



UNIVERSITY OF COPENHAGEN

# Center for Healthy Aging

## Appendices End report, CEHA I–III

# Table of Contents

- 2 | A1: Publications CEHA (2009-2023)  
142 | A2: Expert Panels, Boards etc. for CEHAIll Researchers

## A1: Publications CEHA (2009-2023)

### 2009

- Alibegovic AC, Hojbjerre L, Sonne MP, van HG, Stallknecht B, Dela F, Vaag A. Impact of 9 days of bed rest on hepatic and peripheral insulin action, insulin secretion, and whole-body lipolysis in healthy young male offspring of patients with type 2 diabetes. *Diabetes*. 58:2749-2756, 2009.
- Andersen I, Thielen K, Nygaard E, Diderichsen F. Social inequality in the prevalence of depressive disorders. *J Epidemiol Community Health*. 63:575-81, 2009.
- Andersen LL, Andersen JL, Suetta C, Kjaer M, Søgaard K, Sjøgaard G. Effect of contrasting physical exercise interventions on rapid force capacity of chronically painful muscles. *Journal of Applied Physiology*. 107(5):1413-9, 2009.
- Avlund K, Schultz-Larsen K, Krstrup U, Christiansen N, Holm-Pedersen P. The role of inflammation in the periodontium in early old age on mortality at 21-year follow-up. *J Am Geriatric Soc*. 57:1206-12, 2009.
- Avlund K. Forskningsprofessorat i gerontologi ved Københavns Universitet. *Gerontologi*. 2:8-11, 2009.
- Avlund K. Tidlige aldringstegn og betydningen af livsforløbet for aldringsprocessen. *Ugeskr Laeger*. 171:2481-4, 2009.
- Bartels ED, Nielsen JM, Hellgren LI, Ploug T, Nielsen LB. Cardiac expression of microsomal triglyceride transfer protein is increased in obesity and serves to attenuate cardiac triglyceride accumulation. *PLoS One*. 4:e5300, 2009.
- Bidstrup PE, Frederiksen K, Siersma V, Mortensen EL, Ross L, Vinther-Larsen M, Grønbaek M, Johansen C. Social-cognitive and school factors in initiation of smoking among adolescents: a prospective cohort study. *Cancer Epidemiol Biomarkers Prev*. 18:384-92, 2009.
- Blaakilde AL. "Skal du kalde mig gammel?!" Forestillinger om alderdom – ved indgangen til det 21. århundrede. Indledning i *Gammelfestivalen Det Sidste Suk*. Festivaltekster. Red. af Michael Svennevig, Forlaget Epigraf, 2009.
- Calbet JA, Radegran G, Boushel R, Saltin B. On the mechanisms that limit oxygen uptake during exercise in acute and chronic hypoxia: role of muscle mass. *J Physiol*. 587:477-490, 2009.
- Carlson M, Suetta C, Conboy M, Aagaard P, Mackey A, Kjaer M, Conboy I. Molecular aging and rejuvenation of human muscle stem cells. *EMBO Mol Med*. 1:381-391, 2009.
- Clausen TS, Kaastrup P, Stallknecht B. Effect of insulin catheter wear-time on subcutaneous adipose tissue blood flow and insulin absorption in humans. *Diabetes Technol Ther*. 11:575-580, 2009.
- Clausen TS, Kaastrup P, Stallknecht B. Proinflammatory tissue response and recovery of adipokines during 4 days of subcutaneous large-pore microdialysis. *J Pharmacol Toxicol Methods*. 60:281-287, 2009.
- Couppé C, Hansen P, Kongsgaard M, Kovanen V, Suetta C, Aagaard P, Kjaer M, Magnusson SP. Mechanical properties and collagen cross-linking of the patellar properties in old and young men. *J Appl Physiol*. 107:880-886, 2009.
- Desler C, Suravajhala P, Sanderhoff M, Rasmussen M, Rasmussen LJ. In Silico screening for functional candidates amongst hypothetical proteins. *BMC Bioinformatics*. 10:289, 2009.

Dherin C, Gueneau E, Francin M, Nunez M, Miron S, Liberti SE, Rasmussen LJ, Zinn-Justin S, Gilquin B, Charbonnier JB, Boiteux S. Characterization of a Highly Conserved Binding Site of MLh1 Required for Exonuclease I-Dependent Mismatch Repair. *Mol Cell Biol*. 29:907-918, 2009.

Due P, Damsgaard MT, Lund R, Holstein BE. Is bullying equally harmful for rich and poor children? A study of bullying and depression from age 15 to 27. *Eur J Public Health*. 19:464-9, 2009.

Flensburg-Madsen T, Knop J, Mortensen EL, Becker U, Sher L, Grønbaek M. Alcohol use disorders increase the risk of completed suicide – irrespective of other psychiatric disorders. A longitudinal cohort study. *Psychiatry Res*. 167:123-30, 2009.

Flensburg-Madsen T, Mortensen EL, Knop J, Becker U, Sher L, Grønbaek M. Comorbidity and temporal ordering of alcohol use disorders and other psychiatric disorders: results from a Danish register-based study. *Compr Psychiatry*. 50:307-14, 2009.

Fosbøl EL, Gislason GH, Jacobsen S, Folke F, Hansen ML, Schramm TK, Sørensen R, Rasmussen JN, Andersen SS, Abildstrom SZ, Traerup J, Poulsen HE, Rasmussen S, Køber L, Torp-Pedersen C. Risk of myocardial infarction and death associated with the use of nonsteroidal anti-inflammatory drugs (NSAIDs) among healthy individuals: a nationwide cohort study. *Clin Pharmacol Ther*. 85:190-7, 2009.

Garåsen H, Hendriksen C. Health care for the elderly – perspectives in relation to implementation of results from intervention studies in Norway and in Denmark. *Scand J Public Health*. 37:223-6, 2009.

Gibbon S, Whyte SR. Biomedical technologies and health inequities: an introduction. *Anthropology & Medicine*. 16(2):97-103, 2009.

Gislason GH, Rasmussen JN, Abildstrom SZ, Schramm TK, Hansen ML, Fosbøl EL, Sørensen R, Folke F, Buch P, Gadsbøll N, Rasmussen S, Poulsen HE, Køber L, Madsen M, Torp-Pedersen C. Increased mortality and cardiovascular morbidity associated with use of nonsteroidal anti-inflammatory drugs in chronic heart failure. *Arch Inter Med*. 169:151-9, 2009.

Goto K, Doessing S, Nielsen RH, Flyvbjerg A, Kjaer M. Growth hormone receptor antagonist treatment reduces exercise performance in young males. *J Clin Endocrinol Metab*. 94:3265-3272, 2009.

Hammer T, Tritsaris K, Hübschmann MV, Gibson J, Nisato RE, Pepper MS, Dissing S. IL-20 activates human lymphatic endothelial cells causing cell signalling and tube formation. *Microvasc. Res*. 78:25-32, 2009.

Hansen M, Kongsgaard M, Holm L, Skovgaard D, Magnusson SP, Qvor-trup K, Larsen JO, Dahl M, Frystyk J, Flyvbjerg A, Langberg H, Kjaer M. Effect of estrogen on in vivo tendon collagen synthesis, tendon structural characteristics, and biomechanical properties in postmenopausal women. *J Appl Physiol*. 106:1385-93, 2009.

Hansen M, Miller BF, Holm L, Doessing S, Petersen SG, Skovgaard D, Frystyk J, Flyvbjerg A, Koskinen S, Pingel J, Kjaer M, Langberg H. Effect of administration of oral contraceptives in vivo on collagen synthesis in tendon and muscle connective tissue in young women. *J App Physiol*. 106(4):1435-43, 2009.

Hansen M, Trappe T, Cramer RM, Qvortrup K, Kjaer M, Langberg H. Myofibrillar proteolysis in response to voluntary or electrically stimulated muscle contractions in humans. *Scand J Med Sci Sports*. 19(1):75-82. 2009.

Hansen, P, Hassenkam T, Svensson R, Haraldsson BT, Aagaard P, Trappe TA, Kjaer M, Magnusson SP. Glutaraldehyde cross-linking of tendon – mechanical effects at the level of the tendon fascicle and fibril. *Connect Tiss Res*. 50(4):211-22, 2009.

Haraldsson BT, Craafoord-Larsen D, Langberg H, Aagaard P, Koskinen S, Kjaer M, Magnusson SP. Corticosteroid injection weakens tendon fascicles. *Scand J Med Sci Sports*. 19:621-626, 2009.

Heinemeier KM, Olesen JL, Haddad F, Schjerling P, Baldwin KM, Kjaer M. Effect of unloading followed by reloading on expression of collagen and related growth factors in rat tendon and muscle. *J Appl Physiol.* 106:178-86, 2009.

Hendriksen C. Organisering og beslutningsprocesser. I: Nielsen CV (ed.) *Rehabilitering for sundhedsprofessionelle*. Gads Forlag, 2009.

Hoi-Hansen T, Pedersen-Bjergaard U, Andersen RD, Kristensen PL, Thomsen C, Kjaer T, Hogenhaven H, Smed A, Holst JJ, Dela F, Boomsma F, Thorsteinsson B. Cognitive performance, symptoms and counter-regulation during hypoglycaemia in patients with type 1 diabetes and high or low renin-angiotensin system activity. *J Renin Angiotensin Aldosterone Syst.* 10:216-229, 2009.

Hojbjerre L, Skov-Jensen C, Kaastrup P, Pedersen PE, Stallknecht B. Effect of steel and teflon infusion catheters on subcutaneous adipose tissue blood flow and infusion counter pressure in humans. *Diabetes Technol Ther.* 11:301-306, 2009.

Jepsen JR, Fagerlund B, Mortensen EL. Do attention deficits influence IQ assessment in children and adolescents with ADHD? *Journal of Attention Disorders.* 12:123-30, 2009.

Jespersen A, Elgaard Jensen T. Tidens materialisering. Alment praktiserende lægers håndtering af tid. Materialiseringer. *Nye perspektiver på materialitet og kulturanalyse*. Eds. Damsholt T, Simonsen DG, Mordhorst C. Århus Universitetsforlag, pp. 175-201, 2009.

Jespersen A. Fremtidens interaktive dagligvarehandel, Rapport, CKA, 2009.

Jørgensen T, Ladelund S, Borch-Johnsen K, Pisinger C, Schrader AM, Thomsen T, Glümer C, Ibsen H, Mortensen EL. Screening for risk of cardiovascular disease is not associated with mental distress: the Inter99 Study. *Prev Med.* 48:242-6, 2009.

Jørgensen W, Gam C, Andersen JL, Schjerling P, Scheibye-Knudsen M, Mortensen OH, Grunnet N, Nielsen MO, Quistorff B. Changed mitochondrial function by pre- and/or postpartum diet alterations in sheep. *Am J Physiol.* 297:E1349-E1357, 2009.

Kalbitzer J, Frokjaer VG, Erritzoe D, Svarer C, Cumming P, Nielsen FA, Hashemi SH, Baaré WF, Madsen J, Hasselbalch SG, Kringsbach ML, Mortensen EL, Knudsen GM. The personality trait openness is related to cerebral 5-HTT levels. *Neuroimage.* 45:280-5, 2009.

Kjaer M, Langberg H, Heinemeier K, Bayer M, Hansen M, Holm L, Kongsgaard M, Krogsbaard MR, Magnusson SP. From mechanical loading to collagen synthesis, structural changes and function in human tendon. *Scand J Med Sci Sports.* 19:500-10 2009.

Knop J, Penick EC, Nickel EJ, Mortensen EL, Sullivan MA, Murtaza S, Jensen P, Manzardo AM, Gabrielli WF Jr. Childhood ADHD and conduct disorder as independent predictors of male alcohol dependence at age 40. *J Stud Alcohol Drugs.* 70:169-77, 2009.

Kongsgaard M, Kovanen V, Aagaard P, Doessing S, Hansen P, Hoegsbø A, Kalda NC, Kjaer M, Magnusson SP. Heavy resistance training offers superior clinical outcome compared to medical treatment of tendon overuse injury: a randomized controlled trial. *Scand J Med Sci Sports.* 19:790-802, 2009.

Krabbe KS, Mortensen EL, Avlund K, Pilegaard H, Christiansen L, Pedersen AN, Schroll M, Jørgensen T, Pedersen BK, Bruunsgaard H. Genetic priming of a proinflammatory profile predicts low IQ in octogenarians. *Neurobiology of Aging.* 30:769-781, 2009.

Krabbe KS, Mortensen EL, Avlund K, Pilegaard H, Pedersen AN, Pedersen BK, Avlund K, Jørgensen T, Bruunsgaard H. Brain-derived neurotrophic factor predicts mortality risk in older women. *J Am Geriatr Soc.* 57:1447-52, 2009.

- Krasnik A, Paulsen B. Reforming primary health care. I: Magnussen J, Vrangbæk K, Saltman RB (eds). *Nordic health care systems. Recent reforms and current policy challenge*, pp 233-254. Berkshire: Open University Press; the European Observatory on Health Systems and Policies Series, 2009.
- Kriegbaum M, Lund R, Christensen U, Osler M. Job losses and accumulated number of broken partnerships increase risk of premature mortality in Danish men born in 1953. *J Occup Environ Med.* 51:708-13, 2009.
- Kristensen AS, Mortensen EL, Mors O. The association between bodily anxiety symptom dimensions and the scales of the Revised NEO Personality Inventory and the Temperament and Character Inventory. *Compr Psychiatry.* 50:38-47, 2009.
- Kristensen AS, Mortensen EL, Mors O. The structure of emotional and cognitive anxiety symptoms. *J Anxiety Disord.* 23:600-8, 2009.
- Larsen S, Ara I, Rabøl R, Andersen JL, Boushel R, Dela F, Helge JW. Are substrate use during exercise and mitochondrial respiratory capacity decreased in arm and leg muscle in type 2 diabetes? *Diabetologia.* 52(7):1400-8, 2009.
- Lund R, Nielsen KK, Hansen DH, Kriegbaum M, Molbo D, Due P, Christensen U. Exposure to bullying at school. And depression in adulthood: a study of Danish men born in 1953. *Eur J Public Health.* 19:111-6, 2009.
- Lund R, Sejbaek CS, Christensen U, Schmidt L. The impact of social relations on the incidence of severe depressive symptoms among infertile women and men. *Hum Reprod.* 24:2810-20, 2009.
- Maccaran M, Kalamajski M, Kongsgaard M, Magnusson SP, Lindahl U, Oldberg Å, Malmström A. Dermatan sulfate epimerase 1-deficient mice have reduced blocks of iduronic acid and an altered collagen structure in skin. *Mol Cell Biol.* 29:5517-28, 2009.
- Mackey AL, Kjaer M, Charifi N, Henriksson J, Bojsen-Møller J, Holm L, Kadi F. Assessment of satellite cell number and activity status in human skeletal muscle biopsies. *Muscle Nerve.* 40:455-465, 2009.
- Michaelsen KF, Lauritzen L, Mortensen EL. Effects of breast-feeding on cognitive function. *Adv Exp Med Biol.* 639:199-215, 2009.
- Mikkelsen UR, Langberg H, Helmark IC, Skovgaard D, Andersen LL, Kjær M, Mackey AL. Local NSAID infusion inhibits satellite cell proliferation in human skeletal muscle following eccentric exercise. *J Appl Physiol.* 107:1600-1611, 2009.
- Mogensen M, Vind BF, Hojlund K, Beck-Nielsen H, Sahlin K. Maximal lipid oxidation in patients with type 2 diabetes is normal and shows an adequate increase in response to aerobic training. *Diabetes Obes Metab.* 11:874-883, 2009.
- Mortensen EL, Rönnberg J. Introduction to the 50<sup>th</sup> anniversary issue on "highlights in Scandinavian psychology". *Scand J Psychol.* 50:525, 2009.
- Mortensen LH, Diderichsen F, Davey Smith G, Nybo Andersen AM. Time is on whose side? Time trends in the association between maternal social disadvantage and offspring fetal growth. A study of 1409 339 births in Denmark, 1981-2004. *J Epidemiol Community Health.* 63:281-5, 2009.
- Mortensen LH, Diderichsen F, Smith GD, Andersen AM. The social gradient in birthweight at term: quantification of the mediating role of maternal smoking and body mass index. *Hum Reprod.* 24:2629-35, 2009.
- Muftuoglu M, de Souza-Pinto NC, Dogan A, Aamann M, Stevens T, Rybanska I, Kirkali G, Dizdaroglu M, Bohr VA. Cockayne syndrome group B protein stimulates repair of formamidopyrimidines by NEIL1 DNA glycosylase. *J Biol Chem.* 284:9270-9279, 2009.

Maarbjerg SJ, Jorgensen SB, Rose AJ, Jeppesen J, Jensen TE, Treebak JT, Birk JB, Schjerling P, Wojtaszewski JF, Richter EA. Genetic impairment of  $\alpha$ 2-AMPK signaling does not reduce muscle glucose uptake during treadmill exercise in mice. *Am J Physiol.* 297:E924-E934, 2009.

Nabe-Nielsen K, Tüchsen F, Christensen KB, Garde AH, Diderichsen F. Differences between day and nonday workers in exposure to physical and psychosocial work factors in the Danish eldercare sector. *Scand J Work Environ Health.* 35:48-55, 2009.

Nielsen NB, Hojberre L, Sonne MP, Alibegovic AC, Vaag A, Dela F, Stallknecht B. Interstitial concentrations of adipokines in subcutaneous abdominal and femoral adipose tissue. *Regul Pept.* 155:39-45, 2009.

Nielsen SS, Krasnik A, Rosano A. Register data for cross-country comparisons of migrants' healthcare utilization in the EU: a survey study of availability and content. *BMC Health Services Research.* 9:210, 2009.

Osler M, Juhl M, Lund R, Andersen AM, Kriegbaum M, Christensen U. Effect on response rates of stamps vs a pre-printed business reply envelope in a mailed follow-up survey among middle-aged Danish men. *Int J Epidemiol.* 38:1156-7, 2009.

Osler M, Juhl M, Lund R, Nybo Andersen AM, Kriegbaum M, Christensen U. Effect on response rates of stamps versus a pre-printed business reply in a mailed follow-up survey among middle-aged Danish men. *Int J Epidemiol.* 38:1156-7, 2009.

Osler M, Kriegbaum M, Lund R, Nybo Andersen A. The influence of birth weight and body mass in early adulthood on coronary heart disease risk among Danish men born in 1953. *Eur J Epidemiol.* 24:57-61, 2009.

Osler M, Madsen M, Andersen AMN, Avlund K, McGue M, Jeune B, Christensen K. Do childhood and adult socioeconomic circumstances influence health and physical function in middle-age? *Soc Sci Med.* 68:1425-1431, 2009.

Petersen SS, Hansen AJ, Tritsaris K, Dissing S. Interleukin 23 activates endothelial cells causing intracellular signalling and morphological changes. *The Am. Soc. Cell. Biol.* 49<sup>th</sup> ann. meeting B125, p 41, 2009.

Pingel J, Moerch L, Kjaer M, Langberg H. The influence of training status on the drop in muscle strength after acute exercise: *Eur J Appl Physiol.* 106(4):605-11, 2009.

Prats C, Helge JW, Nordby P, Qvortrup K, Ploug T, Dela F, Wojtaszewski JF. Dual regulation of muscle glycogen synthase during exercise by activation and compartmentalization. *J Biol Chem.* 284:15692-15700, 2009.

Prescott E, Hjardem-Hansen R, Dela F, Orkild B, Teisner AS, Nielsen H. Effects of a 14-month low-cost maintenance training program in patients with chronic systolic heart failure: a randomized study. *Eur J Cardiovasc Prev Rehabil.* 16:430-437, 2009.

Prescott E, Hjardem-Hansen R, Dela F, Teisner AS, Nielsen H. Exercise training in older patients with systolic heart failure: adherence, exercise capacity, inflammation and glycemic control. *Scand Cardiovasc J.* 43:249-255, 2009.

Rabol R, Hojberg PM, Almdal T, Boushel R, Haugaard SB, Madsbad S, Dela F. Improved glycaemic control decreases inner mitochondrial membrane leak in type 2 diabetes. *Diabetes Obes Metab.* 11:355-360, 2009.

Rabol R, Hojberg PM, Almdal T, Boushel R, Haugaard SB, Madsbad S, Dela F. Effect of hyperglycemia on mitochondrial respiration in type 2 diabetes. *J Clin Endocrinol Metab.* 94:1372-1378, 2009.

Rabol R, Svendsen PF, Skovbro M, Boushel R, Haugaard SB, Schjerling P, Schrauwen P, Hesselink MK, Nilas L, Madsbad S, Dela F. Reduced skeletal muscle mitochondrial respiration and improved glucose metabolism in

- nondiabetic obese women during a very low calorie dietary intervention leading to rapid weight loss. *Metabolism*. 58:1145-1152, 2009.
- Reimars TS, Mortensen EL, Nysom K, Schmiegelow K. Health-related quality of life in long-term survivors of childhood brain tumors. *Pediatric Blod & Cancer*. 53:1086-1091, 2009.
- Roos A-K, Eriksson F, Timmons JA, Gerhardt J, Nyman U, Gudmundsdotter L, Bra A, Wahren B, Pisa P. Skin Electroporation: Effects on Transgene Expression, DNA Persistence and Local Tissue Environment. *PLoS ONE*. 4(9):e7226, 2009.
- Sarac S, Afzal S, Broholm H, Madsen FF, Ploug T, Laursen H. Excitatory amino acid transporters EAAT-1 and EAAT-2 in temporal lobe and hippocampus in intractable temporal lobe epilepsy. *APMIS*. 117:291-301, 2009.
- Schack-Nielsen L, Mølgaard C, Underbjerg M, Mortensen EL, Michaelsen KF. Kostens betydning for læring og adfærd hos børn. (udrednings-opgave for Fødevarestyrelsen). Institut for Human Ernæring. Det Biovidenskabelige Fakultet, Københavns Universitet, 2009.
- Scheede-Bergdahl C, Olsen DB, Reving D, Boushel R, Dela F. Insulin and non-insulin mediated vasodilation and glucose uptake in patients with type 2 diabetes. *Diabetes Res Clin Pract*. 85:243-251, 2009.
- Schiffmann J, Sorensen HJ, Maeda J, Mortensen EL, Victoroff J, Hayashi K, Michelsen NM, Ekstrom M, Mednick S. Childhood motor coordination and adult schizophrenia spectrum disorders. *Am J Psychiatry*. 166:1041-7, 2009.
- Schnohr CW, Kreiner S, Rasmussen M, Due P, Diderichsen F. School-related mediators in social inequalities in smoking: a comparative cross-sectional study of 20,399 adolescents. *Int J Equity Health*. 14:8-17, 2009.
- Seifert T, Rasmussen P, Brassard P, Homann PH, Wissenberg M, Nordby P, Stallknecht B, Secher NH, Nielsen HB. Cerebral oxygenation and metabolism during exercise following three months of endurance training in healthy overweight males. *Am J Physiol*. 297:R867-R876, 2009.
- Skovgaard D, Kjaer M, El-Ali H, Kjaer A. 18F-fluorodeoxyglucose and PET/CT for noninvasive study of exercise-induced glucose uptake in rat skeletal muscle and tendon. *Eur J Nucl Med Mol Imag*. 36:859-868, 2009.
- Skovgaard D, Kjaer M, Madsen J, Kjaer A. Noninvasive 64Cu-ATSM and PET/CT assessment of hypoxia in rat skeletal muscles and tendons during muscle contractions. *J Nucl Med*. 50:950-958, 2009.
- Sonne MP, Hojbjerre L, Alibegovic AC, Vaag A, Stallknecht B, Dela F. Diminished Insulin-Mediated Forearm Blood Flow and Muscle Glucose Uptake in Young Men with Low Birth Weight. *J Vasc Res*. 47:139-147, 2009.
- Sonne MP, Hojbjerre L, Alibegovic AA, Vaag A, Stallknecht B, Dela F. Impaired endothelial function and insulin action in first-degree relatives of patients with type 2 diabetes mellitus. *Metabolism*. 58:93-101, 2009.
- Sorensen K, Aksglaede L, Munch-Andersen T, Aachmann-Andersen NJ, Leffers H, Helge JW, Hilsted L, Juul A. Impact of the growth hormone receptor exon 3 deletion gene polymorphism on glucose metabolism, lipids, and insulin-like growth factor-I levels during puberty. *J Clin Endocrinol Metab*. 94:2966-2969, 2009.
- Sorensen K, Aksglaede L, Munch-Andersen T, Aachmann-Andersen NJ, Petersen JH, Hilsted L, Helge JW, Juul A. Sex hormone-binding globulin levels predict insulin sensitivity, disposition index, and cardiovascular risk during puberty. *Diabetes Care*. 32:909-914, 2009.
- Strandberg-Larsen M, Krasnik A. Measurement of integrated healthcare delivery: a systematic review of methods and future research directions. *International Journal of Integrated Care*. 9:e01, 2009.

Strom M, Mortensen EL, Halldorsson TI, Thorsdottir I, Olsen SF. Fish and long-chain n-3 polyunsaturated fatty acid intakes during pregnancy and rise of postpartum depression: a prospective study based on a large national birth cohort. *Am J Clin Nutr.* 90:149-155, 2009.

Suetta C, Hvid LG, Justesen L, Christensen U, Neergaard K, Simonsen L, Ortenblad N, Magnusson SP, Kjaer M, Aagaard P. Effects of aging on human skeletal muscle after immobilization and retraining. *J Appl Physiol.* 107(4):1172-80, 2009.

Sullivan BE, Carroll CC, Jemiolo B, Trappe SW, Magnusson SP, Døssing S, Kjær M, Trappe TA. Effect of acute resistance exercise and gender on human patellar tendon structural and regulatory mRNA expression. *J Appl Physiol.* 106:468-475, 2009.

Söderqvist T, Bencard A, Mordhorst C. Between meaning culture and presence effects: contemporary biomedical objects as a challenge to museums. *Studies in History and Philosophy of Science.* 40(4):431-38, 2009.

Sørensen HJ, Mortensen EL, Reinisch JM, Mednick SA. Association between prenatal exposure to bacterial infection and risk of schizophrenia. *Schizophr Bull.* 35:631-7, 2009.

Sørensen HJ, Mortensen EL, Reinisch JM, Mednick SA. Parental psychiatric hospitalization and offspring schizophrenia. *World Journal of Biological Psychiatry.* 10:571-5, 2009

Sørensen HJ, Mortensen EL, Wang AG, Juel K, Silverton L, Mednick SA. Suicide and mental illness in parents and risk of suicide in offspring: a birth cohort study. *Soc Psychiatry Psychiatr Epidemiol.* 44:748-51, 2009.

Thielen K, Nygaard E, Andersen I, Rugulies R, Heinesen E, Bech P, Bültman U, Diderichsen F. Misclassification and the use of register-based indicators for depression. *Acta Psychiatr Scand.* 119:312-9, 2009.

Vass M, Avlund K, Siersma V, Hendriksen C. A feasible model for prevention of functional decline in older home-dwelling people – the GP role. A municipality-randomized intervention trial. *Fam Pract.* 26:56-64, 2009.

Vissing K, Bayer ML, Overgaard K, Schjerling P, Raastad T. Heat shock protein translocation and expression response is attenuated in response to repeated eccentric exercise. *Acta Physiol.* 196:283-293, 2009.

Vollaard NB, Constantin-Teodosiu D, Frederiksson K, Rooyackers O, Jansson E, Greenhaff PL, Timmons JA, Sundberg CJ. Systematic analysis of adaptation in aerobic capacity and submaximal energy metabolism provides a unique insight into determinants of human aerobic performance. *J Appl Physiol.* 106:1479-1486, 2009.

Wadmann S, Strandberg-Larsen M, Krasnik A. Coordination between primary and secondary health care in Denmark and Sweden. *International Journal of Integrated Care.* 9:1-14, 2009

Welden TB, Timmons JA, Keller P, Nedergaard J, Cannon B. Distinct expression of muscle-specific microRNAs (myomiRs) in brown adipocytes. *J Cell Physiol.* 218:444-449, 2009.

Whyte SR. Health identities and subjectivities: the ethnographic challenge. *Medical Anthropology Quarterly.* 23(1):6-15, 2009.

Yamada Y, Vass M, Hvas L, Igarashi A, Hendriksen C, Avlund K. What contributes to collaborative home visiting relationships in older people in Japan. *International Journal of Older People Nursing.* 10:571-575, 2009.

## 2010

Aagaard P, Suetta C, Magnusson SP, Kjaer M. Role of the nervous system in sarcopenia and muscle atrophy with aging – training as a countermeasure. *Scandinavian Journal of Medicine & Science in Sports*. 20:49-64, 2010.

Alibegovic AC, Højbjørre L, Sonne M, van Hall G, Alsted TJ, Kiens B, Stallknecht B, Dela F, Vaag A. Increased rate of whole body lipolysis before and after nine days of bed rest in healthy young men born with low birth weight. *American Journal of Physiology, Endocrinology and Metabolism*. 298:E555-E564, 2010.

Alibegovic AC, Sonne MP, Højbjørre L, Bork-Jensen J, Jacobsen S, Nilsson E, Færch K, Hiscock NJ, Mortensen B, Friedrichsen M, Stallknecht B, Dela F, Vaag A. Insulin resistance induced by physical inactivity is associated with multiple transcriptional changes in skeletal muscle in young men. *American Journal of Physiology, Endocrinology and Metabolism*. 299(5):E752-63, 2010.

Alibegovic AC, Sonne MP, Højbjørre L, Hansen T, Pedersen O, Van Hall G, Holst JJ, Stallknecht B, Dela F, Vaag A. The T-allele of TCF7L2 rs7903146 associates with a reduced compensation of insulin secretion for insulin resistance induced by 9 days of bed rest. *Diabetes*. 59:836-843, 2010.

Andreasson K, Liest V, Lunde M, Martiny K, Unden M, Dissing S, Bech P. Identifying patients with therapy-resistant depression by using factor analysis. *Pharmacopsychiatri*. 43(7):252-6, 2010.

Attwell D, Buchan AM, Charpak S, Lauritzen M, MacVicar BA, Newman EA. Glial and neuronal control of brain blood flow. *Nature*. 468:232-243, 2010.

Avlund K. Fatigue in older adults: An early indicator of the aging process. *Aging Clinical and Experimental Research*. 22:100-115, 2010.

Axelsen LN, Lademann JB, Petersen JS, Holstein-Rathlou NH, Ploug T, Prats C, Pedersen HD, Kjølbye AL. Cardiac and metabolic changes in long-term high fructose-fat fed rats with severe obesity and extensive intramyocardial lipid accumulation. *American Journal of Physiology. Regulatory, Integrative and Comparative Physiology*. 298(6):R1560-70, 2010.

Bayer ML, Kadler KE, Young C, Qvortrup K, Baar K, Svensson R, Magnusson SP, Krogsbaard M, Koch M, Kjaer M: Adult human tendon fibroblasts initiate embryonic-like collagen fibrillogenesis when cultured under tension. *Biomaterials*. 31:4889-97, 2010.

Bidstrup PE, Thomsen TT, Mortensen EL, Vinther-Larsen M, Johansen J. Critical discussion of social-cognitive factors in smoking initiation among adolescents. *Acta Oncologica*. 50:88-98, 2010.

Blomberg Jensen M, Jørgensen A, Nielsen JE, Bjerrum PJ, Skalkam M, Petersen JH, Egeberg DL, Bangsbøll S, Andersen AN, Skakkebaek NE, Juul A, Rajpert-De Meyts E, Dissing S, Leffers H, Jørgensen N. Vitamin D and sperm function: CYP24A1 may serve as a novel marker of semen quality. *International J. Andrology*. 33(Suppl 1):47-8, 2010.

Bojsen-Møller J, Schwartz S, Kallikoski K, Finni T, Magnusson SP. Lateral force transmission between human plantar flexion muscles in vivo. *Journal of Applied Physiology*, 109:1608-1618, 2010.

Cao R, Xue Y, Hedlund EM, Zhong Z, Tritsaris K, Tondelli B, Lucchini F, Zhu Z, Dissing S, Cao Y. VEGFR1-mediated pericyte ablation links VEGF and PIGF to cancer-associated retinopathy. *Proc Natl Acad Sci USA*. 107(2):856-61, 2010.

Carlsson JM, Olsen DR, Kastrup M, Mortensen EL. Late mental health changes in tortured refugees in multidisciplinary treatment. *Journal of Nervous and Mental Disease*. 198:824-828, 2010.

Chu WK, Hanada K, Kanaar R, Hickson ID. BLM has early and late functions in homologous recombination repair in mouse embryonic stem cells. *Oncogene*. 29:4705-4714, 2010.

Dela F, Stallknecht B. The effect of physical training on insulin secretion and action in skeletal muscle and adipose tissue of first degree relatives to type 2 diabetic patients. *American Journal of Physiology*. 299:E80-E91, 2010.

Desler C, Lykke A, Rasmussen LJ. The effect of mitochondrial dysfunction on cytosolic nucleotide metabolism. *J. Nucleic Acids*. 2010:201, 2010.

Doessing S, Heinemeier KM, Holm L, Mackey AL, Schjerling P, Rennie M, Smith K, Reitelseder S, Kappelgaard AM, Rasmussen MH, Flyvbjerg A, Kjaer M. Growth hormone stimulates the collagen synthesis in human tendon and skeletal muscle without affecting myofibrillar protein synthesis. *Journal of Physiology*. 588:341-351, 2010.

Doessing S, Holm L, Heinemeier KM, Feldt-Rasmussen U, Schjerling P, Qvortrup K, Larsen JO, Nielsen RH, Flyvbjerg A, Kjaer M. GH and IGF1 levels are positively associated with musculotendinous collagen expression: experiments in acromegalic and GH deficiency patients. *European Journal of Endocrinology*. 163:853-62, 2010.

Ekmann A, Vass M, Avlund K. Preventive home visits to older home-dwelling people in Denmark – are invitational procedures of importance? *Health and Social Care in the Community*. 18:563-571, 2010.

Frølich A, Høst D, Schnor D, Nørgaard A, Ravn-Jensen C, Borg E, Hendriksen C. Integration of healthcare rehabilitation in chronic conditions. *International J of Integrated Care*. Feb 8:10:e033, 2010.

Frokjaer VG, Vinberg M, Erritzoe D, Baaré W, Holst KK, Mortensen EL, Arfan H, Madsen J, Jernigan TL, Kessing LV, Knudsen GM. Familial risk for mood disorder and the personality risk factor, neuroticism, interact in their association with frontolimbic serotonin 2A receptor binding. *Neuropsychopharmacology*. 35(5):1129-37, 2010.

Hansen P, Haraldsson B, Aagaard P, Kovanen V, Avery N, Qvortrup K, Overgaard Larsen J, Krogsbaard M, Kjaer M, Magnusson SP. Lower strength of the human posterior patellar tendon seems unrelated to mature collagen cross-linking and fibril morphology. *Journal of Applied Physiology*. 108:47-52, 2010.

Hauer K, Yardley L, Beyer N, Kempen G, Dias N, Campbell M, Becker C, Todd C. Validation of the Falls Efficacy Scale and Falls Efficacy Scale International in geriatric patients with and without cognitive impairment: results of self-report and interview-based questionnaires. *Gerontology*. 56:190-9, 2010.

Heinonen I, Kemppainen J, Kaskinoro K, Peltonen JE, Borra R, Lindroos M, Oikonen V, Nuutila P, Knuuti J, Boushel R. Regulation of human skeletal muscle perfusion and its heterogeneity during exercise in moderate hypoxia. *American Journal of Physiology. Regulatory, Integrative and Comparative Physiology*. 299(1):R72-9, 2010.

Heinonen I, Kemppainen J, Kaskinoro K, Peltonen JE, Borra R, Lindroos MM, Oikonen V, Nuutila P, Knuuti J, Hellsten Y, Boushel R, Kallikoski KK. Comparison of exogenous adenosine and voluntary exercise on human skeletal muscle perfusion and perfusion heterogeneity. *Journal of Applied Physiology*. 108(2):378-86, 2010.

Helge JW. Arm and leg substrate utilization and muscle adaptation after prolonged low intensity training. *Acta Physiologica*. 199(4):519-528, 2010.

Helmark IC, Mikkelsen UR, Børglum J, Rothe A, Petersen MC, Andersen O, Langberg H, Kjaer M. Exercise increases interleukin-10 levels both intraarticularly and peri-synovially in patients with knee-osteoarthritis: A randomized controlled trial. *Arthritis Research Therapy*. 12:126-134, 2010.

Helmark IC, Mikkelsen UR, Krogsbaard MR, Belhage B, Petersen MC, Langberg H, Kjaer M. Early osteoarthritis and microdialysis: a novel in vivo approach for measurements of biochemical markers in the perisynovium and intraarticularly. *Knee Surgery Sports Traumatology Arthroscopy*. 18:1617-1623, 2010.

- Hendriksen C. Skammekrogen. Debatbog om medicinske patienter. *Ugeskr Læger*. 172:469, 2010.
- Hendriksen C, Vass M. Sikker medicinordination bliver den store udfordring [Secure prescription is the great challenge]. *Ugeskr Læger*. 172(46):3162, 2010.
- Hendriksen C. Geriatri. I: *Medicinsk kompendium – lommebog*, Shaffalitzky de Muckadell OB, Haunsø S, Vildstrup H (eds). Nyt Nordisk Forlag Arnold Busck, 2010.
- Hey-Mogensen M, Højlund K, Vind BF, Wang L, Dela F, Beck-Nielsen H, Fernström M, Sahlin K. Effect of physical training on mitochondrial respiration and ROS release in skeletal muscle in obesity and type 2 diabetes. *Diabetologia*. 53:1976-1985, 2010.
- Højbjerg L, Sonne MP, Alibegovic AC, Dela F, Vaag A, Meldgaard JB, Christensen KB, Stallknecht B. Impact of physical inactivity on subcutaneous adipose tissue metabolism in healthy young male offspring of patients with type 2 diabetes. *Diabetes*. 59(11):2790-8, 2010.
- Holm L, Haslund ML, Robach P, van Hall G, Calbet JAL, Saltin B, Lundby C. Skeletal muscle myofibrillar and sarcoplasmic protein synthesis rates are affected differently by altitude-induced hypoxia in native lowlanders. *Public Library of Science ONE*. 5(12):e15606, 2010.
- Holm L, Kjaer M. Measuring protein breakdown in individual proteins in vivo. *Current Opinion in Clinical Nutrition and Metabolic Care*. 13:526-31, 2010.
- Holm L, van Hall G, Rose AJ, Miller BF, Doessing S, Richter EA, Kjaer M. Contraction intensity and feeding affect collagen and myofibrillar protein synthesis rates differently in human skeletal muscle. *American Journal of Physiology, Endocrinology and Metabolism*. 298(2):E257-69, 2010.
- Hvelplund A, Galatius S, Madsen M, Rasmussen JN, Rasmussen S, Madsen JK, Sand NP, Tilsted HH, Thyssen P, Sindby E, Højbjerg S, Abildstrøm SZ. Women with acute coronary syndrome are less invasively examined and subsequently less treated than men. *Eur Heart J*. 31(6):684-90, 2010.
- Hvid L, Aagaard P, Justesen L, Bayer ML, Ørtenblad N, Kjaer M, Suetta C. Effects of aging on muscle mechanical function and muscle fiber morphology during short term immobilization and subsequent training. *Journal of Applied Physiology*. 109:1628-1634, 2010.
- Jensen HH, Mortensen EL, Lotz M. Time limited psychodynamic group therapy: Predictors of patients seeking additional treatment. *Nordic Psychology*. 62(4):48-66, 2010.
- Jensen HJ, Mortensen EL, Lotz M. Effectiveness of short-term psychodynamic group therapy in a public outpatient psychotherapy unit. *Nordic Journal of Psychiatry*. 64:106-114, 2010.
- Jeppesen J, Mogensen M, Prats C, Sahlin K, Madsen K, Kiens B. FAT/CD36 is localized in sarcolemma and in vesicle-like structures in subsarcolemma regions but not in mitochondria. *Journal of Lipid Research*. 51(6):1504-12, 2010.
- Jepsen JR, Fagerlund B, Pagsberg AK, Christensen AM, Hilker RW, Nordentoft M, Mortensen EL. Course of intellectual deficits in early onset, first episode schizophrenia: a controlled, five-year longitudinal study. *Eur Child Adolesc Psychiatry*. 19(4):341-51, 2010.
- Jepsen JRM, Fagerlund B, Pagsberg AK, Christensen AMR, Nordentoft M, Mortensen EL. Deficient Maturation of Aspects of Attention and Executive Functions in Early-Onset Schizophrenia. *European Child & Adolescent Psychiatry*. 19:773-786, 2010.
- Johannsen TH, Ripa CPL, Carlsen E, Starup J, Nielsen OH, Schwartz M, Drzewiecki KT, Mortensen EL, Main KM. Long-term Gynecological Outcomes in Women with Congenital Adrenal Hyperplasia due to 21-Hydroxylase Deficiency. *International Journal of Pediatric Endocrinology*. 2010:784297, 2010.

- Johnson W, Kyvik KO, Mortensen EL, Skytthe A, Batty GD, Deary IJ. Education reduces the effects of genetic susceptibilities to poor physical health. *Int J Epidemiol.* 39(2):406-14, 2010.
- Kongsgaard M, Qvortrup K, Larsen J, Dossing S, Hansen P, Kjaer M, Magnusson SP. Fibril morphology and tendon mechanical properties in patellar tendinopathy – effects of slow resistance training. *American Journal of Sports Medicine.* 38:749-756, 2010.
- Kraunsøe R, Boushel R, Hansen CN, Schjerling P, Qvortrup K, Støckel M, Mikines KJ, Dela F. Mitochondrial respiration in subcutaneous and visceral adipose tissue from patients with morbid obesity. *Journal of Physiology.* 588(12):2023-2032, 2010.
- Kynde I, Heitmann BL, Bygbjerg IC, Andersen LB, Helge JW. Childhood hypo-adiponectinaemia but not hyperleptinaemia is associated with insulin insensitivity six years later. *Paediatric Diabetes.* 11(3):195-202, 2010.
- Kynde I, Johnsen NF, Bygbjerg IC, Wedderkop N, Helge JW, Heitmann BL. Intake of dietary added sugar is directly associated with insulin resistance among girls but not boys. European Youth Heart Study I and II. *Public Health Nutrition.* 13(10):1669-74, 2010.
- Lund R, Nilsson CJ, Avlund K. Can the higher risk of disability onset among older people who live alone be alleviated by strong social relations? A longitudinal study of non-disabled men and women. *Age and Ageing.* 39:319-26, 2010.
- Machado AMD, Figueiredo C, Seruc-a R, Rasmussen LJ. The role of Helicobacter pylori in DNA damage and repair of gastric cells. *BBA Reviews on Cancer.* 1806:58-65, 2010.
- Mackey AL, Andersen LL, Frandsen U, Suetta C, Sjøgaard G. Distribution of myogenic progenitor cells and myonuclei is altered in women with vs those without chronically painful trapezius muscle. *Journal of Applied Physiology.* 109:1920-1929, 2010.
- Magnusson SP, Langberg H, Kjaer M. The pathogenesis of tendinopathy: balancing the response to loading. *Nature Reviews Rheumatology* 6(5):262-8, 2010.
- Mikkelsen SS, Tolstrup JS, Flachs EM, Mortensen EL, Schnohr P, Flensburg-Madsen T. A Cohort Study of Leisure Time Physical Activity and Depression. *Preventive Medicine.* 51:71-475, 2010.
- Mogensen HO, Ludvigsen BH. Nu skal jeg ind og have skældud: Om at sætte ord på omsorg [The wording of care]. *Sygeplejersken.* 110(8):64-65, 2010.
- Mortensen LH, Lauridsen JT, Diderichsen F, Kaplan GA, Gissler M, Andersen AM. Income-related and educational inequality in small-for-gestational age and preterm birth in Denmark and Finland 1987-2003. *Scand J Public Health.* 38(1):40-5, 2010.
- Nabe-Nielsen K, Kecklund G, Ingre M, Skotte J, Diderichsen F, Garde AH. The importance of individual preferences when evaluating the associations between working hours and indicators of health and well-being. *Applied Ergonomics.* 41:779-786, 2010.
- Nielsen J, Mogensen M, Vind BF, Sahlin K, Højlund K, Schrøder HD, Ordenblad N. Increased subsarcolemmal lipids in type 2 diabetes: effect of training on localization of lipids, mitochondria and glycogen in sedentary human skeletal muscles. *American Journal of Physiology. Endocrinology and Metabolism.* 298(3):E706-13, 2010.
- Nilsson CJ, Avlund K, Lund R. Mobility disability in midlife – a longitudinal study of the role of anticipated instrumental support and social class. *Arch Gerontol Geriatr.* 51(2):152-8, 2010.
- Nilsson CJ, Avlund K, Lund R. Social inequality in onset of mobility disability among older Danes. The mediation effect of social relations. *Journal of Aging and Health.* 22:522-41, 2010.

- Nordby P, Prats C, Kristensen D, Ekroos K, Forsberg G, Andersen JL, Ploug T, Dela F, Storlien L, Helge JW. Muscle ceramide content in man is higher in type I than type II fibers and not influenced by glycogen content. *European Journal of Applied Physiology*. 109:935-943, 2010.
- Norup A, Siert L, Mortensen EL. Emotional distress and quality of life in a sample of relatives of patients with severe brain injury: the first month after injury. *Brain Injury*. 24:81 – 88, 2010.
- Otto, L. Sundhedsfremme: moralisering eller involvering. *Kultur & Fritid*. 1:4-9, 2010.
- Oxlund, B. Sexede seniorer: Opgør med et tabuiseret felt. *Gerontologi. Aldring og ældre – forskning og udvikling*. 3(26):16-19, 2010
- Paulsen G, Egner IM, Drange M, Langberg H, Benestad HB, Fjeld JG, Hallén J, Raastad T. A COX-2 inhibitor reduces muscle soreness, but does not influence recovery and adaptation after eccentric exercise. *Scandinavian Journal of Medicine & Science in Sports*. 20(1):e195-207, 2010.
- Petersen SG, Saxne T, Heinegaard D, Hansen M, Holm L, Koskinen S, Stordal C, Christensen H, Aagaard P, Kjaer M. Glucosamine but not ibuprofen alters cartilage turnover in osteoarthritis patients in response to physical training. *Osteoarthritis Cartilage*. 18:34-40, 2010.
- Petersen CB, Thygesen LC, Helge JW, Grønbæk M, Tolstrup JS. Time trends in physical activity in leisure time in the Danish population from 1987 to 2005. *Scandinavian Journal of Public Health*. 38(2):12-128, 2010.
- Petersen L, Sørensen TIA, Mortensen EL, Andersen PK. Excess mortality rate during adulthood among Danish adoptees. *PLoS ONE*. 5(12):e14365, 2010.
- Rabøl R, Boushel R, Almdal T, Hansen CN, Ploug T, Haugaard SB, Prats C, Madsbad S, Dela F. Opposite effects of pioglitazone and rosiglitazone on mitochondrial respiration in skeletal muscle of patients with type 2 diabetes. *Diabetes, Obesity and Metabolism*. 12(9):806-14, 2010.
- Rabøl R, Larsen S, Højberg PMV, Almdal T, Boushel R, Haugaard SB, Andersen JL, Madsbad S, Dela F. Regional anatomic differences in skeletal muscle mitochondrial respiration in type 2 diabetes and obesity. *The Journal of Clinical Endocrinology & Metabolism (JCEM)*. 95(2):857-863, 2010.
- Rod NH, Kristensen TS, Diderichsen F, Prescott E, Jensen GB, Hansen AM. Cortisol, estrogens and risk of ischaemic heart disease, cancer and all-cause mortality in postmenopausal women: a prospective cohort study. *Int J Epidemiol*. 39(2):530-8, 2010.
- Rosenkilde M, Nordby P, Nielsen LB, Stallknecht BM, Helge JW. Fat oxidation at rest predicts peak fat oxidation during exercise and metabolic phenotype in overweight males. *International Journal of Obesity*. 34(5):871-7, 2010.
- Rugulies R, Madsen IE, Nielsen MB, Olsen LR, Mortensen EL, Bech P. Occupational position and its relation to mental distress in a random sample of Danish residents. *Int Arch Occup Environ Health*. 83(6):625-9, 2010.
- Rugulies R, Thielen K, Nygaard E, Diderichsen F. Job insecurity and the use of antidepressant medication among Danish employees with and without a history of prolonged unemployment: a 3.5 year follow-up study. *J Epidemiol Community Health*. 64(1):75-81, 2010.
- Schack-Nielsen L, Michaelsen KF, Gamborg M, Mortensen EL, Sørensen TI. Gestational weight gain in relation to offspring body mass index and obesity from infancy through adulthood. *Int J Obes*. 34(1):67-74, 2010.
- Schack-Nielsen L, Sørensen TI, Mortensen EL, Michaelsen KF. Late introduction of complementary feeding, rather than duration of breastfeeding, may protect against adult overweight. *Am J Clin Nutr*. 91(3):619-27, 2010.

Simonsen E, Friis S, Opfjordsmoen S, Mortensen EL, Haahr U, Melle I, Joa I, Johannessen JO, Larsen TK, Røssberg JI, Rund BR, Vaglum P, McGlashan TH. Early identification of non-remission in first-episode psychosis in a two year outcome study. *Acta Psychiatrica Scandinavica*. 122:375-383, 2010.

Skiveren J, Mortensen EL, Hødersdal M. Sun protective behaviour in renal transplant recipients. A qualitative study based on individual interviews and the health belief model. *Journal of Dermatological treatment*. 21:331-336, 2010.

Skovgaard D, Bayer M, Mackey AL, Madsen J, Kjaer M, Kjaer A. Increased cellular proliferation in rat skeletal muscle and tendon in response to exercise. *Journal of Molecular Imaging and Biology*. 12:626-34, 2010.

Skovgaard T, Rasmussen LJ, Munch-Petersen B. Thymidine kinase 1 deficient cells show increased survival rate after UV-induced DNA damage. *Nucleosides Nucleotides and Nucleic Acids*. 29:347-51, 2010.

Smidt D, Torpet LA, Nauntofte B, Heegaard KM, Pedersen AML. Associations between labial and whole salivary flow rates, systemic diseases and medications in a sample of older people. *Community Dent Oral Epidemiol*. 38(5):422-35, 2010.

Sonne MP, Alibegovic AC, Højbjerg L, Vaag A, Stallknecht B, Dela F. The effect of ten days of bed rest on metabolic and vascular insulin action. A study in individuals at risk for type 2 diabetes. *Journal of Applied Physiology*. 108:830-837, 2010.

Sonne MP, Højbjerg L, Alibegovic AC, Vaag A, Stallknecht B, Dela F. Diminished insulin-mediated forearm blood flow and muscle glucose uptake in young men with low birth weight. *Journal of Vascular Research*. 47:139-147, 2010.

Sørensen HJ, Mortensen EL, Schiffman J, Ekstrøm M, Denenney D, Mednick SA. Premorbid IQ and adult schizophrenia spectrum disorder: Verbal and performance subtests. *Psychiatry Research*. 178:23-6, 2010.

Sørensen HJ, Mortensen EL, Schiffman J, Reinisch JM, Maeda J, Mednick SA. Early developmental milestones and risk of schizophrenia. A 45-year follow-up of the Copenhagen Perinatal Cohort. *Schizophrenia Research*. 118:41-7, 2010.

Suetta C, Clemmensen C, Andersen JL, Magnusson SP, Schjerling P, Kjaer M. Coordinated increase in skeletal muscle fiber area and expression of IGF-I with resistance exercise in elderly post-operative patients. *Growth Hormone and IGF Research*. 20:134-40, 2010.

Sundstrup E, Jakobsen MD, Andersen JL, Randers MB, Petersen J, Suetta C, Aagaard P, Krstrup P. Muscle function and postural balance in lifelong trained male footballers compared with sedentary elderly men and youngsters. *Scandinavian Journal of Medicine and Science in Sports*. 20(suppl 1):90-7, 2010.

Svensson RB, Hassenkam T, Grant C, Kjaer M, Magnusson SP. Tensile mechanical properties of collagen fibrils and fascicles are insensitive to environmental salts. *Biophysical Journal*. 99:4020-4027, 2010.

Svensson RB, Hassenkam T, Hansen P, Magnusson SP. Viscoelastic behaviour of discrete human collagen fibrils. *Journal of the Mechanical Behavior of Biomedical Materials*. 3:112-115, 2010.

Thorborg K, Bandholm T, Petersen J, Weeke KM, Weinold C, Andersen B, Serner A, Magnusson SP, Holmich P. Hip abduction strength training in clinical setting: with or without external loading? *Scandinavian Journal of Medicine & Science in Sports*. 20:70-7, 2010.

Vass, M. Forebyggelse af funktionsevnetab hos ældre mennesker [Prevention of functional decline in older people]. *Gerontologi*. 26;4:16-18, 2010.

Von Essen MR, Kongsbak M, Schjerling P, Olgaard K, Odum N, Geisler C. Vitamin D controls T cell antigen receptor signaling and activation of human T cells. *Nature Immunology*. 11:344-9, 2010.

Yang JL, Tadokoro T, Keijzers G, Mattson MP, Bohr VA. Neurons efficiently repair glutamate-induced oxidative DNA damage by a process involving CREB-mediated up-regulation of apurinic endonuclease 1. *J Biol Chem.* 285(36):28191-9, 2010.

## 2011

Aadahl M, Beyer N, Linneberg A, Thuesen BH, Jørgensen T. Grip strength and lower limb extension power in 19-72-year-old Danish men and women: the Health 2006 study. *BMJ Open.* 1:e000192, 2011.

Aagaard P, Bennekou M, Larsson B, Andersen JL, Olesen J, Cramer R, Magnusson SP, Kjaer M. Effects of resistance training on endurance capacity and muscle fiber composition in young top-level cyclists. *Scandinavian Journal of Medicine & Science in Sports.* 21:e298-307, 2011.

Abdallah MW, Greaves-Lord K, Grove J, Nørgaard-Pedersen B, Hougaard DM, Mortensen EL. Psychiatric Comorbidities in Autism Spectrum Disorders: Findings from a Danish Historic Birth cohort. *European Child Adolescence Psychiatry.* 20:599-601, 2011.

Abdallah MW, Grove J, Hougaard DM, Nørgaard-Pedersen B, Ibrahimov F, Mortensen EL. Autism Spectrum Disorders and Maternal Serum alpha-Fetoprotein Levels During Pregnancy. *Canadian Journal of Psychiatry.* 56:727-734, 2011.

Andersen I, Diderichsen F, Kornerup H, Prescott E, Rod NH. Major life events and the risk of ischaemic heart disease: does accumulation increase the risk? *International Journal of Epidemiology.* 40:904-915, 2011.

Andersen LL, Zeeman P, Jørgensen JR, Bech-Pedersen DT, Sørensen J, Kjær M, Andersen JL. Effects of intensive physical rehabilitation on neuromuscular adaptations in adults with poststroke hemiparesis. *Journal of Strength and Conditioning Research.* 25:2808-17, 2011.

Andersen MB, Pingel J, Kjaer M, Langberg H. Interleukin-6: A growth factor stimulating collagen synthesis in human tendon. *Journal of Applied Physiology.* 110:1549-1554, 2011.

Ara I, Larsen S, Stallknecht B, Guerra B, Morales-Alamo D, Andersen JL, Ponce-González JG, Guadalupe-Brau A, Galbo H, Calbet JAL, Helge JW. Normal mitochondrial function and increased fat oxidation capacity in leg and arm muscles in obese humans. *International Journal of Obesity.* 35:99-108, 2011.

Arnold K, Söderqvist T. Medical instruments in museums: immediate impressions and historical meanings. *Isis.* 102(4):718-29, 2011.

Ashton TM, Mankouri HW, Heidenblut A, McHugh PJ, Hickson ID. Pathways for Holliday junction processing during homologous recombination in *Saccharomyces cerevisiae*. *Mol. Cell. Biol.* 31:1921-1933, 2011.

Avlund K, Schultz-Larsen K, Christiansen N, Holm-Pedersen P. Number of teeth in relation to fatigue in older adults. *J Am Geriatr Soc.* 59:1459-1464, 2011.

Avlund K. Muskel- og skeletsygdomme hos gamle mennesker. In: Danneskiold-Samsøe B, Lund H, Währens E (eds). *Klinisk reumatologi for ergoterapeuter og fysioterapeuter – 2. udgave.* Munksgaard Danmark, pp. 27-32, 2011.

Bendix L, Gade MM, Staun PW, Kimura M, Jeune B, Hjelmborg JV, Aviv A, Christensen K. Leukocyte telomere length and physical ability among Danish Twins age 70+. *Mech Ageing Dev.* 132:568-72, 2011.

Bidstrup PE, Thomsen TT, Mortensen EL, Vinther-Larsen M, Johansen J. Critical discussion of social-cognitive factors in smoking initiation among adolescents. *Acta Oncologica.* 50:88-98, 2011.

Birnie K, Cooper R, Martin RM, Kuh D, Sayer AA, Alvarado BE, Bayer A, Christensen K, Cho SI, Cooper C, Corley J, Craig L, Deary IJ, Demakakos P, Ebrahim S, Gallacher J, Gow AJ, Gunnell D, Haas S, Hemmingsson T,

Inskip H, Jang SN, Noronha K, Osler M, Palloni A, Rasmussen F, Santos-Eggimann B, Spagnoli J, Starr J, Steptoe A, Syddall H, Tynelius P, Weir D, Whalley LJ, Zunzunegui MV, Ben-Shlomo Y, Hardy R; HALCyon study team. Childhood socioeconomic position and objectively measured physical capability levels in adulthood: a systematic review and meta-analysis. *PLoS One*. 26;6(1):e15564, 2011.

Blaakilde AL, Thuesen J. Spidsen: DGS efterspørger: Mere viden – mest handling. *Gerontologi. Aldring og ældre – forskning og udvikling*. 27:16-17, 2011.

Blaakilde AL, Jespersen A. Kobjekt. Temanummer af Kulturstudier om krop, sundhed og sygdom. *Kulturstudier* 2011/2.

Blaakilde AL. En 100-årig snapse-elsker. *Gerontologi. Aldring og ældre – forskning og udvikling*. 27(1):24, 2011.

Blaakilde AL. Kronik: Nye familiemønstre – nye guldbryllupper. *Gerontologi. Aldring og ældre – forskning og udvikling*. 27(3):24, 2011.

Blaakilde AL. Nyt fra videnskaberne: Internationalt Symposium i Kulturgerontologi. *Gerontologi. Aldring og ældre – forskning og udvikling*. 27(4):21, 2011.

Blaakilde, AL. Vil du være gammel, plus+ eller ingenting? Anmeldelse i *Gerontologi. Aldring og ældre – forskning og udvikling*. 27(2):20-21, 2011.

Blomberg Jensen M, Bjerrum PJ, Jessen TE, Nielsen JE, Joensen UN, Olesen IA, Petersen JH, Juul A, Dissing S, Jørgensen N. Vitamin D is positively associated with sperm motility and increases intracellular calcium in human spermatozoa. *Hum Reprod*. 10:1307-17, 2011.

Bojsen-Møller J, Schwartz S, Magnusson SP. Limited difference in time to failure between sustained force and position control contractions with the knee extensors. *Scandinavian Journal of Medicine & Science in Sports*. 21(6):e48-55, 2011.

Boushel R, Gnaiger E, Calbet JA, Gonzales-Alonso J, Wright-Paradis C, Søndergaard H, Ara I, Helge JW, Saltin B. Muscle mitochondrial capacity exceeds maximal oxygen delivery in humans. *Mitochondrion*. 11(2):307-7, 2011.

Bradley PS, Mohr M, Bendiksen M, Randers MB, Flindt M, Barnes C, Hood P, Gomez A, Andersen JL, Di Mascio M, Bangsbo J, Krstrup P. Sub-maximal and maximal Yo-Yo intermittent endurance test level 2: heart rate response, reproducibility and application to elite soccer. *European Journal of Applied Physiology*. 111:969-78, 2011.

Carroll CC, Dickinson JM, LeMoine JK, Haus JM, Weinheimer EM, Hollon CJ, Aagaard P, Magnusson SP, Trappe TA. Influence of acetomenaphine and ibuprofen on patellar tendon adaptations to knee extensor resistance training in older adults. *Journal of Applied Physiology*. 111:508-15, 2011.

Chan KL, Hickson ID. New insights into the formation and resolution of ultra-fine anaphase bridges. *Seminars in Cell and Developmental Biology*. 22:906-912. 2011.

Christensen BS, Grønbaek M, Osler M, Pedersen BV, Graugaard C, Frisch M. Associations between physical and mental health problems and sexual dysfunctions in sexually active Danes. *J Sex Med*. 8:1890-1902, 2011.

Christensen B, Dandanell S, Kjaer M, Langberg H. Effect of anti-inflammatory medication on the running-induced rise in patella tendon collagen synthesis in humans. *Journal of Applied Physiology*. 110:137-141, 2011.

Christensen JF, Andersen JL, Adamsen L, Lindegaard B, Mackey AL, Nielsen RH, Rørth M, Daugaard G. Progressive resistance training and cancer testis (PROTRACT) – efficacy of resistance training on muscle

function, morphology and inflammatory profile in testicular cancer patients undergoing chemotherapy: design of a randomized controlled trial. *BMC Cancer*. 1:11:326, 2011.

Clausen TD, Mortensen EL, Mathiesen ER, Hansen T, Jensen DM, Holm SH, Poulsen L, From, M, Schmidt L, Damm P. Cognitive function in adult offspring of women with type 1 diabetes. *Diabetic Medicine*. 28:838-844, 2011.

Dahl M, Hansen P, Stål P, Edmundsson D, Magnusson SP. The mechanical properties of the fascia do not explain chronic compartment syndrome. *Clinical Orthopaedics and Related Research*. 469:3495-500 2011.

Danielsen PL, Holst AV, Maltesen HR, Bassi MR, Holst PJ, Heinemeier KM, Olsen J, Danielsen CC, Poulsen SS, Jorgensen LN, Agren MS. Matrix metalloproteinase-8 overexpression prevents proper tissue repair. *Surgery* 150:897-906, 2011.

Danielsen RL, Blaakilde AL. En KrObjektiv lidelse? Forståelse og behandling af kroniske, diffuse smertelidelser med Fibromyalgi som eksempel. *Kulturstudier*. 2, 2011.

Davidson PK, Gallagher IJ, Hartman JW, Tarnopolsky MA, Dela F, Helge JW, Timmons JA, Philips SM. High responders to resistance exercise training demonstrate differential regulation of skeletal muscle microRNA expression. *Journal of Applied Physiology*. 110(2):309-317, 2011.

Dela F, Niederseer D, Patsch W, Pirich C, Müller E, Niebauer J. Glucose homeostasis and cardiovascular disease biomarkers in older alpine skiers. *Scandinavian Journal of Medicine and Science in Sports*. 21(suppl 1):56-61, 2011.

Desler C, Marcker ML, Singh KK, Rasmussen LJ. The importance of mitochondrial DNA in aging and cancer. *J Aging Res*. 2011:407536, 2011.

Dideriksen KJ, Reitelseder S, Petersen SG, Hjort M, Helmark IC, Kjaer M, Holm L. Stimulation of muscle protein synthesis by whey and caseinate ingestion after resistance exercise in elderly individuals. *Scandinavian Journal of Medicine & Science in Sports*. 21(6):e372-83, 2011.

Dragsted B, Kristensen MM, Nielsen S, Pauli TL, Steinmeier A, Oxlund B. Bevægelse som universalløsning: En antropologisk analyse af arbejdsmiljøprojektet Krop & Kontor. [Movement as a magic bullet – an anthropological analysis of the health promotion project 'Body & Bureau'] *Tidsskriftet Kulturstudier*. 2(2):92-118, 2011.

Eppink B, Tafel AA, Hanada K, van Drunen E, Hickson ID, Essers J, Kanaar R. The response of mammalian cells to UV-light reveals Rad54-dependent and independent pathways of homologous recombination. *DNA Repair*. 10:1095-1105. 2011.

Eriksen L, Grønbæk M, Helge JW, Tolstrup JS, Curtis T. Study Design Article. The KRAM study – the Danish Health Examination Survey 2007-2008. *Scandinavian Journal of Public Health*. 39:203-211, 2011.

Fenger M, Mortensen EL, Poulsen SB, Lau M. No-shows, dropouts and completers in psychotherapeutic treatment: Demographic and clinical predictors in a large sample of non-psychotic patients. *Nordic Journal of Psychiatry*. 65(3):183-91, 2011.

Flensburg-Madsen T, Becker U, Grønbæk M, Knop J, Sher L, Mortensen EL. Alcohol consumption and later risk of hospitalization with psychiatric disorders: Prospective cohort study. *Psychiatry Research*. 187(1-2):214-9, 2011.

Flensburg-Madsen T, Johansen C, Grønbæk M, Mortensen EL. A prospective association between quality of life and risk of cancer. *European Journal of Cancer*. 47:2446-2452, 2011.

Flensborg-Madsen T, von Scholten MB, Flachs EM, Mortensen EL, Eva Prescott E, Tolstrup JS. Tobacco smoking as a risk factor for depression. A 26-year population-based follow-up study. *Journal of Psychiatric Research*. 45(2):143-9, 2011.

Frederiksen BL, Brown Pade N, Dalton SO, Steding-Jessen M, Osler M. Socioeconomic inequalities in prognostic markers of non-Hodgkin lymphoma: analysis of a national clinical database. *European Journal of Cancer*. 47:910-917, 2011.

Grøntved A, Steene-Johannessen J, Kynde I, Franks PW, Helge JW, Froberg K, Anderssen SA, Andersen LB. Association between plasma leptin and blood pressure in two population-based samples of children and adolescents. *Journal of Hypertension*. 29(6):1093-100, 2011.

Hansen M, Langberg H, Holm L, Miller BF, Petersen SG, Doessing S, Skovgaard D, Trappe T, Kjaer M. Effect of administration of oral contraceptives on the synthesis and breakdown of myofibrillar proteins in young women. *Scandinavian Journal of Medicine & Science in Sports*. 21(1):62-72, 2011.

Hauer KA, Kempen GI, Schwenk M, Yardley L, Beyer N, Todd C, Oster P, Zijlstra GA. Validity and sensitivity to change of the falls efficacy scales international to assess fear of falling in older adults with and without cognitive impairment. *Gerontology*. 57:462-72, 2011.

Heegaard K, Avlund K, Holm-Pedersen P, Hvidtfeldt UA, Bardow A, Grønbæk M. Amount and type of alcohol consumption and missing teeth among community dwelling older adults. Findings from the Copenhagen Oral Health Senior Study. *Journal of Public Health Dentistry*. 71(4):318-26, 2011.

Heegaard K, Bardow A, Holm-Pedersen P, Hvidtfeldt U, Grønbæk M, Avlund K. The Copenhagen Oral Health Senior Cohort. Design, population and dental health. *Gerodontology*. 28(3):165-176, 2011.

Heinemeier KM, Kjaer M. In vivo investigation of tendon responses to mechanical loading. *Journal of Musculoskeletal Neuronal Interaction*. 11:115-123, 2011.

Heir T, Rosendal S, Johannesson KB, Michel P, Mortensen EL, Weisaeth L, Andersen HS, Hultman CM. Tsunami-Affected Scandinavian Tourists: Disaster exposure and Post Traumatic Stress Symptoms. *Nordic Journal of Psychiatry*. 65(1):9-15, 2011.

Helge JW, Klein DK, Andersen TM, van Hall G, Calbet J, Boushel R, Saltin B. Interleukin-6 release is higher across arm than leg muscles during whole-body exercise. *Experimental Physiology*. 96(6):590-8, 2011.

Helge JW, Stallknecht B, Drachmann T, Hellgren LI, Jiménez-Jiménez R, Andersen JL, Richelsen B, Bruun JM. Improved glucose tolerance after intensive life style intervention occurs without changes in muscle ceramide or triacylglycerol in morbidly obese subjects. *Acta Physiologica (Oxf)*. 201(3):357-64, 2011.

Hempler NF, Larsen FB, Nielsen SS, Diderichsen F, Andreasen AH, Jorgensen T. A registry-based follow-up study, comparing the incidence of cardiovascular disease in native Danes and immigrants born in Turkey, Pakistan and the former Yugoslavia: do social inequalities play a role? *BMC Public Health*. 11:662, 2011.

Hendriksen C, Vass M. Medikaliseret alderdom – et tveægget sværd. (Medicalized old age – a double-edged sword) *Gerontologi*. 27:19, 2011.

Hickson ID, Mankouri HW. Processing of homologous recombination repair intermediates by the Sgs1-Top3-Rmi1 and Mus81-Mms4 complexes. *Cell Cycle*. 10:3078-3085. 2011.

Hjelmar U, Hendriksen C, Hansen K. Motivation to take part in integrated care – an assessment of follow-up home visits to elderly persons. *International Journal of Integrated Care*. 11:e122, 2011.

- Højbjerg L, Alibegovic AC, Sonne MP, Dela F, Vaag A, Bruun JM, Stallknecht B. Increased lipolysis but diminished expression of lipases in subcutaneous adipose tissue of healthy young males with low birth weight. *Journal of Applied Physiology*. 111(6):1863-70, 2011.
- Højbjerg L, Sonne MP, Alibegovic AC, Nielsen NB, Dela F, Vaag A, Bruun JM, Stallknecht B. Impact of physical inactivity on adipose tissue low-grade inflammation in first-degree relatives of type 2 diabetic patients. *Diabetes Care*. 34(10):2265-2272, 2011.
- Holland P, Burstrom B, Whitehead M, Diderichsen F, Dahl E, Barr B, Nylén L, Chen WH, Thielen K, van der Wel KA, Clayton S, Uppal S. How do macro-level contexts and policies affect the employment chances of chronically ill and disabled people? Part I: The impact of recession and deindustrialization. *International Journal of Health Services*. 41:395-413, 2011.
- Holland P, Nylén L, Thielen K, van der Wel KA, Chen WH, Barr B, Burstrom B, Diderichsen F, Andersen PK, Dahl E, Uppal S, Clayton S, Whitehead M. How do macro-level contexts and policies affect the employment chances of chronically ill and disabled people? Part II: The impact of active and passive labor market policies. *International Journal of Health Services*. 41:415-430, 2011.
- Høst D, Hendriksen C, Borup I. Older people's perception of and coping with falling, and their motivation for fall-prevention programmes. *Scand J Public Health*. 39:742-8, 2011.
- Hvid LG, Ortenblad N, Aagaard P, Kjaer M, Suetta C. Effect of ageing on single muscle fibre contractile function following short-term immobilisation. *Journal of Physiology*. 589:4745-4757, 2011.
- Jagger C, Parker S, Avlund K, Hendriksen C, McKee K. FUTURAGE- A road map for Ageing Research. Healthy Ageing. Work Package 5. *The European Commission's Seventh Framework Programme*. 1-31, 2011.
- Jennum P, Kjellberg J. Health, social and economical consequences of sleep-disordered breathing: a controlled national study. *Thorax*. 66(7):560-6, 2011.
- Jennum P, Gyllenborg J, Kjellberg J. The social and economic consequences of epilepsy: a controlled national study. *Epilepsia*. 52(5):949-56, 2011.
- Jennum P, Wanscher B, Frederiksen J, Kjellberg J. The socioeconomic consequences of multiple sclerosis: A controlled national study. *European Neuropsychopharmacology*. 22(1):36-43, 2011.
- Jennum P, Zoetmulder M, Korbo L, Kjellberg J. The health-related, social, and economic consequences of parkinsonism: a controlled national study. *Journal of Neurology*. 258(8):1497-506, 2011.
- Jeppesen J, Albers PH, Rose AJ, Birk JB, Schjerling P, Dzamko N, Steinberg GR, Kiens B. Contraction-induced skeletal muscle FAT/CD36 trafficking and FA uptake is AMPK independent. *Journal of Lipid Research*. 52:699-711, 2011.
- Jespersen A. Kroppe i laboratoriet – Individuelle kroppe, forsøgskroppe og samfundskroppe i kliniske forsøg med overvægt. *Kulturstudier*. 2, 2011.
- Jespersen JG, Nedergaard A, Reitelseder S, Mikkelsen UR, Dideriksen KJ, Agergaard J, Kreiner F, Pott FC, Schjerling P, Kjaer M. Activated protein synthesis and suppressed protein breakdown signalling in skeletal muscle of critically ill patients. *PloS One*. 31:e18090-e18106, 2011.
- Johnson W, Kyvik KO, Mortensen EL, Skytthe A, Batty GD, Deary IJ. Does Education Confer a Culture of Healthy Behaviour? Smoking and Drinking Patterns in Danish Twins. *American Journal of Epidemiology*. 173(1):55-63, 2011.

- Kaland N, Mortensen EL, Smith L. Social communication impairments in children and adolescents with Asperger syndrome: slow response time and the impact of prompting. *Research in Autism Spectrum Disorders*. 5:1129-1137, 2011.
- Kallikoski KK, Boushel R, Langberg H, Scheede-Bergdahl C, Ryberg AK, Døssing S, Kjaer A, Kjaer M. Differential glucose uptake in quadriceps and other leg muscles during one-legged dynamic submaximal knee-extension exercise. *Frontiers Physiology*. 2:75-81, 2011.
- Kildemoes HW, Sorensen HT, Hallas J. The Danish National Prescription Registry. *Scand J Public Health*. 39(Supple 7):38-41, 2011.
- Kjaer M, Mackey AL. Muscle. In: *Sports Injuries*. Eds: Michael Hutson and Cathy Speed. Oxford University Press, Oxford, pp 40-45, 2011.
- Kongsgaard M, Nielsen CH, Hegnsvad S, Aagaard P, Kjær M, Magnusson SP. Mechanical properties of the human Achilles tendon, *in vivo*. *Clinical Biomechanics*. 26:772-7, 2011.
- Kragstrup TW, Kjaer M, Mackey AL. Structural, biochemical, cellular and functional changes in skeletal muscle extracellular matrix with aging. *Scandinavian Journal of Medicine & Science in Sports*. 21:749-757, 2011.
- Kriegbaum M, Christensen U, Osler M, Lund R. Excessive drinking and history of unemployment and cohabitation in Danish men born in 1953. *European Journal of Public Health*. 21:444-448, 2011.
- Kriegbaum M, Larsen AM, Christensen U, Lund R, Osler M. Reduced probability of smoking cessation in men with increasing number of job losses and partnership breakdowns. *Journal of Epidemiology and Community Health*. 65:511-516, 2011.
- Larsen AM, Lund R, Kriegbaum M, Avlund K, Osler M. Childhood social circumstances and Body Mass Index in adult life: The Metropolit 1953 Danish Male Birth Cohort. *Scandinavian Journal of Public Health*. 39:296-302, 2011.
- Larsen S, Stride N, Hey-Mogensen M, Hansen CN, Andersen JL, Madsbad S, Worm D, Helge JW, Dela F. Increased mitochondrial substrate sensitivity in skeletal muscle in patients with type 2 diabetes. *Diabetologia*. 54(6):1427-1436, 2011.
- Lauritzen M, Dreier JP, Fabricius M, Hartings JA, Graf R, Strong AJ. Clinical relevance of cortical spreading depression in neurological disorders: migraine, malignant stroke, subarachnoid and intracranial hemorrhage, and traumatic brain injury. *Journal of Cerebral Blood Flow and Metabolism*. 31(1):17-35, 2011.
- Liberti SE, Andersen SD, Wang J, May A, Miron S, Perderiset M, Keijzers G, Nielsen FC, Charbonnier JB, Bohr VA, Rasmussen LJ. Bi-directional routing of DNA mismatch repair protein human exonuclease 1 to replication foci and DNA double strand breaks. *DNA Repair*. 10(1):73-86, 2011.
- Lind-Holst M, Cotter JD, Helge JW, Boushel R, Augustesen H, Van Lieshout JJ, Pott FC. Cerebral autoregulation dynamics in endurance-trained individuals. *Journal of Applied Physiology*. 110(5):1327-33, 2011.
- Lukas C, Savic V, Bekker-Jensen S, Doil C, Neumann B, Pedersen RS, Grofte M, Chan KL, Hickson ID, Bartek J, Lukas J. 53BP1 nuclear bodies form around DNA lesions generated by mitotic transmission of chromosomes under replication stress. *Nature Cell Biol*. 13:243-253, 2011.
- Lund R, Christensen U, Iversen L (red). *Medicinsk sociologi. Sociale faktorers betydning for befolkningens helbred*. Munksgaard Danmark, 2011.

Lund R. Sociale relationer og helbred. In: *Medicinsk sociologi. Sociale faktorers betydning for befolkningens helbred*. Munksgaard Danmark, p. 62-84, 2011.

Lunding L. Forebyggelse og sundhed for ældre – et diskussionsbidrag. En undersøgelse af de forebyggende hjemmebesøg hos ældre borgere i Frederiksberg kommune, Rapport, 2011.

Lysen C, Hendriksen C, Faxholm MS, Reuther LØ. Dosisdispensing som årsag til fejlmedicinering ved sektorovergang. [Dose dispensing as a cause of medication errors at sector transition] *Ugeskr Læger*. 173:1944-5, 2011.

Mackey AL, Andersen LL, Frandsen U, Sjøgaard G. Strength training increases the size of the satellite cell pool in type I and II fibres of chronically painful trapezius muscle in females. *The Journal of Physiology*. 589:5503-5515, 2011.

Mackey AL, Brandstetter S, Schjerling P, Bojsen-Møller J, Qvortrup K, Pedersen MM, Doessing S, Kjaer M, Magnusson SP, Langberg H. Sequenced response of extracellular matrix deadhesion and fibrotic regulators after muscle damage is involved in protection against future injury in human skeletal muscle. *FASEB Journal*. 25:1943-59, 2011.

Mackey AL, Holm L, Reitelseder S, Pedersen TG, Doessing S, Kadi F, Kjaer M. Myogenic response of human skeletal muscle to 12 weeks of resistance training at light loading intensity. *Scandinavian Journal of Medicine & Science in Sports*. 21:773-782, 2011.

Madsen M, Andersen PK, Gerster M, Nybo Andersen AM, Christensen K, Osler M. Does the association of education with breast cancer replicate within twin pairs? A register-based study on Danish female twins. *British Journal of Cancer*. 104:520-523, 2011.

Madsen K, Erritzoe D, Mortensen EL, Gade A, Madsen J, Baaré W, Knudsen GM, Hasselbalch SG. Cognitive function is related to fronto-striatal serotonin transporter levels – a brain PET study in young healthy subjects. *Psychopharmacology*. 21:573-81, 2011.

Mankouri HW, Ashton TM, Hickson ID. Holliday junction-containing DNA structures persist in cells lacking Sgs1 or Top3 following exposure to DNA damage. *Proc. Natl. Acad. Sci. U. S. A.* 108:4944-4949. 2011.

Manzardo AM, Madarasz W, Penick EC, Knop J, Mortensen EL, Sørensen HJ, Becker U, Nickel EJ, Gabrielli Jr WF. Effects of Premature Birth on the Risk for Alcoholism Appear to Be Greater in Males than Females: A 45-Yr Danish Birth Cohort Study. *Journal of Studies on Alcohol and Drugs*. 72:390-398, 2011.

Mathiesen C, Caesar K, Thomsen K, Hoogland TM, Witgen BM, Brazhe A, Lauritzen M. Activity-dependent Increases in Local Oxygen Consumption Correlate with Postsynaptic Currents in the Mouse Cerebellum In Vivo. *Journal of Neuroscience*. 31(50):18327-37, 2011.

Mikkelsen UR, Schjerling P, Helmark IC, Reitelseder S, Holm L, Skovgaard D, Langberg H, Kjaer M, Heinemeier KM. Local NSAID infusion does not affect protein synthesis and gene expression in human muscle after eccentric exercise. *Scandinavian Journal of Medicine and Science in Sports*. 21:630-44, 2011.

Miller BF, Ellis D, Robinson MM, Rivera JD, Kjaer M, Langberg H. Measurement of skeletal muscle collagen breakdown by microdialysis. *Scandinavian Journal of Medicine & Science in Sports*. 21:e1-8, 2011.

Mohammed MZ, Vyjayanti VN, Laughton CA, Dekker LV, Fischer PM, Wilson DM, Abbotts R, Shah S, Patel PM, Hickson ID, Madhusudan S. Development and evaluation of human AP endonuclease inhibitors in melanoma and glioma cell lines. *British J. Cancer*. 104:653-663. 2011.

Mortensen EL. The Ageing Intellect. In: Larsen L. *Geropsychology – the psychology of the ageing person*, 65-95, Aarhus University Press, Aarhus, 2011.

Nabe-Nielsen K, Garde AH, Diderichsen F. The effect of work-time influence on health and well-being: a quasi-experimental intervention study among eldercare workers. *Int Arch Occup Environ Health.* 84:683-695, 2011.

Naimi AI, Bourbeau J, Perrault H, Baril J, Wright-Paradis C, Rossi A, Taivassalo T, Sheel AW, Rabol R, Dela F, Boushel R. Altered mitochondrial function in locomotor muscles of patients with COPD. *Clinical Physiology and Functional Imaging.* 31(2):124-131, 2011.

Niederseer D, Ledl-Kurkowski E, Kvita K, Patsch W, Dela F, Müller E, Niebauer J. Changes in cardiovascular risk factors through skiing in the elderly. *Scandinavian Journal of Medicine and Science in Sports.* 21(suppl 1):47-55, 2011.

Nielsen MB, Madsen IE, Bultmann U, Christensen U, Diderichsen F, Rugulies R. Predictors of return to work in employees sick-listed with mental health problems: findings from a longitudinal study. *European Journal of Public Health.* 21:806-811, 2011.

Nielsen RH, Doessing S, Goto K, Holm L, Reitelseder S, Agergaard J, Schjerling P, Flyvbjerg A, Kjaer M. GH receptor blocker administration and muscle-tendon collagen synthesis in humans: *Growth Hormone and IGF Research.* 21:140-145, 2011.

Nieto-Gonzalez JL, Moser J, Lauritzen M, Schmitt-John T, Jensen K. Reduced GABAergic Inhibition Explains Cortical Hyperexcitability in the Wobbler Mouse Model of ALS. *Cereb Cortex.* 21(3):625-35, 2011.

Nilsson C, Avlund K, Lund R. Onset of mobility limitations in old age. The combined effects of socioeconomic position and social relations. *Age Ageing.* 40:607-14, 2011.

Nilsson CJ, Avlund K, Lund R. Social inequality in onset of mobility limitations in midlife – a longitudinal study in Denmark. *European Journal of Ageing.* 8:255-232, 2011.

Norup A, Kristensen KS, Siert L, Poulsen I, Mortensen EL. Neuropsychological support to relatives of patients with severe traumatic brain injury in the sub-acute phase. *Neuropsychological Rehabilitation.* 21:306-321, 2011.

Olsen DB, Scheede-Bergdahl C, Reving D, Boushel R, Dela F. The effect of rowing on endothelial function and insulin action in healthy controls and in patients with type 2 diabetes. *Scandinavian Journal of Medicine and Science in Sports.* 21(3):420-430, 2011.

Osler M, Linneberg A, Glümer C, Jørgensen T. The cohorts at the Research Centre for Prevention and Health, formerly 'The Glostrup Population Studies'. *International Journal of Epidemiology.* 40:602-610, 2011.

Osler M, Nybo Andersen AM. Livsforløb og helbred. In: Lund R, Christensen U, Iversen L(eds), *Medicinsk Sociologi.* Munksgaard, 2011.

Pensot E, Langberg H, Krogsgaard MR, Kjaer M, Kadi F. Telomere length of anterior crucial ligament after rupture: Similar telomere length in injured and noninjured ACL portions. *Journal of Orthopedic Research.* 29:79-83, 2011.

Petersen SG, Beyer N, Hansen M, Holm L, Aagaard P, Mackey AL, Kjaer M. Nonsteroidal anti-inflammatory or glucosamine reduced pain and improved muscle strength with resistance training in a randomized controlled trial of knee osteoarthritis patients. *Archives of Physical Medicine Rehabilitation.* 92(8):1185-1193, 2011.

Petersen SG, Miller BF, Hansen M, Kjaer M, Holm L. Exercise and NSAID: Effect on muscle protein synthesis in knee osteoarthritis patients? *Medicine & Science in Sports Exercise.* 43:425-431, 2011.

- Piilgaard H, Witgen BM, Rasmussen P, Lauritzen M. Cyclosporine A, FK506, and NIM811 ameliorate prolonged CBF reduction and impaired neurovascular coupling after cortical spreading depression. *Journal of Cerebral Blood Flow and Metabolism*. 31(7):1588-98, 2011.
- Poulsen T, Christensen U, Lund R, Avlund K. Measuring aspects of social capital in a gerontological perspective. *European Journal of Ageing*. 8:221-232, 2011.
- Prats C, Gómez-Cabello A, Hansen AV. Intracellular compartmentalization of skeletal muscle glycogen metabolism and insulin signalling. *Experimental Physiology*. 96(4):385-390, 2011.
- Rabøl R, Svendsen PF, Skovbro M, Boushel R, Schjerling P, Nilas L, Madsbad S, Dela F. Skeletal Muscle Mitochondrial Function in Polycystic Ovarian Syndrome. *European Journal of Endocrinology*. 165(4):631-637, 2011.
- Rasmussen LJ, Sander M, Wewer UM, Bohr VA. Meeting Report Aging, Longevity and Health. *Mech. Ageing Dev.* 132:522-532, 2011.
- Reitelseder S, Agergaard J, Doessing S, Helmark IC, Lund P, Kristensen NB, Frystyk J, Flyvbjerg A, Schjerling P, van Hall G, Kjaer M, Holm L. Whey and casein labeled with L-[1-13C]leucine and muscle protein synthesis: effect of resistance exercise and protein ingestion. *American Journal of Physiology – Endocrinology and Metabolism*. 300:E231-242, 2011.
- Reuther LØ, Lysen C, Faxholm M, Salomon L, Hendriksen C. Multi-dose drug dispensing is a challenge across the primary-secondary care interface. *Dan Med Bul.* 58(12):1-5, 2011.
- Risnes KR, Vatten LJ, Baker JL, Jameson K, Sovio U, Kajantie E, Osler M, Morley R, Jokela M, Painter RC, Sundh V, Jacobsen GW, Eriksson JG, Sørensen TI, Bracken MB. Birthweight and mortality in adulthood: a systematic review and meta-analysis. *International Journal of Epidemiology*. 40:647-661, 2011.
- Rosendal S, S,alcöḡlu E, Andersen HS, Mortensen EL. Exposure characteristics and peri-trauma emotional reactions during the 2004 tsunami in Southeast Asia – What predicts posttraumatic stress and depressive symptoms? *Comprehensive Psychiatry*. 52(6):630-637, 2011.
- Sahl, J, Olivarius, N. de Fine and Krasnik A. The Danish National Health Service Register as a source for research on Primary Care. *Scandinavian Journal of Public Health*. 39/7 suppl):34-37, 2011.
- Schiottz M, Price M, Frolich A, Sogaard J, Kristensen JK, Krasnik A, Ross MN, Diderichsen F, Hsu J. Something is amiss in Denmark. A comparison of preventable hospitalizations and readmissions for chronic medical conditions in the Danish Healthcare system and Kaiser Permanente. *BMC Health Services Research*. 11:347, 2011.
- Skovbro M, Boushel R, Hansen CH, Helge JW, Dela F. High fat feeding inhibits exercise induced increase in mitochondrial respiratory flux in skeletal muscle. *Journal of Applied Physiology*. 110:1607-1614, 2011.
- Skovgaard D, Kjaer A, Heinemeier KM, Brandt-Larsen M, Madsen J, Kjaer M. Use of cis-[18F]fluoro-proline for assessment of exercise-related collagen synthesis in musculoskeletal connective tissue. *PloS One*. 11:e16678-16688, 2011.
- Söderqvist T. The seven sisters: subgenres of bioi of contemporary life scientists. *Journal of the History of Biology*. 44:633-650, 2011.
- Sonne MP, Højbjørre L, Alibegovic AC, Nielsen LB, Stallknecht BM, Vaag AA, Dela F. Endothelial function after 10 days of bed rest in individuals at risk for type 2 diabetes and cardiovascular disease. *Experimental Physiology*. 96(10):1000-1009, 2011.

- Sørensen HJ, Manzardo AM, Knop J, Penick EC, Madarasz W, Nickel EJ, Becker U, Mortensen EL. The Contribution of Parental Alcohol Use Disorders and Other Psychiatric Illness to the Risk of Alcohol Use Disorders in the Offspring Alcoholism. *Clinical and Experimental Research*. 35(7):1315-1320, 2011.
- Sørensen HJ, Mortensen EL, Reinisch JM, Mednick SA. A prospective study of smoking in young women and risk of later psychiatric hospitalisation. *Nordic Journal of Psychiatry*. 65(1):3-8, 2011.
- Strøm M, Mortensen EL, Henriksen TB, Olsen SF. Fish Consumption Measured During Pregnancy and Risk of Cardiovascular Diseases Later in Life: an Observational Prospective Study. *PloS ONE*. 6(11):e27330, 2011.
- Suhasini AN, Rawtani NA, Wu Y, Sommers JA, Sharma S, Mosedale G, North PS, Cantor SB, Hickson ID, Brosh RM. Interaction between the helicases genetically linked to Fanconi anemia group J and Bloom's syndrome. *EMBO J*. 30:692-705, 2011. [Featured in 'Research Highlights' *Nature Reviews Molecular Cell Biology* 12, 2011].
- Svensson RB, Hassenkam T, Hansen P, Kjaer M, Magnusson SP. Tensile force transmission in human patellar tendon fascicles is not mediated by glycosaminoglycans. *Connect Tissue Research*. 52:415-429, 2011.
- Timmons JA, Helge JW. A primer on systems biology, as applied to exercise physiology and metabolism. In: IOC volume; *Encyclopaedia of Sports Medicine - "Genetic and Molecular Aspects of Sport Performance"*. Pp. 309-318, 2011.
- Vass M, Hendriksen C. Forebyggelse på ældreområdet – Den praktiserende læges rolle. (Prevention among the elderly – The GP's role). *Månedsskr Almen Prakt*. 89:954-63, 2011.
- Vind BF, Pehmøller C, Treebak JT, Birk JB, Hey-Mogensen M, Beck-Nielsen H, Zierath JR, Wojtaszewski JF, Højlund K. Impaired insulin-induced site-specific phosphorylation of TBC1 domain family member 4 (TBC1D4) in skeletal muscle of type 2 diabetes patients is restored by endurance exercise-training. *Diabetologia*. 54(1):157-67, 2011.
- Yamada Y, Vass M, Hvas L, Igarashi A, Hendriksen C, Avlund K. Collaborative relationship in preventive home visits to older people. *Int J Older People Nurs*. 6(1):33-40, 2011.
- Ying S, Hickson ID. Fanconi anaemia proteins are associated with sister chromatid bridging in mitosis. *Int. J. Hematology*. 93:440-445, 2011.

## 2012

- Abdallah MW, Hougaard DM, Nørgaard-Pedersen B, Grove J, Bonefeld-Jørgensen EC, Mortensen EL. Infections during pregnancy and after birth and risk of autism spectrum disorders: a register-based study utilizing a Danish historic birth cohort. *Turkish Journal of Psychiatry*. 23(4):229-35, 2012.
- Abdallah MW, Larsen N, Grove J, Bonefeld-Jørgensen EC, Nørgaard-Pedersen B, Hougaard DM, Mortensen EL. Neonatal chemokine levels and risk of autism spectrum disorders: Findings from a Danish historic birth cohort follow-up study. *Cytokine*. 61(2):370-6, 2012.
- Abdallah MW, Larsen N, Grove J, Nørgaard-Pedersen B, Thorsen P, Mortensen EL, Hougaard DM. Amniotic Fluid Chemokines and Autism Spectrum Disorders: An Exploratory Study Utilising a Danish Historic Birth Cohort. *Brain, Behavior, and Immunity*. 26(1):170-176, 2012.
- Abdallah MW, Larsen N, Mortensen EL, Atladottir HO, Nørgaard-Pedersen B, Bonefeld-Jørgensen EC, Grove J, Hougaard DM. Neonatal levels of cytokines and risk of autism spectrum disorders: An exploratory register-based historic birth cohort study utilizing the Danish Newborn Schreening Biobank. *Journal of Neuroimmunology*. 252:75-82, 2012.

Abdallah MW, Pearce BD, Larsen N, Greaves-Lord K, Nørgaard-Pedersen B, Mortensen EL, Hougaard DM, Grove J. Amniotic Fluid MMP-9 and Neutrophins in Autism Spectrum Disorders: An exploratory study. *Autism Research*. 5(6):428-33, 2012.

Adegboye ARA, Christensen LB, Holm-Pedersen, Avlund K, Boucher BJ, Heitmann BL. Intake of dairy products in relation to periodontitis in older adults. *Nutrients*. 4:1219-29, 2012.

Akbari M, Krokan HE. Base excision repair efficiency and mechanism in nuclear extracts are influenced by the ratio between volume of nuclear extraction buffer and nuclei-Implications for comparative studies. *Mutat Res*. 736(1-2):33-8, 2012.

Andersen SD, Keijzers G, Rampakakis E, Engels K, Luhn P, El-Shemery M, Nielsen FC, Du Y, May A, Bohr VA, Ferrari S, Zannis-Hadjopoulos M, Fu H, Rasmussen LJ. 14-3-3 checkpoint regulatory proteins interact specifically with DNA repair protein human exonuclease 1 (hEXO1) via a semi-conserved motif. *DNA Repair*. 11:267-277, 2012.

Andersen SD, Liberti SE, Lützen A, Drost M, Bernstein I, Nilbert M, Dominguez M, Nyström M, Hansen TVO, Christoffersen JW, Jäger AC, de Wind N, Nielsen FC, Tørring PM and Rasmussen LJ. Functional characterization of *MLH1* missense variants identified in Lynch Syndrome patients. *Human Mutat*. 33:1647-1655, 2012.

Avlund K. CAMB – A resource for future aging research. *THE VILLUM FOUNDATION AND THE VELUX FOUNDATION'S annual yearbook*. 2012.

Avlund K, Hokland M, Mehlsen MY, Thomsen DK, Viidik A, Ekmann A, Zachariae R. Differential associations between white blood cell counts and fatigue in young and older adults. *Aging Clin Exp Res*. 24(5):439-47, 2012.

Avlund K. Livsforløb og aldring af bevægeapparatet. *Gerontologi*. 29:4-6, 2012.

Bahr R, Alfredson H, Järvinen M, Järvinen T, Khan K, Kjær M, Matheson G, Mæhlum S. Types and causes of injuries. I: *The IOC manual of sports injuries*. Ed: Bahr R et al. Wiley-Blackwell, pp 1-24, 2012.

Bay B, Støvring H, Wimberley T, Denny CH, Mortensen EL, Eriksen H-LF, Kesmodel US. Low to moderate alcohol intake during pregnancy and risk of psychomotor deficits. *Alcoholism: Clinical and Experimental Research*. 36:807-814, 2012.

Bayer ML, Schjerling P, Heinemeier KM, Kjaer M. No donor age effect of human serum on collagen synthesis signaling and cell proliferation of human tendon fibroblasts. *Mechanics of Ageing and Development*. 133:246-254, 2012.

Bergersen LH, Gjedde A. Is lactate a volume transmitter of metabolic states in the brain? *Front Neuroenergetics*. 4:1-6, 2012.

Bertoli A. Web-Based Research Methods and Social Media: Investigating Type 2 Diabetes, Communication, and Identity. Article in publication for an e-book of the conference proceedings of the *Second Global Conference on Chronicity*, 2012.

Beyer N, Magnusson SP, Thorborg K. *Målemetoder i Forebyggelse, Behandling og Rehabilitering*. Munksgaard, 132 pp, 2012.

Beyer N. Værktøjer til systematisk identifikation af nedsat fysisk funktionsniveau hos ældre borgere. Sundhedsstyrelsen, p. 28, 2012.

Blaakilde AL. Bedsteforælderressourcer: Familie og generationer. *Gerontologi. Aldring og ældre – forskning og udvikling*. 28(2):10-12, 2012.

Blaakilde AL. Døde mænd og syge kvinder. Køn, alder og ulighed i sundhed. *Kvinder, Køn & Forskning*. 4:56-63, 2012.

Blaakilde AL: Moderne bedsteforældre og deres plads i familien. Kulturelle perspektiver på ældres rettigheder og pligter i familielivet. I: *Værdig alderdom. Ældres rettigheder i Danmark*. Red. Klaus Slavensky. Forlaget Anderdammen, 2012.

Blomberg Jensen M, Dissing S. Non-genomic effects of vitamin D in human spermatozoa. *Steroids*. 77(10):903-9, 2012.

Blomberg Jensen M, Jørgensen A, Nielsen JE, Bjerrum PJ, Skalkam M, Petersen JH, Egeberg DL, Bangsbøll S, Andersen AN, Skakkebaek NE, Juul A, Rajpert-De Meyts E, Dissing S, Leffers H, Jørgensen N. Expression of the vitamin D metabolizing enzyme CYP24A1 at the annulus of human spermatozoa may serve as a novel marker of semen quality. *Int J Androl*. 35(4):499-510, 2012.

Bønnelycke J. Lev Vel bogen: Rapport fra hele Lev Vel, april 2012:  
<http://www.lvvl.dk/file/217559/levvelbog.pdf>

Brønnum-Hansen H, Baadsgaard M. Widening social inequality in life expectancy in Denmark. A register-based study on social composition and mortality trends for the Danish population. *BMC Public Health*. 12:994, 2012.

Brønnum-Hansen H. Social inequalities in health Expectancy, *European Journal of Public Health*. 22:64-65, 2012.

Bruhl A, Avlund K. Validity and internal consistency of mobility scales for healthy older people in Germany. *J Clin Gerontol Geriatr*. 3(1):29-35, 2012.

Bülow MH. Book review of 'Aldring i kritisk humanistisk perspektiv'. *Gerontologi. Aldring og ældre – forskning og udvikling*. 1:21, 2012.

Bülow MH. Das gute alte Hirn.: Wie die Sorgen um eine alternde Gesellschaft und die Ideen zum kognitiven Enhancement in den Neurowissenschaften interagieren. In: Eilers M, Grüber K, Rehmann-Sutter C (eds.). *Verbesserte Körper – gutes Leben? Bioethik, Enhancement und die Disability Studies*. Frankfurt am Main: Peter Lang. Internationaler Verlag der Wissenschaften, 5: 269-285 (Praktische Philosophie Kontrovers, Vol. 5), 2012.

Bülow MH. Editor, open issue, peer reviewed journal *Kvinder, Køn og Forskning*. Åbent nummer, 4/2012.

Cao R, Ji H, Feng N, Zhang Y, Yang X, Andersson P, Sun Y, Tritsaris K, Hansen AJ, Dissing S, Cao Y. Collaborative interplay between FGF-2 and VEGF-C promotes lymphangiogenesis and metastasis. *Proc Natl Acad Sci*. 109(39):15894-9, 2012.

Cheng C, Jeppesen Edin NF, Lauritzen KH, Aspmadal I, Christoffersen S, Jian L, Rasmussen LJ, Pettersen EO, Xiaoqun G, Bergersen LH. Alterations of monocarboxylate transporter densities during hypoxia in brain and breast tumour cells. *Cel. Oncol*. 35:217-227. 2012.

Christensen JA, Frandsen R, Kempfner J, Arvastson L, Christensen SR, Jennum P, Sorensen HB. Separation of Parkinson's patients in early and mature stages from control subjects using one EOG channel. *Conf Proc IEEE Eng Med Biol Soc*. 2941-4, 2012.

Clayton S, Barr B, Nylén L, Burstrom B, Thielen K, Diderichsen F, Dahl E, Whitehead M. Effectiveness of return-to-work interventions for disabled people: a systematic review of government initiatives focused on changing the behaviour of employers. *European Journal of Public Health*. 22(3):434-9, 2012.

- Conradsen I, Beniczky S, Wolf P, Jenum P, Sorensen HB. Evaluation of novel algorithm embedded in a wearable sEMG device for seizure detection. *Conf Proc IEEE Eng Med Biol Soc.* 2048-51, 2012.
- Coupe C, Suetta C, Kongsgaard M, Hansen P, Hviid L, Dahl M, Bojsen-Moller J, Aagaard P, Kjaer M, Magnusson SP. The effects of short-term immobilization on patellar tendon mechanical properties in old men. *Clinical Biomechanics.* 27(9):949-54, 2012.
- Croteau DL, Rossi ML, Canugovi C, Tian J, Sykora P, Ramamoorthy M, Wang ZM, Singh DK, Akbari M, Kasiviswanathan R, Copeland WC, Bohr VA. RECQL4 localizes to mitochondria and preserves mitochondrial DNA integrity. *Aging Cell.* 11(3):456-66, 2012.
- Daugbjerg SB, Ottesen B, Diderichsen F, Frederiksen BL, Osler M. Socioeconomic factors may influence the surgical technique for benign hysterectomy. *Dan Med J.* 59:A4440, 2012.
- Dela F, Helge JW. Insulin resistance and mitochondrial function in skeletal muscle. *The International Journal of Biochemistry & Cell Biology.* 45:11-15, 2012.
- Dela F, Niederseer D, Patsch W, Pirich C, Müller E, Niebauer J. Alpine Skiing and Glucose Homeostasis. In: *Science and Skiing* V. Eds.: E. Müller, S. Lindinger, T. Stöggli. Meyer & Meyer Sport (UK), pp 104, 2012.
- Desler C, Durhuus JA, Rasmussen LJ. Genome wide screens for expressed hypothetical proteins. *Functional Genomics*, second edition, *Methods in Molecular Biology.* 815:25-38, 2012.
- Desler C, Hansen TL, Frederiksen JB, Marcker ML, Singh KK, Rasmussen LJ. Is there a link between Mitochondrial reserve respiratory capacity and aging? *J. Aging Res.* 2012:192503, 2012.
- Desler C, Rasmussen LJ. Mitochondria In Biology and Medicine. *Mitochondrion.* 12:472-476, 2012.
- Dominguez Valentin M, Carneiro Da Silva F, Monteiro Santos EM, Da Silva SD, de Oliveira Ferreira F, Aguiar Junior S, Gomy I, Vaccaro C, Redal MA, Valle AD, Sarroca C, Rasmussen LJ, Carraro DM, Rossi BM. Evaluation of *MLH1* I219V Polymorphism in Unrelated South American Individuals Suspected of Having Lynch Syndrome. *Anticancer Res.* 32:4347-4351, 2012.
- Drost M, Zonneveld JBM, van Hees S, Rasmussen LJ, Hofstra RMW, de Wind NA. Rapid cell-free assay to test the activity of Lynch Syndromeassociated MSH2 and MSH6 variants suggests absence of pathogenicity in MSH6 variants. *Human Mutat.* 33(3):488-494, 2012.
- Ekmann A, Avlund K, Osler M, Lund R. Do negative social relations influence fatigue in middle aged Danish men? *J Psychosom Res.* 73:277-82, 2012.
- Ekmann A, Osler M, Avlund K. Does fatigue predict non-fatal ischaemic heart disease and all cause mortality in middle aged Danish men? *Psychosom Med.* 74:464-470, 2012.
- Elkjær H, Kristensen E, Mortensen EL, Poulsen S. Efficacy of specialized incest group psychotherapy in reducing symptoms of PTSD: 5 year follow-up of a randomized trial. *European Psychiatry.* 27:1, 2012.
- Emme C, Mortensen EL, Rydahl-Hansen S, Østergaard B, Phanareth K. Danish version of 'The COPD self-efficacy scale': Translation and psychometric properties. *Scandinavian Journal of Caring Sciences.* 26:615-623, 2012.
- Eriksen H-LF, Kesmodel US, Underbjerg M, Kilburn TR, Mortensen EL. Effects of tobacco smoking in pregnancy on offspring intelligence at the age of 5. *Journal of Pregnancy.* 2012:945196, 2012.
- Eriksen H-LF, Mortensen EL, Kilburn T, Underbjerg M, Bertrand J, Støvring H, Wimberley T, Grove J, Kesmodel US. The effects of low to moderate prenatal alcohol exposure in early pregnancy on IQ in 5-year-old children. *BJOG.* 119:1191-1200, 2012.

Flensborg-Madsen T, Tolstrup J, Sørensen HJ, Mortensen EL. Social and psychological predictors of onset of anxiety disorders: results from a large prospective cohort study. *Social Psychiatry and Psychiatric Epidemiology*. 47:711-721, 2012.

Føhns CL, Pedersen AML, Andersen SE. Medicin og mundtørhed. *Månedsskrift for Praktisk Lægegerning*. 10(90):835-38, 2012.

Fredberg U, Kjær M, Krogsgaard M. Idrætsmedicin. In: *Reumatologi*. Eds: Pødenphant J, Jacobsen S, Manniche C, Stengaard-Pedersen K, Tarp U. 521, FADL Forlag, pp 465-488, 2012.

Frederiksen BL, Dalton SO, Osler M, Steding-Jessen M, de Nully Brown P. Socioeconomic position, treatment, and survival of non-Hodgkin lymphoma in Denmark--a nationwide study. *Br J Cancer*. 28:988-995, 2012.

Frederiksen BL, Mårtensson S, Nørgård BM, Johnsen SP, Osler M. Use of clinical databases and central health registries for description of disease courses. *Ugeskrift for Laeger*. 23:1145-1149, 2012.

Friedrichsen M, Ribel-Madsen R, Mortensen B, Hansen CN, Alibegovic AC, Højbjerg L, Sonne MP, Wojtaszewski JFP, Stallknecht B, Dela F, Vaag A. Muscle inflammatory signaling in response to 9 days of physical inactivity in young men with low compared to normal birth weight. *European Journal of Endocrinology*. 167(6):829-38, 2012.

Golembo-Smith S, Schiffman J, Kline E, Sorensen HJ, Mortensen EL, Stapleton L, Hayashi K, Michelsen NM, Ekstrom M, Mednick S. Premorbid Multivariate Markers of Neurodevelopmental Instability in the Prediction of Adult Schizophrenia-Spectrum Disorder: A High-Risk Prospective Investigation. *Schizophrenia Research*. 139:129-135, 2012.

Gorlen T, Gorlen TF, Vass M, Neergaard MA. Praktiserende læger er usikre på subkutan medicinering hos terminale patienter. *Ugeskrift for Laeger*. 174/34:1887, 2012.

Gow AJ, Mortensen EL, Avlund K. Activity participation and cognitive ageing in the Glostrup 1914 cohort from age 50 to 85. *J Am Geriatr Soc*. 60:1831-1838, 2012.

Hansen AV, Grønbæk M, Helge JW, Severin M, Curtis T, Tolstrup JS. Effect of an internet-based intervention to increase physical activity among physically inactive persons in a real-life setting. *J Med Internet Res*. 14(5):E145 1-14, 2012.

Hansen AV, Jensen MG, Nørregaard J. Usund aldring – stop uret! Folder for Center for Sund Aldring. 2012.

Hansen M, Skovgaard D, Reitelseder S, Holm L, Langberg H, Kjaer M. Effects of estrogen replacement and lower androgen status on skeletal muscle collagen and myofibrillar protein synthesis in postmenopausal women. *J Gerontology A Biological and Medical Sciences*. 67(10):1005-13, 2012.

Hansen S, Strøm M, Maslova E, Mortensen EL, Granström C, Olsen SF. A Comparison of three Methods to Measure Asthma in Epidemiologic Studies: Results from the Danish National Birth Cohort. *PLoS ONE*. 7(5):e36328, 2012.

Hanssen-Bauer A, Solvang-Garten K, Akbari A, Otterlei M. X-ray repair cross complementing protein 1 in base excision repair. *Int. J. Mol. Sci.* 13(12):17210-29, 2012.

Heinemeier KM, Mackey AL, Doessing S, Hansen M, Bayer ML, Nielsen RH, Herchenhan A, Malmgaard-Clausen, NM, Kjaer M. GH/IGF-I axis and matrix adaptation of the musculotendinous tissue to exercise in humans. *Scandinavian Journal of Medicine & Science in Sports*. 22:e1-7, 2012.

Heinemeier KM, Skovgaard D, Bayer ML, Qvortrup K, Kjaer A, Kjaer M, Magnusson SP, Kongsgaard M. Uphill running improves rat Achilles tendon tissue mechanical properties and alters gene expression without inducing pathological changes. *Journal of Applied Physiology*. 113:827-836, 2012.

Heinen CD, Rasmussen LJ. Determining the functional significance of mismatch repair gene missense variants using biochemical and cellular assays. *Heredity Cancer in Clin Prac.* 10:9, 2012.

Helge JW, Tobin L, Drachmann T, Hellgren L, Dela F, Galbo H. Muscle ceramide content is similar after 3 weeks consumption of fat or carbohydrate diet in a crossover design in patients with type 2 diabetes. *European Journal of Applied Physiology.* 112(3):911-918, 2012.

Helmark IC, Petersen MC, Christensen HE, Kjaer M, Langberg H. Moderate loading of the human osteoarthritic knee joint leads to lowering of intraarticular cartilage oligometric matrix protein. *Rheumatology International.* 32:1009-1015, 2012.

Henriksen OM, Larsson HBW, Hansen AE, Grüner JM, Law I, Rostrup E. Estimation of intersubject variability of cerebral blood flow measurements using MRI and positron emission tomography. *J Magn Reson Imaging.* 35:1290-1299, 2012.

Hernández-Quevedo C, Tellerup MO, Juul A, Rudkjøbing A, Birk HO, Krasnik A. Do Danes enjoy a high performing chronic care system? *Eurohealth.* 18(1):26-29, 2012.

Hey-Mogensen M, Jeppesen J, Madsen K, Kiens B, Franch J. Obesity augments the age-induced increase in mitochondrial capacity for H<sub>2</sub>O<sub>2</sub> release in Zucker fatty rats. *Acta Physiologica (Oxf).* 204(3):354-61, 2012.

Holm AL, Glümer C, Diderichsen F. Health Impact Assessment of increased cycling to place of work or education in Copenhagen. *BMJ Open.* 2(4), 2012.

Inoue N, Kinugawa S, Suga T, Yokota T, Hirabayashi K, Kuroda S, Okita K, Tsutsui H. Angiotensin II-induced reduction in exercise capacity is associated with increased oxidative stress in skeletal muscle. *Am J Physiol Heart Circ Physiol.* 302:H1202-10, 2012.

Jantzen K, Roursgaard M, Desler C, Loft S, Rasmussen LJ, Møller P. Oxidative damage to DNA by diesel exhaust particle exposure in cocultures of human lung epithelial cells and macrophages. *Mutagenesis.* 27:693-701, 2012.

Jellesmark A, Herling SF, Egerod I, Beyer N. Fear of falling and changed functional ability following hip fracture among community-dwelling elderly people: an explanatory sequential mixed method study. *Disability & Rehabilitation.* 34:2124-31, 2012.

Jennum P, Ibsen R, Petersen ER, Knudsen S, Kjellberg J. Health, social, and economic consequences of narcolepsy: a controlled national study evaluating the societal effect on patients and their partners. *Sleep Med.* 13(8):1086-93, 2012.

Jennum P, Wanscher B, Frederiksen J, Kjellberg J. The socioeconomic consequences of multiple sclerosis: a controlled national study. *Eur Neuropsychopharmacol.* 22(1):36-43, 2012.

Jensen MB, Dunn C, Keijzers G, Kulikowicz T, Rasmussen LJ, Croteau DL, Bohr VA. The helicase and ATPase activities of RECQL4 are compromised by mutations reported in three human patients. *Aging.* 4(11):790-802, 2012.

Jespersen AP, Elgaard Jensen T. Making Consultations run smoothly: An analysis of Doctor's skillful use of time inspired by science and technology studies. *Time & Society.* 21(3):330-350, 2012.

Jespersen AP, Petersen MK, Ren C, Sandberg M. Guest Editorial: Cultural Analysis as Intervention. *Science Studies.* 25(1):3-12, 2012.

- Kamer AR, Morse D, Holm-Pedersen P, Mortensen EL, Ellefsen B, Avlund K. Periodontal inflammation in relation to cognitive function in an older Danish population. *Journal of Alzheimer's Disease*. 28(3):613-24, 2012.
- Kempfner J, Jennum P, Nikolic M, Christensen JA, Sorensen HB. Automatic detection of REM sleep in subjects without atonia. *Conf Proc IEEE Eng Med Biol Soc*. 4242-5, 2012.
- Kesmodel US, Bertrand J, Støvring H, Skarpness B, Denny CH, Mortensen EL. The Lifestyle during Pregnancy Study Group. The effect of different drinking patterns in early to mid-pregnancy on child's intelligence, attention and executive function. *BJOG*. 119:1180-90, 2012.
- Kesmodel US, Eriksen H-LF, Underbjerg M, Kilburn TR, Støvring H, Wimberley T, Mortensen EL. The effect of alcohol binge drinking in early pregnancy on general intelligence in children. *BJOG*. 119:1222-1231, 2012.
- Kesmodel US, Mortensen EL. Different perspectives on the methodology of studying the potential effects of different alcohol drinking patterns in early pregnancy on the neuropsychological development of young children. *BJOG*. 119:1673-1675, 2012.
- Kildemoes HW, Diderichsen F, Krasnik A, Lange T, Andersen M. Is the high-risk strategy to prevent cardiovascular disease equitable? A pharmacoepidemiological cohort study. *BMC Public Health*. 12(1):610, 2012.
- Kildemoes HW, Hendriksen C, Andersen, M. Drug utilization according to the reason for prescribing: A pharmaco-epidemiological method based on an indication hierarchy. *Pharmacoepidemiology and Drug Safety*. 21(10):1027-35, 2012.
- Kildemoes HW, Vass M, Hendriksen C, Andersen M. Statin utilization according to indication and age: A Danish cohort study on changing prescribing and purchasing behaviour. *Health Policy*. 108(2-3):216-27, 2012.
- Kildemoes HW, Vass M, Hendriksen C, Andersen M. Statin utilization according to indication and age: A Danish cohort study on changing prescribing and purchasing behaviour. *Health Policy*. 108:216-227, 2012.
- Kjær M, Rønhøj K, Langberg H. Bindevæv og muskler – funktion, opbygning og basale egenskaber. In: *Ortopædkirurgi for ergoterapeuter og fysioterapeuter*. Eds: Krogsbaard MR, Rheinlænder P, Enemark Larsen A. 584, Munksgaard, pp 29-51, 2012.
- Klausen SH, Mikkelsen UR, Hirth A, Wetterslev J, Kjærgaard H, Søndergaard L, Andersen LL. Design and rationale for the PREVAIL study: effect of e-Health individually tailored encouragements to physical exercise on aerobic fitness among adolescents with congenital heart disease – a randomized clinical trial. *American Heart Journal*. 163(4):549-56, 2012.
- Knorr U, Vinberg M, Mortensen EL, Winkel P, Gluud C, Wetterslev J, Gether U, Kessing LV. Effect of Chronic Escitalopram versus Placebo on Personality Traits in Healthy First-Degree Relatives of Patients with Depression: A Randomized Trial. *PLoS ONE*. 7(2):e31980, 2012.
- Kofoed K, Clemmensen A, Mikkelsen UR, Simonsen L, Andersen O, Gniadecki R. Effects of anti-tumor necrosis factor therapy on body composition and insulin sensitivity in patients with psoriasis. *Archives of Dermatology*. 148(9):1089-91, 2012.
- Larsen S, Hey-Mogensen M, Rabøl R, Stride N, Helge JW, Dela F. The influence of age and aerobic fitness: Effects on mitochondrial respiration in skeletal muscle. *Acta Physiologica*. 205(3):423-432, 2012.
- Larsen S, Møller Kristensen J, Stride N, Wojtaszewski JFP, Helge JW, Dela F. Skeletal muscle mitochondrial respiration in AMPKa2 kinase dead mice. *Acta Physiologica*. 205(2):314-320, 2012.

Larsen S, Nielsen J, Hansen CN, Nielsen LB, Wibrand F, Stride N, Schroder HD, Boushel R, Helge JW, Dela F, Hey-Mogensen M. Biomarkers of mitochondrial content in skeletal muscle of healthy young human subjects. *Journal of Physiology*. 590(14):3349-3360, 2012.

Larsen S, Rabøl R, Hansen CN, Madsbad S, Helge JW, Dela F. Metformin treated patients with type 2 diabetes have normal mitochondrial complex I respiration. *Diabetologia*. 55:443-449, 2012.

Larsen S, Wright-Paradis C, Gnaiger E, Helge JW, Boushel R. Cryopreservation of human skeletal muscle impairs mitochondrial function. *Cryo Letters*. 33(3):169-175, 2012.

Lauritzen F, Heuser K, de Lanerolle NC, Lee TS, Spencer DD, Kim JH, Gjedde A, Eid T, Bergersen LH. Redistribution of monocarboxylate transporter 2 on the surface of astrocytes in the human epileptogenic hippocampus. *Glia*. 60(7):1172-1181, 2012.

Lauritzen F, Perez EL, Melillo ER, Roh JM, Zaveri HP, Lee TSW, Wang Y, Bergersen LH, Eid T. Altered expression of brain monocarboxylate transporter 1 in models of temporal lobe epilepsy. *Neurobiol Dis*. 45(1):165-176, 2012.

Lauritzen M, Mathiesen C, Thomsen KJ. The hemodynamic signal: reflecting neuronal inhibition or excitation? *Neuroimage*. 62(2):1040-50, 2012.

Lauritzen M, Mathiesen C, Schäfer K, Thomsen KJ. Neuronal inhibition and excitation, and the dichotomic control of brain hemodynamic and oxygen responses. *Neuroimage*. 62(2):1040-50, 2012.

Lopez SR, Nilsson CJ, Lund RL, Lopez PM, Fernández-Ballesteros R, Avlund K. Social inequality in dynamic balance performance in an early old age Spanish population: the role of health and life style associated factors. *Archives of Geriatrics and Gerontology*. 54(2):e139-45, 2012.

Lund R, Rod NH, Christensen U. Are negative aspects of social relations predictive of angina pectoris? A six year follow-up study of middle-aged Danish women and men. *Journal of Epidemiology and Community Health*. 66(4):359-65, 2012.

Lyons, L. Delineating disease. *Atrium: The Report of the Northwestern Medical Humanities & Bioethics Program, Graphic*. 10:22-25, 2012.

Lyons, L. Dignity: drawing relationships with the body in *Representações do Corpo na Ciência e na Arte*. In: *A Imagem na Ciência e na Arte*, ed. Cristina Azevedo Tavares, published by Centro de Filosofia das Ciências da Universidade de Lisboa, pp. 75-95, 2012.

Lyons, L. Drawing your way into understanding. *Tracey Journal of drawing and visualisation research*, May 2012.

Mackey AL, Mikkelsen UR, Magnusson SP, Kjaer M. Rehabilitation of muscle after injury – the role of anti-inflammatory drugs. *Scandinavian Journal of Medicine & Science in Sports*. 22:e8-14, 2012.

Madarasz W, Manzardo A, Mortensen EL, Penick E, Knop J, Sørensen HJ, Becker U, Nickel E, Gabrielli WJR. Forty-Five year Mortality Rate as a Function of the Number and Type of Psychiatric Diagnoses Found in a Large Danish Birth Cohort. *Canadian Journal of Psychiatry*. 57:505-511, 2012.

Madsen IE, Aust B, Burr H, Carneiro IG, Diderichsen F, Rugulies R. Paid care work and depression: a longitudinal study of antidepressant treatment in female eldercare workers before and after entering their profession. *Depress Anxiety*. 29:605-13, 2012.

Madsen KS, Jernigan TL, Iversen P, Frokjaer VG, Mortensen EL, Knudsen GM, Baaré WFC. Cortisol awakening response and negative emotionality linked to asymmetry in major limbic fibre bundle architecture. *Psychiatry Research: Neuroimaging*. 201(1):63-72, 2012.

- Madsen RJ, Wilroth A, Bülow MH. Preface. *Kvinder, Køn og Forskning*. Open issue, 4:3-5, 2012.
- Mankouri HW, Chu W-K, Hickson ID. A novel anti-recombinase gains PARity. *Molecular Cell*. 45(1):6-7, 2012.
- Mänty M, Ekmann A, Thinggaard M, Christensen K, Avlund K. Fatigability in basic indoor mobility in nonagenarians. *J Am Geriatr Soc*. 60:1279-1285, 2012.
- Mänty M, Mendes de Leon C, Rantanen T, Era P, Pedersen AN, Ekmann A, Schroll M, Avlund K. Mobility-related fatigue, walking speed and muscle strength in older people. *Journal of Gerontology Medical Sciences*. 67(5):523-9, 2012.
- Marqueti RC, Heinemeier KM, Durigan JL, de Andrade Perez SE, Schjerling P, Kjaer M. Gene expression in distinct regions of rat tendons in response to jump training combined with anabolic androgenic steroid administration. *European Journal of Applied Physiology*. 112:1505-15, 2012.
- Møller A, Mortensen OS, Reventlow S, Skov PG, Andersen JH, Rubak TS, Hansen ÅM, Andersen LL, Lund R, Osler M, Christensen U, Avlund K. Life time occupational physical activity and musculoskeletal ageing in middleaged men and women in Denmark. Retrospective Cohort Study Protocol and Methods. *JMIR Research Protocols*. 1(2):7, 2012.
- Møller A, Reventlow S, Andersen JH, Avlund K, Mortensen OS. Validity of workers' self-reports. Evaluation of a question assessing lifetime exposure to occupational physical activity. *British Journal of Medicine and Medical Research*. 2:536-552, 2012.
- Mølsted S, Dall CH, Hansen H og Beyer N. *Fysisk træning til mennesker med type 2-diabetes, KOL og hjertekarsygdom*. Dokumentalstrappo. Region Hovedstaden, pp 80, 2012.
- Moreira T. The Transformation of Contemporary Health Care. The Market, The Laboratory, and the Forum. Routledge, 2012.
- Mortensen EL, Barefoot J, Avlund K. Do depressive traits and hostility predict age-related decline in general intelligence? *J Aging Res*. 2012:973121, 2012.
- Munch-Andersen T, Olsen DB, Søndergaard H, Daugaard J, Bysted A, Christensen DL, Saltin B, Helge JW. Daily physical activity alleviates the adverse effects of western diet among Inuit in Northwest Greenland. *Int. J. Circum Polar Health*. 19:71;17342, 2012.
- Nabe-Nielsen K, Garde AH, Aust B, Diderichsen F. Increasing work-time influence: consequences for flexibility, variability, regularity and predictability. *Ergonomics*. 55:440-449, 2012.
- Nedergaard A, Jespersen JG, Pingel J, Christensen B, Sroczynski N, Langberg H, Kjaer M, Schjerling P. Effects of 2 weeks lower limb immobilization and two separate rehabilitation regimens on gastrocnemius muscle protein turnover signalling and normalization genes. *BMC Research Notes*. 28:166-172, 2012.
- Nielsen MB, Bültmann U, Madsen IE, Martin M, Christensen U, Diderichsen F, Rugulies R. Health, work, and personal-related predictors of time to return to work among employees with mental health problems. *Disabil Rehabil*. 34(15):1311-6, 2012.
- Nielsen SS, Hempler, NF, Waldorff, FB, Kreiner, S, Krasnik, A. Is there Equity in Use of Healthcare Services among immigrants, their descendants, and ethnic Danes? *Scand J Pub Health*. 40(3):260-70, 2012.
- Nielsen SS, Yazici S, Petersen SG, Blaakilde AL, Krasnik A. Use of Cross-Border Healthcare Services among Ethnic Danes, Turkish Immigrants and Turkish Descendants in Denmark: a combined survey and registry study. *BMC Health Services Research*. 12(1):390, 2012.
- Nilsson CJ, Avlund K. Normal aldring og aldring med sygdom. I: Andresen M, Poulsen DV (eds). *Ergoterapi og fysioterapi til ældre*. Munksgaard Danmark, pp. 31-40, 2012.

- Nordby P, Auerbach PL, Rosenkilde M, Kristiansen L, Thomasen JR, Rygaard L, Groth R, Brandt N, Helge JW, Richter EA, Ploug T, Stallknecht BM. Endurance training per se increases metabolic health in overweight men, a randomized controlled trial. *Obesity*. 20(11):2202-2212, 2012.
- Østergaard D, Dalton SO, Bidstrup PE, Poulsen AH, Frederiksen K, Elov LF, Johansen C, Mortensen EL. Mental vulnerability as a risk factor for depression: a prospective cohort study in Denmark. *International Journal of Social Psychiatry*. 58(3):306-14, 2012.
- Olsen NJ, Mortensen EL, Heitmann BL. Predisposition to Obesity: Should We Target Those Most Susceptible. *Current Obesity Report*. 1(1):35-41, 2012.
- Otto L. EU politiserer den europæiske befolkningens aldring. *Magasinet Europa*, 2012.
- Otto L. Hvad er Det aldrende samfund?: Perspektiver fra humanistisk aldringsforskning. *Gerontologi*. 28(2):17-18, 2012.
- Oxlund B. Brugen af måleapparater i håndteringen af livsstilssygdomme i Danmark. *Tidsskrift for forskning i sygdom og samfund*. 17:101-118, 2012.
- Oxlund, B. Living by numbers: The dynamic interplay of asymptomatic conditions and low cost measurement technologies in the cases of two women in the Danish provinces. *Suomen Antropologi: Journal of the Finnish Anthropological Society*. 37(3):42-56, 2012.
- Oxlund B. Sexuality and Ageing – a review of “Sexuality and Lovelife of the Elderly – taboos, myths, and knowledge”. Seksualitet og aldring – review of “Ældres seksualitet & kærlighedsliv – tabuer, myter & viden”. ÆldreForum 2010. *Gerontologi. Aldring og ældre – forskning og udvikling*. 28(1):20, 2012.
- Paulsen G, Mikkelsen UR, Raastad T, Peake JM. Leucocytes, cytokines and satellite cells: what role do they play in muscle damage and regeneration following eccentric exercise? *Exercise Immunology Review*. 18:42-97, 2012.
- Pedersen AML, Dynesen AW. Ældres tand- og mundsundhed relateret til kostindtag og ernæringsstatus. *Diætisten*. 117:14-17, 2012.
- Pedersen AML, Poulsen AH. Orale manifestationer ved Sjögrens syndrom og reumatoid artritis. *Tandlægebladet*. 116(3):182-88, 2012. Same article published in: *Tandläkartidningen 2012, The Norwegian Dental Journal*. 122(2):122-8, 2012, and the *Finnish Dental Journal* 2012.
- Pedersen AML, Vissink A, Proctor G. Saliva and salivary biomarkers for primary Sjögren’s syndrome. A valid tool for diagnosing SS, for monitoring disease activity and prognosis, and for assessing treatment efficacy? *New Advances in Oral Medicine*. 2, 2012.
- Pedersen AML, Vissink A, Proctor G. Point-of-care diagnostics in oral medicine: salivary biomarkers potential and limitations. *New Advances in Oral Medicine*. 2, 2012.
- Pedersen M, Pedersen KK, Bruunsgaard H, Krabbe KS, Thomsen C, Færch K, Pedersen BK, Mortensen EL. Cognitive Functions in Middle Aged Individuals are Related to Metabolic Disturbances and Aerobic Capacity: A Cross-sectional Study. *PLoS ONE*. 7(12):e51132, 2012.
- Perez EL, Lauritzen F, Wang Y, Lee TS, Kang D, Zaveri HP, Chaudhry FA, Ottersen OP, Bergersen LH, Eid T. Evidence for astrocytes as a potential source of the glutamate excess in temporal lobe epilepsy. *Neurobiol Dis*. 47(3):331-337, 2012.
- Petersen CB, Grønbæk M, Helge JW, Thygesen LC, Tolstrup JS. Changes in physical activity and the risk of myocardial infarction, ischemic heart disease, and all-cause mortality. *Eur J Epidemiology*. 27(2):91-99, 2012.

- Petersen SG, Rasmussen MB, Blaakilde AL. Sundhedsfremme for udsatte borgere med anden etnisk baggrund end dansk. Erfaringer fra ti gode virkerum for sundhed i København. Rapport fra Center for Sund Aldring, Københavns Universitet, SAXO-instituttet, Afdeling for etnologi, 2012.
- Piirtola M, Pajala S, Karinkanta S, Mänty M, Pitkänen T, Punakallio A, Sihvonen S, Kettunen J, Kangas H. Evidence based physiotherapy guidelines for prevention of falls and fall injuries (In Finnish). *Fysioterapia (physiotherapy)*. 1:12-17, 2012.
- Pingel J, Fredberg U, Qvortrup K, Larsen JO, Schjerling P, Heinemeier KM, Kjaer M, Langberg H. Local biochemical and morphological differences in human Achilles tendinopathy: a case control study. *BMC Musculoskeletal Disorders*. 13:53-59, 2012.
- Pingel J, Langberg H, Skovgård D, Koskinen S, Flyvbjerg A, Frystyk J, Kjær M, Hansen M. Effects of transdermal estrogen on collagen turnover at rest and in response to exercise in postmenopausal women. *Journal of Applied Physiology*. 113:1040-1047, 2012.
- Plenge U, Belhage B, Guadalupe-Grau A, Andersen PR, Lundby C, Dela F, Stride N, Pott FC, Helge JW, Boushel R. Erythropoietin treatment enhances muscle mitochondrial capacity in humans. *Frontiers in Physiology*. 3:50, 2012.
- Poulsen T, Siersma VD, Lund R, Christensen U, Vass M, Avlund K. Impact of social capital on 8 year mortality among older people in 34 Danish municipalities. *J Aging Health*. 24:1203-22, 2012.
- Rantakokko M, Iwarsson S, Mänty M, Leinonen R, Rantanen T. Perceived barriers in the outdoor environment and development of walking difficulties in older people. *Age and Ageing*. 41:118-121, 2012.
- Rasmussen LJ, Heinen CD, Royer-Pokora B, Drost M, Tavtigian S, Hofstra RMW, de Wind N. Pathological assessment of mismatch repair gene variants in Lynch syndrome: past, present and future. *Human Mutat*. 33:1617-25, 2012.
- Regnell CE, Hildrestrand GA, Sejersted Y, Medin T, Moldestad O, Rolseth V, Krokeide SZ, Suganthan R, Luna L, Bjørås M, Bergersen LH. Hippocampal adult neurogenesis is maintained by Neil3-dependent repair of oxidative DNA lesions in neural progenitor cells. *Cell Rep*. 2:503-510, 2012.
- Rinholm JE, Bergersen LH. The wrap that feeds neuorns. *Nature*. 487:435-436, 2012.
- Rod NH, Kristensen TS, Lange P, Prescott E, Diderichsen F. Perceived stress and risk of adult-onset asthma and other atopic disorders: a longitudinal cohort study. *Allergy*. 67:1408-14, 2012.
- Rod NH, Lange T, Andersen I, Marott JL, Diderichsen F. Additive interaction in survival analysis: use of the additive hazards model. *Epidemiology*. 23:733-737, 2012.
- Rostrup E, Gouw AA, Vrenken H, Van Straaten ECW, Ropele S, Pantoni L, Inzitari D, Barkhof F, Waldemar G & on behalf of the LADIS study group. The spatial distribution of age-related white matter changes as a function of vascular risk factors-Results from the LADIS study. *NeuroImage*. 60:1597-1607, 2012.
- Rudkjøbing A, Tellerup MO, Birk HO, Juul A, Hernández-Quevedo C, Krasnik A. Integrated care: a Danish perspective. *British Medical Journal*. 345:e4451, 2012.
- Sakakibara M, Yamada S, Kamiya K, Yokota T, Oba K, Tsutsui H. Sleepdisordered breathing is an independent risk factor of aborted sudden cardiac arrest in patients with coronary artery spasm. *Circ J*. 76:2204-10, 2012.
- Schäfer K, Blankenburg F, Kupers R, Grüner JM, Law I, Lauritzen M, Larsson HB. Negative BOLD signal changes in ipsilateral primary somatosensory cortex are associated with perfusion decreases and behavioral evidence for functional inhibition. *NeuroImage*. 59(4):3119-27, 2012.

- Scheibye-Knudsen M, Ramamoorthy M, Sykora P, Maynard S, Lin P-C, Minor RK, Wilson III DM, Cooper M, Spencer R, de Cabo R, Croteau DL, Bohr VA. Cockayne syndrome group B protein prevents mitochondrial stress and promotes autophagy. *J Exp Med.* 209(4):855-869, 2012.
- Schofield KL, Rehrer NJ, Perry TL, Ross A, Andersen JL, Osborne H. Insulin and Fiber Type in Offspring of T2DM with Resistance Training and Detraining. *Medicine & Science in Sports & Exercise.* 44:2331-9, 2012.
- Sghaier H, Bouchami O, Desler C, Lazim H, Saidi M, Rasmussen LJ, Hassen AB. Analysis of the antimicrobial susceptibility of the ionizing-radiation-resistant bacterium Deinococcus radiodurans: implications for bioremediation of radioactive waste. *Annals of Microbiology.* 62:493–500, 2012.
- Skogerbo Å, Kesmodel US, Wimberley T, Støvring H, Bertrand J, Landrø NI, Mortensen EL. The effects of low to moderate alcohol consumption and binge drinking in early pregnancy on executive function in five-yearold children. *BJOG.* 119:1201-1210, 2012.
- Snoer M, Monk-Hansen T, Olsen RH, Pedersen LR, Simonsen L, Rasmussen H, Dela F, Prescott E. Insulin resistance and exercise tolerance in heart failure patients: linkage to coronary flow reserve and peripheral vascular function. *Cardiovasc Diabetol.* 11(1):97, 2012.
- Søndergaard G, Mortensen LH, Nybo Andersen AM, Andersen PK, Dalton SO, Madsen M, Osler M. Does shared family background influence the impact of educational differences on early mortality? *Am J Epidemiol.* 15;176:675-683, 2012.
- Sorensen GL, Jennum P, Kempfner J, Zoetmulder M, Sorensen HBD. A computerized algorithm for arousal detection in healthy adults and patients with Parkinsons Disease. *Journal of Clinical Neurophysiology.* 29(1):58-64, 2012.
- Sørensen HJ, Sæbye D, Urfer-Parnas A, Mortensen EL, Parnas J. Premorbid intelligence and educational level in bipolar and unipolar disorder: A Danish draft board study. *Journal of Affective Disorders.* 136(3):1188-91, 2012.
- Stride N, Larsen S, Treebak JT, Hansen CN, Hey-Mogensen M, Speerschneider T, Jensen TE, Jeppesen J, Wojtaszewski JFP, Køber L, Dela F. 5'- AMP Activated Protein Kinase is involved in the regulation of myocardial β-oxidative capacity in mice. *Frontiers in Cardiac Muscle Physiology.* 3(33), 2012.
- Strøm M, Halldorsson TI, Mortensen EL, Torp-Pedersen C, Olsen SF. Fish, n-3 Fatty Acids, and Cardiovascular Diseases in Women of Reproductive Age: A Prospective Study in a Large National Cohort. *Hypertension.* 59:36-43, 2012.
- Suetta C, Frandsen U, Jensen L, Jensen M, Jespersen JG, Hvid LG, Bayer M, Petersson SJ, Schrøder HD, Andersen JL, Heinemeier KM, Aagaard P, Schjerling P, Kjaer M. Aging Affects the Transcriptional Regulation of Human Skeletal Muscle Disuse Atrophy. *PLoS ONE.* 7(12):e51238, 2012.
- Suga T, Okita K, Takada S, Omokawa M, Kadoguchi T, Yokota T, Hirabayashi K, Takahashi M, Morita N, Horiuchi M, Kinugawa S, Tsutsui H. Effect of multiple set on intramuscular metabolic stress during low-intensity resistance exercise with blood flow restriction. *Eur J Appl Physiol.* 112:3915-20, 2012.
- Svensson RB, Hansen P, Hassenkam T, Haraldsson BT, Aagaard P, Kovanen V, Krosgaard M, Kjaer M, Magnusson SP. Mechanical properties of human patellar whole tendon at the hierarchical levels of tendon and fibril. *Journal of Applied Physiology.* 112(3):419-26, 2012.
- Takada S, Okita K, Suga T, Omokawa M, Kadoguchi T, Sato T, Takahashi M, Yokota T, Hirabayashi K, Morita N, Horiuchi M, Kinugawa S, Tsutsui H. Low-intensity exercise can increase muscle mass and strength proportionally to enhanced metabolic stress under ischemic conditions. *J Appl Physiol.* 113:199-205, 2012.

Takada S, Okita K, Suga T, Omokawa M, Morita N, Horiuchi M, Kadoguchi T, Takahashi M, Hirabayashi K, Yokota T, Kinugawa S, Tsutsui H. Blood flow restriction exercise in sprinters and endurance runners. *Med Sci Sports Exerc.* 44:413-419, 2012.

Taylor-Robinson D, Whitehead M, Diderichsen F, Olesen HV, Pressler T, Smyth RL, Diggle P. Understanding the natural progression in %FEV1 decline in patients with cystic fibrosis: a longitudinal study. *Thorax.* 67:860-6, 2012.

Vafaee MS, Vang K, Bergersen LH, Gjedde A. Oxygen consumption and blood flow coupling in human motor cortex during intense finger tapping: implication for a role of lactate. *J Cereb Blood Flow Metab.* 32:1859-1868, 2012.

Vass M, Avlund K. Forebyggende hjemmebesøg. I *Ergoterapi og fysioterapi til ældre.* Eds: Andresen M, Poulsen DV. Munksgaard Danmark, pp. 193-201, 2012.

Vass M, Hendriksen C. Mindre er måske mere – Kan medicinordination til ældre mennesker forbedres? *Månedsskr Almen Prakt.* 90:953-64, 2012.

Vestergaard P, Jørgensen JOL, Olesen JL, Bosnjak E, Holm L, Flystyk J, Langberg H, Kjaer M, Hansen M. Local administration of growth hormone stimulates tendon collagen synthesis in elderly men. *Journal of Applied Physiology.* 113(9):1432-38, 2012.

Wallach-Kildemoes H, Diderichsen F, Krasnik A, Lange T, Andersen M. Is the high-risk strategy to prevent cardiovascular disease equitable? A pharmacoepidemiological cohort study. *BMC Public Health.* 4;12:610, 2012.

Wendt SL, Christensen JA, Kempfner J, Leonthin HL, Jennum P, Sorensen HB. Validation of a novel automatic sleep spindle detector with high performance during sleep in middle aged subjects. *Conf Proc IEEE Eng Med Biol Soc.* Aug 4250-3, 2012.

Whyte SR. Chronicity and Control: Framing ‘noncommunicable diseases’. Special issue ‘Medical anthropology in Europe: shaping the field’ *Anthropology & Medicine.* 19(1):63-74, 2012.

Yamada Y, Ekmann A, Nilsson CJ, Vass M, Avlund K. Are acceptance rates of a national preventive home visit programme for older people socially imbalanced? *BMC Public Health.* 12:396, 2012.

Yamada Y, Siersma V, Avlund K, Vass M. Formal home help services and institutionalisation. *Archives of Geriatrics and Gerontology.* 54(2):e52-6, 2012.

Yang J, Bachrati CZ, Hickson ID, Brown GW. BLM and RMI1 alleviate RPA inhibition of Topo IIIa decatenase activity. *PLoS One.* 7:e41208, 2012.

## 2013 (only selected publications from this year)

Abdallah MW, Larsen N, Grove J, Nørgaard-Pedersen B, Thorsen P, Mortensen EL, Hougaard DM. Amniotic Fluid Inflammatory Cytokines: Potential Markers of Immunologic Dysfunction in Autism Spectrum Disorders. *World Journal of Biological Psychiatry.* 14(7):528-38, 2013.

Abdallah MW, Mortensen EL, Greaves-Lord K, Larsen N, Bonefeld-Jørgensen EC, Nørgaard-Pedersen B, Hougaard DM, Grove J. Neonatal Levels of Neurotrophic Factors and Risk of Autism Spectrum Disorders. *Acta Psychiatrica Scandinavica.* 128(1):61-9, 2013.

Avlund K, Waller L, Kjær M. Træthed som led i aldringsprocessen: En indikator på sårbarhed? I: Jennum P (ed). *Søvn.* Munksgaard Danmark. 2013.

Avlund K. Fatigue in older populations. *Fatigue.* 1:43-63, 2013.

- Bechshoeft R, Dideriksen KJ, Reitelseder S, Scheike T, Kjaer M, Holm L. The anabolic potential of dietary protein intake on skeletal muscle is prolonged by prior light-load exercise. *Clin Nutr.* 32(2):236-44, 2013.
- Biebricher A, Hirano S, Enzlin JH, Wiechens N, Streicher WW, Wang LHC, Nigg EA, Owen-Hughes T, Liu Y, Peterman E, Wuite GJL, Hickson ID. PICH: a DNA translocase specially adapted for processing anaphase bridge DNA. *Molecular Cell.* 51:691-701, 2013.
- Blaakilde AL. 'Et rigtigt menneske'. Folkloristiske fortolkninger af en kvindes fortællinger om arbejds- og familieliv i et livshistorisk perspektiv. I: *Folkloristikens utmaninger. En vennebog til Ulf Palmenfelt*. Eds. Owe Ronström, Jonas Engman og Georg Drakos. Gotland: Gotland University Press, pp. 202-228, 2013.
- Blaakilde AI, Nilsson G (Eds). Nordic Seniors on the Move. Mobility and Migration in later life. *Lund Studies in Arts and Cultural Sciences.* 4, 2013.
- Brazhe A, Mathiesen C, Lauritzen M. Multiscale Vision Model Highlights Spontaneous Glial Calcium Waves Recorded by 2-Photon Imaging in Brain Tissue. *Neuroimage.* 68:192-202, 2013.
- da Cunha-Bang SA, Stenbæk DS, Holst KK, Licht CL, Jensen PS, Frokjaer VF, Mortensen EL, Knudsen GM. Traits Aggression and Impulsivity are not related to 5-HT2A Receptor Binding in Healthy Individuals. *Psychiatry Research Neuroimaging.* 212(2):125-31, 2013.
- Drost M, Lützen A, van Hees S, Ferreira D, Calléa F, Zonneveld JBM, Nielsen FC, Rasmussen LJ, de Wind N. Genetic screens for the identification of pathogenic gene variants in the cancer predisposition Lynch syndrome. *Proc. Natl. Acad. Sci. USA.* 110:9403-9408, 2013.
- Ekmann A, Petersen I, Mänty M, Christensen K, Avlund K. Fatigue, general health and ischemic heart disease in older adults. *J Gerontol Med Sci.* 68(3):279-85, 2013.
- Fagerlund B, Pinborg LH, Mortensen EL, Friberg L, Baaré WFC, Gade A, Svarer C, Glenthøj BY. Relation of Frontal D2/3 Binding Potentials to Cognition: A Study of Antipsychotic-Naïve Schizophrenia Patients. *The International Journal of Neuropsychopharmacology.* 16(1):23-36, 2013.
- Fieo R, Mortensen EL, Rantanen T, Avlund K. Improving a measure of mobility-related fatigue (the Mob-T Scale) by establishing item intensity. *J Am Geriatr Soc.* 61(3):429-33, 2013.
- Flensburg-Madsen T, Sørensen HJ, Revsbech R, Mortensen EL. Early motor developmental milestones and level of neuroticism in young adulthood. A 23-year follow-up study of the Copenhagen Perinatal Cohort. *Psychological Medicine.* 43(6):1293-301, 2013.
- Fritz T, Caidahl K, Krook A, Lundström P, Mashili F, Osler M, Szekeres FL, Ostenson CG, Wändell P, Zierath JR. Effects of Nordic walking on cardiovascular risk factors in overweight individuals with type 2 diabetes, impaired or normal glucose tolerance. *Diabetes Metab Res Rev.* 29(1):25-32, 2013.
- Fugger K, Chu W-K, Haahr P, Kousholt AN, Beck H, Payne MJ, Hanada K, Hickson ID, Sørensen CS. FBH1 co-operates with MUS81 in inducing DNA double-strand breaks and cell death following replication stress. *Nature Communications.* 4:1423, 2013.
- Goto D, Kinugawa S, Hamaguchi S, Sakakibara M, Tsuchihashi-Makaya M, Yokota T, Yamada S, Yokoshiki H, Tsutsui H. Clinical characteristics and outcomes of dilated phase of hypertrophic cardiomyopathy: Report from the registry data in Japan. *J Cardiol.* 61(1):65-70, 2013.
- Hansen M, Boesen A, Holm L, Flyvbjerg A, Langberg H, Kjaer M. Local administration of insulin-like growth factor-I (IGF-I) stimulates tendon collagen synthesis in humans. *Scand J Med Sci Sports.* 23(5):614-9, 2013.

Heinemeier KM, Bjerrum SS, Schjerling P, Kjaer M. Expression of extracellular matrix components and related growth factors in human tendon and muscle after acute exercise. *Scand J Med Sci Sports*. 23(3):e150-61, 2013.

Heinemeier KM, Schjerling P, Heinemeier J, Magnusson SP, Kjaer M. Lack of tissue renewal in human adult Achilles tendon is revealed by nuclear bomb 14C. *FASEB J.* 27:2074-2079, 2013.

Henriksen OM, Kruuse C, Olesen J, Jensen LT, Larsson HBW, Birk S, Hansen JM, Wienecke T, Rostrup E. Sources of variability of resting cerebral blood flow in healthy subjects: a study using <sup>133</sup>Xe SPECT measurements. *J Cereb Blood Flow Metab*. 33:787–92, 2013.

Herchenhan A, Bayer ML, Svensson RB, Magnusson SP, Kjaer M. In vitro tendon tissue development from human fibroblasts demonstrates collagen fibril diameter growth associated with a rise in mechanical strength. *Dev Dyn*. 242(1):2-8, 2013.

Hvid LG, Suetta C, Aagaard P, Kjaer M, Frandsen U, Ortenblad N. Four days of muscle disuse impairs single fiber contractile function in young and old healthy men. *Exp Gerontol*. 48(2):154-61, 2013.

Idland G, Pettersen R, Avlund K, Bergland A. Physical performance as long-term predictor of onset of ADL disability: A nine-year longitudinal study among community-living older women. *Arch Gerontol Geriatr*. 56(3):501-6, 2013.

Jennum P, Frederiksen JL, Wanscher B, Kjellberg J. The socioeconomic consequences of optic neuritis with and without multiple sclerosis: a controlled national study. *Acta Neurol Scand*. 127(4):242-50, 2013.

Jennum P, Ibsen R, Petersen ER, Knudsen S, Kjellberg J. Health, social, and economic consequences of narcolepsy: a controlled national study evaluating the societal effect on patients and their partners. *Sleep Med*. 13: 1086-93, 2012. Erratum in: *Sleep Med*. 14:1039-40, 2013.

Jennum P, Ibsen R, Pedersen SW, Kjellberg J. Mortality, health, social and economic consequences of amyotrophic lateral sclerosis: a controlled national study. *J Neurol*. 260(3):785-93, 2013.

Jennum P, Kjellberg J, Ibsen R, Bendix T. Health, social and economic consequences of neck injuries: a controlled national study evaluating societal effects on patients and their partners. *Spine, (Phila Pa 1976)*. 38(5):449-57, 2013.

Jeppesen J, Maarbjerg S, Jordy A, Sylow L, Fritzen A, Pehmøller C, Serup A, Jessen N, Thorsen K, Prats C, Qvortrup K, Dyck J, Hunter R, Sakamoto K, Thomson D, Schjerling P, Wojtaszewski J, Richter E, Kiens B. LKB1 regulates lipid oxidation during exercise independently of AMPK. *Diabetes*. 62(5):1490-9, 2013.

Jespersen A, Bønnelycke J, Eriksen HH. Careful science? Bodywork and care practices in randomised clinical trials. *Sociology of Health and Illness*. 35:8, 2013.

Kesmodel US, Bay B, Wimberley T, Eriksen HLF, Mortensen EL. Does Binge Drinking During Early Pregnancy Increase the Risk of Psychomotor Deficits? *Alcoholism: Clinical and Experimental Research*. 37(7):1204-12, 2013.

Kristensen D, Prats C, Larsen S, Ara I, Dela F, Helge JW. Ceramide content is higher in type I compared to type II fibers in obesity and type 2 diabetes mellitus. *Acta Diabetologica*. 50(5):705-12, 2013.

Kristensen JM, Larsen S, Helge JW, Dela F, Wojtaszewski J. Two Weeks of Metformin treatment Enhances Mitochondrial Respiration in Skeletal Muscle of AMPK Kinase Dead But Not Wild Type Mice. *PLOS ONE*. 8(1):e53533, 2013.

Larsen NB, Hickson ID. RecQ helicases – conserved guardians of genome integrity. *Adv Exp Med Biol*. 767:161-84, 2013.

- Larsen S, Stride N, Hey-Mogensen M, Hansen CN, Bang LE, Bundgaard H, Nielsen LB, Helge JW, Dela F. Simvastatin effects on skeletal muscle: Relation to decreased mitochondrial function and glucose Intolerance. *Journal of American College of Cardiology*. 61(1):44-53, 2013.
- Machado AM, Desler C, Bøggild S, Strickertsson JA, Friis-Hansen L, Figueiredo C, Seruca R, Rasmussen LJ. Helicobacter pylori infection affects mitochondrial function and DNA repair, thus, mediating genetic instability in gastric cells. *Mech. Aging Dev.* 134(10):460-6, 2013.
- Makransky G, Mortensen EL, Glas CAW. Improving personality facet scores with multidimensional computer adaptive testing: An illustration with the NEO PI-R. *Assessment*. 20(1):3-13, 2013.
- Mänty M, Rantanen T, Era P, Avlund K. Fatigue and depressive symptoms in older people. *Journal of Applied Gerontology*. 33(4):505-14, 2013.
- Martins MV, Peterson BD, Costa P, Costa ME, Lund R, Schmidt L. Interactive effects of social support and disclosure on fertility related stress. *Journal of Social and Personal Relationships*. 30(4):371-388, 2013.
- Mathiesen C, Brazhe A, Thomsen K, Lauritzen, M. Spontaneous Calcium Waves in Bergman Glia Increase with Age and Hypoxia and May Reduce Tissue Oxygen. *J Cereb Blood Flow Metab*. 33(2):161-9, 2013.
- Maynard S, Keijzers G, Gram M, Desler C, Bendix L, Budtz-Jørgensen E, Molbo D, Croteau DL, Osler M, Stevnsner T, Rasmussen LJ, Dela F, Avlund K, Bohr VA. Relationships between human vitality and mitochondrial respiratory parameters, reactive oxygen species production and dNTP levels in peripheral blood mononuclear cells. *Aging (Albany NY)*. 5(11):850-64, 2013.
- Mikkelsen UR, Couppe C, Karlsen A, Grosset JF, Schjerling P, Mackey A, Hedegaard H, Magnusson SP, Kjaer M. Life-long endurance exercise in humans: Circulating levels of inflammatory markers and leg muscle size. *Mech Age Dev*. 134(11-12):531-40, 2013.
- Moerch L, Pingel J, Boesen M, Kjaer M, Langberg H. The effect of acute exercise on collagen turnover in human tendons: influence of prior immobilization period. *Eur J Appl Physiol* 113(2):449-55, 2012.
- Munch-Andersen T, Sorensen K, Andersen LB, Aachmann-Andersen N, Aksglæde L, Juul A, Helge JH. Adverse Metabolic Risk Profiles Independent of Aerobic Fitness and Fatness in Greenlandic Inuit Children. *Obesity*. 21(6):1226-31, 2013.
- Nguyen GH, Dexheimer TS, Rosenthal AS, Chu W-K, Singh DK, Mosedale G, Bachrati CZ, Schultz L, Sakurai M, Savitsky P, Abu M, McHugh PJ, Bohr VA, Harris CC, Jadhav A, Gileadi O, Maloney DJ, Simeonov A, Hickson ID. A small molecule inhibitor of the BLM helicase modulates chromosome stability in human cells. *Chemistry and Biology*. 20(1):55-62, 2013.
- Nordahl H, Rod NH, Frederiksen BL, Andersen I, Lange T, Diderichsen F, Prescott E, Overvad K, Osler M. Education and risk of coronary heart disease: assessment of mediation by behavioral risk factors using the additive hazards model. *Eur J Epidemiol*. 28(2):149-57, 2013.
- Osler M, Avlund K, Mortensen EL. Socioeconomic position early in life, cognitive development and cognitive change from young adulthood to middle-age. *Eur J Public Health*. 23(6):974-980, 2013.
- Otto L. Negotiating a healthy body in old age: preventive home visits and biopolitics. *International Journal of Ageing & Later Life*. 8(1):41-63, 2013.
- Pedersen AML, Sørensen CE, Dynesen AW, Jensen SB. Salivary Gland Structure and Functions and Regulation of Saliva Secretion in Health and Disease. In: *Salivary Glands: Anatomy, Functions in Digestion and Role in Disease*. Louis Braxton and Simone Quinn (eds). Nova Science Publishers Inc. New York, pp. 1-44, 2013.

Pedersen GL, Rasmussen SB, Gyllenborg J, Benedek K, Lauritzen M. Prognostic value of periodic electroencephalographic discharges for neurological patients with profound disturbances of consciousness. *Clin Neurophysiol.* 124(1):44-51, 2013.

Rantakokko M, Mänty M, Rantanen T. Mobility decline in old age. *Exerc Sport Sci Rev.* 41(1):19-25, 2013.

Reihmane D, Hansen AV, Jensen MG, Kuhlman AB, Nørregaard J, Pedersen HP, Lund MT, Helge JW, Dela F. Immobilisation increases interleukin-6, but not tumor necrosis factor-a release from the leg during exercise in humans. *Experimental Physiology.* 98(3):778-83, 2013.

Reihmane D, Jurka A, Tretjakovs P, Dela F. Increase in IL-6, TNF-alpha, and MMP-9, but not sICAM-1, concentrations depends on exercise duration. *European Journal of Applied Physiology.* 113(4):851-8, 2013.

Saclier M, Yacoub-Yossef H, Mackey AL, Arnold L, Ardjoune H, Magnan M, Sailhan F, Chelly J, Pavlath GK, Mounier R, Kjaer M, Chazaud B. Differentially activated macrophages orchestrate myogenic precursor cell fate during human skeletal muscle regeneration. *Stem Cells.* 31(2):384-96, 2013.

Sanchez-Ramirez DC, Krasnik A, Kildemoes HW. Do immigrants from Turkey, Pakistan and Ex-Yugoslavia with newly diagnosed type 2 diabetes initiate recommended statin therapy to the same extent as Danish-born residents? A nationwide register study. *Eur J Clin Pharmacol.* 69(1): 87-95, 2013.

Skogerbø Å, Kesmodel US, Denny CH, Kjaersgaard MIS, Wimberley T, Landrø NI, Mortensen EL. The effects of low to moderate alcohol consumption and binge drinking in early pregnancy on behaviour in 5-year-old children: A prospective cohort study on 1628 children. *BJOG.* 120(9):1042-50, 2013.

Snoer M, Monk-Hansen T, Olsen RH, Pedersen LR, Nielsen OW, Rasmussen H, Dela F, Prescott E. Coronary flow reserve as a link between diastolic and systolic function and exercise capacity in heart failure. *Eur Heart J Cardiovasc Imaging.* 14(7):677-83, 2013.

Stride N, Larsen S, Hey-Mogensen M, Sander K, Lund JT, Gustafsson F, Køber L, Dela F. Decreased mitochondrial oxidative phosphorylation capacity in the human heart with left ventricular systolic dysfunction. *European Journal of Heart Failure.* 15(2):150-7, 2013.

Suetta C, Frandsen U, Mackey AL, Jensen L, Hvid LG, Bayer ML, Petersson SJ, Schrøder HD, Andersen JL, Aagaard P, Schjerling P, Kjaer M. Aging is associated with diminished muscle re-growth and myogenic precursor cell expansion in the early recovery phase after immobility-induced atrophy in human skeletal muscle. *J.Physiol.* 591:3789-3804, 2013.

Thomasen L. A Good Old Age? Life as a Nursing Home Resident in Denmark. In *Designing Wellbeing in Elderly Care Homes*. Eds: Hujala A, Rissanen S, Vihma S. Helsinki: Aalto University, pp. 102-113. 2013.

Thorsen SV, Burr H, Diderichsen F, Bjorner JB. A one-item workability measure mediates work demands, individual resources and health in the prediction of sickness absence. *Int Arch Occup Environ Health.* 86(7):755-66, 2013.

Vrenken H, Jenkinson M, Horsfield MA, Battaglini M, van Schijndel RA, Rostrup E, Geurts JJG, Fisher E, Zijdenbos A, Ashburner J, Miller DH, Filippi M, Fazekas F, Rovaris M, Rovira A, Barkhof F, De Stefano N. Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. *Journal of Neurology.* 260(10):2458-71, 2013.

Ying S, Minocherhomji S, Chan KL, Palmai-Pallag T, Chu WK, Wass T, Mankouri HW, Liu Y, Hickson ID. MUS81 promotes common fragile site expression. *Nature Cell Biology.* 15:1001-1006, 2013.

## 2014

Akbari M, Keijzers G, Maynard S, Scheibye-Knudsen M, Desler C, Hickson ID, Bohr VA. Overexpression of DNA ligase III in mitochondria protects cells against oxidative stress and improves mitochondrial DNA base excision repair. *DNA Repair*. 16:44-53, 2014.

Andersen JH, Whyte SR. Measuring risk, managing values: health technology and subjectivity in Denmark. *Anthropology & Medicine*. 21(3):265-276, 2014.

Anstey KJ, Sargent-Cox K, Garde E, Cherbuin N, Butterworth P. Cognitive development over 8 years in midlife and its association with cardiovascular risk factors. *Neuropsychology*. 28:653-65, 2014.

Asmar M, Simonsen L, Arngrim N, Holst JJ, Dela F, Bülow J. Glucose-dependent insulinotropic polypeptide has impaired effect on abdominal, subcutaneous adipose tissue metabolism in obese subjects. *Int J Obes (Lond)*. 38:259-265, 2014.

Avlund K, Osler M, Mortensen EL, Christensen U, Bruunsgaard H, Holm-Pedersen P, Fiehn N-E, Hansen ÅM, Bachkati SH, Meincke RH, Jepsen E, Molbo D, Lund R. Copenhagen Aging and Midlife Biobank (CAMB): An introduction. *Journal of Aging and Health*. 26:5-20, 2014.

Bak ST, Sakellariou D, Pena-Diaz J. The dual nature of mismatch repair as antimutator and mutator: for better or for worse. *Frontier in Genetics*. 5:287, 2014.

Bangsbo J, Kjaer M, Hellsten Y. Bengt Saltin (1935-2014) Memorial. *J Physiol*. 592:5149-5151, 2014.

Bay B, Mortensen EL, Kesmodel U. Fertility treatment and child intelligence, attention, and executive functions in 5-year-old singletons: a cohort study. *BJOG*. 121:1642-1651, 2014.

Bayer ML, Schjerling P, Herchenhan A, Zeltz C, Heinemeier KM, Christensen L, Krogsbaard M, Gullberg D, Kjaer M. Release of tensile strain on engineered human tendon tissue disturbs cell adhesions, changes matrix architecture, and induces an inflammatory phenotype. *PLoS One*. 9:e86078, 2014.

Bendtsen KM, Jensen MB, May A, Rasmussen LJ, Bohr VA, Jensen MH, Trusina A. Distinct dynamics for DNA repair proteins in the nucleoplasm, nucleoli and at sites of DNA damage. *Eur Biophys J*. 43:509-516, 2014.

Bendtsen LQ, Lorenzen JK, Gomes S, Liaset B, Holst JJ, Ritz C, Reitelseder S, Sjödin A, Astrup A. Effects of hydrolysed casein, intact casein and intact whey protein on energy expenditure and appetite regulation: a randomized, controlled, cross-over study. *British Journal of Nutrition*. 112:1412-22, 2014.

Bergersen LH, Eid T. Monocarboxylate transport matters. *N Engl J Med*. 371:1931-1932, 2014.

Beyer N. Effects of high- versus low-intensity resistance training on recovery after ACL-reconstruction. *BioMed Research International*. 278512, 2014.

Bieler T, Magnusson SP, Kjaer M, Beyer N. Intra-rater test-retest reliability and agreement of hip and thigh muscle strength, muscle power and functional performance measures in patients with osteoarthritis of the hip. *Journal of Rehabilitation Medicine*. 46(10):997-1005, 2014.

Bieler T, Sobol N, Andersen L, Kiel P, Løfholm P, Aagaard P, Magnusson SP, Krogsbaard M, Bisgaard A, Sørensen K, Johannsen TH, Helge JW, Andersson AM, Juul A. Significant gender difference in serum levels of fibroblast growth factor 21 in Danish Children and adolescents. *Int J Pediatr Endocrinol*. 2014(1):7, 2014.

Bisgaard A, Sørensen K, Johannsen TH, Helge JW, Andersson AM, Juul A. Significant gender difference in serum levels of fibroblast growth factor 21 in Danish Children and adolescents. *Int J Pediatr Endocrinol*. 2014(1):7, 2014.

Bizard AH, Hickson ID. The dissolution of double Holliday junctions. *Cold Spring Harbor Perspectives in Biology*. 6:a016477, 2014.

- Bjerregaard LG, Rasmussen KM, Michaelsen KF, Skytthe A, Mortensen EL, Baker JL, Sørensen TIA. Effects of body size and change in body size from infancy through childhood on body mass index in adulthood. *International Journal of Obesity*. 38:1305-1311, 2014.
- Bocquet N, Bizard AH, Abdulrahman W, Larsen NB, Fatty M, Cavadini I, Bunker R, Kowalczykowski SC, Cejka P, Hickson ID, Thomä N. Structural and mechanistic insight into Holliday junction dissolution by topoisomerase IIIa and RMI1. *Nature Struct. Molec. Biol.* 21:261-268, 2014.
- Boesen AP, Dideriksen K, Couppé C, Magnusson SP, Schjerling P, Boesen M, Aagaard P, Kjaer M, Langberg H. Effect of growth hormone on aging connective tissue in muscle and tendon: gene expression, morphology, and function following immobilization and rehabilitation. *Journal of Applied Physiology*. 116:192-203, 2014.
- Boushel R, Ara I, Gnaiger E, Helge JW, González-Alonso J, Munck-Andersen T, Sondergaard H, Damsgaard R, van Hall G, Saltin B, Calbet JA. Low-intensity training increases peak arm VO<sub>2</sub> by enhancing both convective and diffusive O<sub>2</sub> delivery. *Acta Physiol (Oxf)*. 211(1):122-34, 2014.
- Bülow MH and Söderqvist T. Successful ageing: A historical overview and critical analysis of a successful concept. *J Aging Stud.* 31:139-49, 2014.
- Chatterjee S, Zagelbaum J, Savitsky P, Huttner D, Sturzenegger A, Janscak P, Hickson ID, Gileadi O, Rothenberg E. Mechanistic insight into the interaction of BLM helicase with intra-strand G-quadruplex structures. *Nature Communications*. 5:5556, 2014.
- Christensen GT, Molbo D, Angquist LH, Mortensen EL, Christensen K, Sorensen TI, Osler M. Cohort Profile: The Danish Conscription Database (DCD): A cohort of 728 160 men born from 1939 through 1959. *International journal of epidemiology*. 44:423-440, 2015.
- Christensen U, Krølner R, Nilsson CJ, Lyngbye PW, Hougaard CØ, Nygaard E, Thielen K, Avlund K, Holstein BE, Lund R. Addressing social inequality in aging by the Danish Occupational Social Class Measurement. *Journal of Aging and Health*. 26:106-27, 2014.
- Clark AJ, Dich N, Lange T, Jenum P, Hansen AM, Lund R, Rod NH. Impaired sleep and allostatic load: cross-sectional results from the Danish Copenhagen Aging and Midlife Biobank. *Sleep Med.* 15:1571-1578, 2014.
- Couppé C, Svensson RB, Kovanen V, Grosset JF, Karlsen A, Nielsen RH, Larsen J, Skovgaard D, Hansen M, Mackey A, Aagaard P, Kjær M, Magnusson SP. Life-long endurance running is associated with reduced glycation and mechanical stress in connective tissue. *AGE*. 36:9665, 2014.
- Couppé C, Svensson RB, Sødring-Elbrønd V, Hansen P, Kjaer M, Magnusson SP. Accuracy for MRI technique for measuring tendon cross-sectional area. *Clinical Physiology and Functional Imaging*. 34:237-41, 2014.
- Dela F, Prats C, Helge JW. Exercise interventions to prevent and manage diabetes: Physiological mechanisms. In: *Physical Activity and Diabetes. Medicine and Sports Science* 60. Eds: Goedecke J. Publisher: Karger AG, Switzerland, pp. 36-47, 2014.
- Desler C, Zambach S, Suravajhala P, Rasmussen LJ. Introducing the hypothome: a way to integrate predicted proteins in interactomes. *Int. J. Bioinf. Res. Appl.* 10:647-652, 2014.
- Dich N, Hansen AM, Avlund K, Lund R, Mortensen EL, Bruunsgaard H, Rod NH. Early life adversity potentiates the effects of later life stress on cumulative physiological dysregulation. *Anxiety, Stress and Coping*. 28:372-390, 2015.
- Dideriksen K. Muscle and tendon connective tissue adaptation to unloading, exercise and NSAID. *Connective Tissue Research*. 55(2):61-70, 2014.

- Edwen CE, Thorlund JB, Magnusson SP, Slinde F, Svantesson U, Aagaard P. Stretch-shortening cycle muscle power in women and men aged 18-81 years: Influence of age and gender. *Scand Journal of Medicine & Science in Sports*. 24:717-726, 2014.
- Elkjaer H, Kristensen E, Mortensen EL, Poulsen S, Lau M. Analytic versus systemic group therapy for women with a history of child sexual abuse: one-year follow-up of a randomized controlled trial. *Psychology and Psychotherapy: Theory, Research and Practice*. 87:191-208, 2014.
- Emme C, Mortensen EL, Rydahl-Hansen S, Østergaard B, Schou L, Jakobsen AS, Phanareth K. The impact of virtual admission on self-efficacy in patients with chronic obstructive pulmonary disease (COPD) – a randomized clinical trial. *Journal of Clinical Nursing*. 21-22:3124-3137, 2014.
- Eriksen C, Svensson RB, Scheijen J, Hag AM, Schalkwijk C, Praet SF, Schjerling P, Kjær M, Magnusson SP, Couppé C. Systemic stiffening of mouse tail tendon is related to dietary advanced glycation end products but not high-fat diet or cholesterol. *Journal of Applied Physiology*. 117:840-7, 2014.
- Eriksen L, Tolstrup JS, Larsen S, Grønbæk M, Helge JW. A maximal cycle test with good validity and high repeatability in adults of all ages. *Int J Sports Med*. 35(14):1184-9, 2014.
- Fang EF, Scheibye-Knudsen M, Brace LE, Kassahun H, SenGupta T, Nilsen H, Mitchell JR, Croteau DL, Bohr VA. Defective Mitophagy in XPA via PARP-1 Hyperactivation and NAD+/SIRT1 Reduction. *Cell*. 157:882–896, 2014.
- Farup J, Rahbek SK, Knudsen IS, de Paoli F, Mackey AL, Vissing K. Whey protein supplementation accelerates satellite cell proliferation during recovery from eccentric exercise. *Amino Acids*. 46(11):2503-16, 2014.
- Fenger M, Mortensen EL, Poulsen S, Lau M. A register based study of long-term health care use before and after psychotherapy. *Nordic Journal of Psychiatry*. 68:450-459, 2014.
- Fieo RA, Mortensen EL, Lund R, Avlund K. Assessing fatigue in late-midlife: increased scrutiny of the multiple fatigue inventory-20 for community-dwelling subjects. *Assessment*. 21:706-12, 2014.
- Flensburg-Madsen T, Mortensen EL. Infant SES as a predictor of personality – is the association mediated by intelligence? *PLoS ONE*. 9:e103846, 2014.
- Flensburg-Madsen T, Revsbech R, Sørensen HJ, Mortensen EL. An association of adult personality with prenatal and early postnatal growth: the EPQ-lie-scale. *BMC Psychology*. 2:8, 2014.
- Frandsen R, Baandrup L, Kjellberg J, Ibsen R, Jennum P. Increased all-cause mortality with psychotropic medication in Parkinson's disease and controls: A national register-based study. *Parkinsonism Relat Disord*. 20:1124-8, 2014.
- Frandsen R, Kjellberg J, Ibsen R, Jennum P. Morbidity in early Parkinson's disease and prior to diagnosis. *Brain Behav*. 4:446-52, 2014.
- Frederiksen KS, Sobol N, Beyer N, Hasselbalch S, Waldemar G. Moderate-to-high intensity aerobic exercise in patients with mild to moderate Alzheimer's disease: a pilot study. *Int Journal of Geriatric Psychiatry*. 29(12):1242-8, 2014.
- Gauthier CJ, Lefort M, Mekary S, Desjardins-Crépeau L, Skimminge A, Iversen P, Madjar C, Desjardins M, Lesage F, Garde E, Frouin F, Bherer L, Hoge RD. Hearts and minds: linking vascular rigidity and aerobic fitness with cognitive aging. *Neurobiol Aging*. 36:304-314, 2014.
- Gidaya NB, Lee BK, Burstyn I, Yudell M, Mortensen EL, Newschaffer CJ. In Utero exposure to selective serotonin reuptake inhibitors and risk for autism spectrum disorder. *Journal of Autism and Developmental Disorders*. 44:2558-2567, 2014.

- Gow AJ, Avlund K, Mortensen EL. Leisure activity associated with cognitive ability level, but not cognitive change. *Frontiers in psychology*. 5: article 1176, 2014.
- Gow AJ, Avlund K, Mortensen EL. Occupational characteristics and cognitive aging in the Glostrup 1914 Cohort. *Journal of Gerontology: Psychological Science*. 69(2):228-236, 2014.
- Gram AS, Bønnelycke J, Rosenkilde Larsen M, Reichkendler M, Auerbach P, Sjödin A, Ploug T, Jespersen A, Stallknecht B. Compliance with physical exercise: Using a multidisciplinary approach within a dose-dependent exercise study of moderately overweight men. *Scan J of Public Health*. 42(1):38-44, 2014.
- Gram M, Dahl R, Dela F. Physical inactivity and muscle oxidative capacity in humans. *Eur J Sport Sci*. 14:376-382, 2014.
- Gram M, Vigelso A, Yokota T, Hansen CN, Helge JW, Hey-Mogensen M, Dela F. Two weeks of one-leg immobilization decreases skeletal muscle respiratory capacity equally in young and elderly men. *Exp Gerontol*. 58C:269-278, 2014.
- Guadalupe-Grau A, Larsen S, Guerra B, Calbet JA, Dela F, Helge JW. Influence of age on leptin induced skeletal muscle signaling. *Acta Physiol (Oxf)* 211:214-228, 2014.
- Guadalupe-Grau A, Plenge U, Helbo S, Kristensen M, Andersen PR, Fago A, Belhage B, Dela F, Helge JW. Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. *J Sports Sci*. 26:1-9, 2014.
- Hall CN, Reynell C, Gesslein B, Hamilton NB, Mishra A, Sutherland BA, O'Farrell FM, Buchan AM, Lauritzen M, Attwell D. Capillary pericytes regulate cerebral blood flow in health and disease. *Nature*. 508(7494):55-60, 2014.
- Halper J, Kjaer M. Basic components of connective tissue and extracellular matrix: Elastin, fibrillin, fibulins, fibrinogen, fibronectin, laminin, tenascins and thrombospondins. In: *Progress in heritable soft connective tissue diseases*. Eds: Halper J, Springer, Dordrecht, Heidelberg, New York London, pp. 31-49, 2014.
- Halper J, Kjaer M. Basic components of connective tissues and extracellular matrix: Elastin, fibrillin, fibulins, fibrinogen, fibronectin, laminin, tenascins and thrombospondins. *Adv Exp Med Biol*. 802:31-47, 2014.
- Hamerman M, Aspenberg P, Eliasson P. Microtrauma stimulates rat Achilles tendon healing via an early gene expression pattern similar to mechanical loading. *Journal of Applied Physiology*. 116:54-60, 2014.
- Hansen ÅM, Andersen LL, Skotte J, Christensen U, Mortensen OS, Molbo D, Lund R, Nilsson CJ, Avlund K. Social class differences in midlife physical performance. *Journal of Aging and Health*. 26:88-105, 2014.
- Hansen ÅM, Darsø L, Manty M, Nilsson CJ, Christensen U, Lund R, Holtermann A, Avlund K. Psychosocial factors at work and the development of mobility limitations among adults in Denmark. *Scan J Pub Health*. 42:417-424, 2014.
- Hansen ÅM, Lund R, Bruunsgaard H, Rod NH, Garde AH, Molbo D, Avlund K. Social Gradient in Allostasis load among Danish men and women in late midlife. *Journal of Aging and Health*. 26:72-87, 2014.
- Hansen AW, Dahl-Petersen I, Helge JW, Brage S, Gronbaek M, Flensburg-Madsen T. Validation of an Internet-based long version of the International Physical Activity Questionnaire in Danish adults using combined accelerometry and heart rate monitoring. *J Phys Act Health*. 11(3):654-664, 2014.
- Hansen M, Kjaer M. Influence of sex and estrogen on musculo-tendinous protein turnover at rest and after exercise. *Exerc Sports Sci Rev*. 42:183-192, 2014.

- Hansen NL, Lauritzen M, Mortensen EL, Osler M, Avlund K, Fagerlund B, Rostrup E. Subclinical Cognitive Decline in Middle-Age is Associated with Reduced Task-induced Deactivation of the Brain's Default Mode Network. *Human Brain Mapping*. 35:4488-4498, 2014.
- Henriksen OM, Jensen LT, Krabbe K, Guldberg P, Teerlink T, Rostrup E. Resting brain perfusion and selected vascular risk factors in healthy elderly subjects. *PLoS ONE*. 9(5):e97363, 2014.
- Holm L, Jespersen AP, Lund R. Det gode seniorliv – find motivationen og styrk dine muskler med træning og proteinrig kost. Strandberg Publishing (144 sider), 2014.
- Holm L, Reitelseder S, Dideriksen K, Nielsen RH, Bülow J, Kjaer M. The single biopsy approach in determining protein synthesis in human slow turning over tissue: use of flood-primed continuous infusion of amino acid tracers. *American J of Physiology*. 306(11):E1330-9, 2014.
- Hvid LG, Suetta C, Nielsen JH, Jensen MM, Frandsen U, Ørtenblad N, Kjaer M, Aagaard P. Aging impairs the recovery in mechanical muscle function following 4 days of disuse. *Exp Gerontol*. 52:1-8, 2014.
- Jennum P, Ibsen R, Avlund K, Kjellberg J. Health, social and economic consequences of hypersomnia: a controlled national study from a national registry evaluating the societal effect on patients and their partners. *Eur J Health Econ*. 15:303-11, 2014.
- Jennum P, Ibsen R, Kjellberg J. Health, Social and Economic Consequences of Polyneuropathy: A Controlled National Study Evaluating Societal Effects on Patients and Their Partners. *Eur Neurol*. 73:81-88, 2014.
- Jensen HJ, Mortensen EL, Lotz M. Heterogeneity of treatment changes after psychodynamic therapy within a one year follow-up: A replication study. *Scandinavian Journal of Psychology*. 55:168-179, 2014.
- Jespersen AP, Bønnelycke J, Hriksen HH. Careful Science? Body work and Care Practices in Clinical Trials. *Sociology of Health and Illness*. 36(5):655-69, 2014.
- Karottki DG, Bekö G, Clausen G, Madsen AM, Andersen ZJ, Massling A, Ketzel M, Ellermann T, Lund R, Sigsgaard T, Møller P, Loft S. Cardiovascular and lung function in relation to outdoor and indoor exposure to fine and ultrafine particulate matter in middle-aged subjects. *Environment International*. 73:372-81, 2014.
- Keijzers G, Maynard S, Shamanna RA, Rasmussen LJ, Croteau DL, Bohr VA. The role of RecQ helicases in non-homologous end-joining. *Crit. Rev. Biochem. Mol. Biol.* 49(6):463–472, 2014.
- Kildemoes HW, Thomsen LT, Kriegbaum M, Petersen JH, Nørredam ML. Antidepressant therapy after hospitalization with depression: Non-Western immigrants compared with Danish-born residents. *BMC Psychiatry*. 14(1):77, 2014.
- Kjaer M, Hansen M. Potential ways that estrogens and androgens may modify tendons. In Metabolic diseases and Tendinopathies – the missing link. *Proceedings from IBSA Forum meeting*, pp 56-62, 2014.
- Kjaer M, Heinemeier KM. Eccentric exercise: Acute and chronic effects upon on healthy and diseased tendons. *J Appl Physiol*. 116:1435-1438, 2014.
- Kjaer M. Idrætsmedicin – Idrætsskader. In *Ortopædisk Kirurgi*. Eds: Sneppen O, Bünger C, Hvid I, Søballe K. Fadl's Forlag, pp 318-327, 2014.
- Kjaer M. Throw away the anti-inflammatories and start loading your damaged tendons. Evidence to practice. *Aspetar Sports Medicine Journal*. 3:390-393, 2014.
- Kleinert M, Sylow L, Fazakerley DJ, Krycer JR, Thomas KC, Oxbøll AJ, Jordy AB, Jensen TE, Yang G, Schjerling P, Kiens B, James DE, Ruegg MA, Richter EA. Acute mTOR inhibition induces insulin resistance and alters substrate utilization in vivo. *Molecular Metabolism*. 3:630-41, 2014.

- Knudsen AB, Larsen M, Mackey AL, Hjort M, Hansen KK, Qvortrup K, Kjaer M, Krogsgaard MR. The human myotendinous junction: An ultrastructural and 3D analysis study. *Scand Journal of Medicine and Science in Sports*. 25:e116-23, 2015.
- Kongsbak M, von Essen MR, Boding L, Levring TB, Schjerling P, Lauritsen JP, Woetmann A, Ødum N, Bonefeld CM, Geisler C. Vitamin D up-regulates the vitamin D receptor by protecting it from proteasomal degradation in human CD4+ T cells. *PLoS One*. 9:e96695, 2014.
- Kongsbak M, von Essen MR, Levring T, Schjerling P, Woetmann A, Odum N, Bonefeld C, Geisler C. Vitamin D-binding protein controls T cell responses to vitamin D. *BMC Immunology*. 15:35, 2014.
- Kriegbaum M, Kildemoes HW, Rasmussen JN, Hendriksen C, Vass M, Mortensen EL, Osler M. Do Social background and intelligence early in life influence use of coronary heart disease preventive medicine in adulthood? *BMJ Open*. 4(1), 2014.
- Kriegbaum M, Kildemoes HW, Rasmussen JN, Hendriksen C, Vass M, Mortensen EL, Osler M. Childhood socioeconomic position, young adult intelligence and fillings of prescribed medicine for prevention of cardiovascular disease in middle-aged men. *BMJ Open*. 4(1):e004178, 2014.
- Kristensen JM, Treebak JT, Schjerling P, Goodyear L, Wojtaszewski JF. Two weeks of metformin treatment induces AMPK-dependent enhancement of insulin-stimulated glucose uptake in mouse soleus muscle. *American J of Physiology*. 306:E1099-109, 2014.
- Kristensen MM, Helge JW, Dela F. Comment on Rezen et al. Expression changes in human skeletal muscle miRNAs following 10 days of bed rest in young healthy males. *Acta Physiol*. 210:655-666, 2014.
- Larsen NB, Hickson ID, Mankouri HW. Tus-Ter as a tool to study site-specific DNA replication perturbation in eukaryotes. *Cell Cycle*. 13:2994-2998, 2014.
- Larsen NB, Sass E, Suski C, Mankouri HW, Hickson ID. The *E. coli* Tus-Ter replication fork barrier causes site-specific DNA replication perturbation in yeast. *Nature Communications* 5:3574, 2014.
- Larsen S, Díez-Sánchez C, Rabøl R, Ara I, Dela F, Helge JW. Increased intrinsic mitochondrial function in humans with mitochondrial haplogroup H. *Biochim Biophys Acta*. 1837:226-231, 2014.
- Larsen S, Kraunsøe R, Gram M, Gnaiger E, Helge JW, Dela F. The best approach: Homogenization or manual permeabilization of human skeletal muscle fibers for respirometry? *Anal Biochem*. 446:64-68, 2014.
- Larsen S, Skaaby S, Helge JW, Dela F. Effects of exercise training on mitochondrial function in patients with type 2 diabetes. *World J Diabetes*. 5:482-492, 2014.
- Lassen AJ. Billiards, rhythms, collectives – Billiards at a Danish activity centre as a culturally specific form of active ageing. *Ethnologia Europaea*. 44:1:57-74, 2014.
- Lassen AJ, Moreira T. Unmaking old age – Political and cognitive formats of active ageing. *Journal of Aging Studies*. 30:1:33-46, 2014.
- Lauritzen KH, Morland C, Puchades M, Holm-Hansen S, Hagelin EM, Lauritzen F, Attramadal H, Storm-Mathisen J, Gjedde A, Bergersen LH. Lactate receptor sites link neurotransmission, neurovascular coupling, and brain energy metabolism. *Cereb Cortex*. 24:2784-2795, 2014.
- Lindemann U, Oksa J, Skelton DA, Beyer N, Klenk J, Zscheile J, Becker C. Effect of cold indoor environment on physical performance of older women living in the community. *Age Ageing*. 43(4):571-5, 2014.
- Liu Y, Nielsen CF, Yao Q, Hickson ID. The origins and processing of ultra-fine anaphase DNA bridges. *Current Opinion in Genetics and Development*. 26:1-5, 2014.

- Lund MT, Dalby S, Hartmann B, Helge J, Holst JJ, Dela F. The incretin effect does not differ in trained and untrained, young, healthy men. *Acta Physiol (Oxf.)*. 210:565-572, 2014.
- Lund R, Christensen U, Kriegbaum M, Nilsson CJ, Rod N. Stressful social relations and mortality. A prospective cohort study. *Journal of Epidemiology and Community Health*. 68:720-7, 2014.
- Lund R, Nielsen LS, Schmidt L, Henriksen PE, Avlund K, Christensen U. Face and content validation of a measure of social relations. *Journal of Aging and Health* 2014. 26:128-50, 2014.
- Lund R, Rod NH, Nilsson CJ, Thielen K, Christensen U. Negative aspects of close social relations and 10 year incident ischemic heart disease hospitalization among middle-aged Danes. *Eur J Prev Card.* 21:1249-1256, 2014.
- Lygren T, Hansen S, Langberg H, Fjeldborg J, Jacobsen S, Nielsen MO, Schjerling P, Markussen B, Thomsen PD, Berg LC. Serum insulin-like growth factor 1 in the aging horse. *Veterinary Clinical Pathology*. 43:557-560, 2014.
- Mackey AL, Karlsen A, Andersen JL, Couppé C, Mikkelsen UR, Nielsen RH, Magnusson SP, Kjaer M. Differential regulation of the satellite cell density of type I and II fibres with lifelong endurance running in old men. *Acta Physiologica*. 210:612-27, 2014.
- Mänty M, Møller A, Nilsson C, Lund R, Christensen U, Avlund K. Association of Physical Workload and Leisure Time Physical Activity with Incident Mobility Limitation: A Follow-up Study. *Occupational and Environmental Medicine*. 71:543-8, 2014.
- Mariga ST, Kolko M, Gjedde A, Bergersen LH. Lactate transport and receptor actions in cerebral malaria. *Front Neurosci.* 19:8:125, 2014.
- Masood T, Bojsen-Moller J, Kallikoski K, Sarja N, Äärimaa V, Magnusson SP, Finni T. Differential contributions of various ankle plantarflexors during submaximal isometric muscle action: A PET and EMG study. *Journal of Electromyography and Kinesiology*. 24:367-374, 2014.
- Masood T, Kallikoski K, Bojsen-Moller J, Magnusson SP, Finni T. Plantarflexor muscle function in healthy and chronic Achilles tendon pain subjects evaluated by the use of EMG and PET imaging. *Clinical Biomechanics*. 29:564-570, 2014.
- Masood T, Sarja N, Äärimaa V, Bojsen-Moller J, Magnusson SP, Finni T. Effects of 12-Week Eccentric Calf Muscle Training on Muscle-Tendon Glucose Uptake and SEMG in Patients with Chronic Achilles Tendon Pain. *Journal of Applied Physiology*. 117:105-11, 2014.
- Maynard S, Keijzers G, Gram M, Desler C, Bendix L, Budtz-Jørgensen E, Molbo D, Croteau DL, Osler M, Stevsner T, Rasmussen LJ, Dela F, Avlund K, Bohr VA. Relationships between human vitality and mitochondrial respiratory parameters, reactive oxygen species and dNTP levels in peripheral blood mononuclear cells. *Aging*. 5:850-864, 2014.
- Meincke RH, Mortensen EL, Avlund K, Rosthøj S, Sørensen H J, Olser M. Intelligence in early adulthood and mortality from natural and unnatural causes in middle-aged Danish men. *Journal of Epidemiology and Community Health*. 68:130-136, 2014.
- Mikkelsen SS, Flensburg-Madsen T, Eliasen M, Mortensen EL. A longitudinal cohort study of intelligence and later hospitalisation with mental disorder. *Comprehensive Psychiatry*. 55:912-919, 2014.
- Mikkelsen SS, Mortensen EL, Flensburg-Madsen T. A prospective cohort study of quality of life and ischemic heart disease. *Scandinavian Journal of Public Health*. 42:60-66, 2014.

- Minocherhomji S, Hickson ID. Structure-specific endonucleases: guardians of fragile site stability. *Trends in Cell Biology*. 24:321-327, 2014.
- Møller MB, Kjær M, Svensson RB, Andersen JL, Magnusson SP, Nielsen RH. Functional adaptation of tendon and skeletal muscle to resistance training in three patients with genetically verified classic Ehlers Danlos Syndrome. *Muscles Ligaments Tendons Journal*. 17;4(3):315-323, 2014.
- Morse DE, Avlund K, Christensen LB, Fiehn NE, Molbo D, Holmstrup P, Kongstad J, Mortensen EL, Holm-Pedersen P. Smoking and drinking as risk indicators for tooth loss in middle-aged Danes. *Journal of Aging and Health*. 26:54-71, 2014.
- Mortensen B, Friedrichsen M, Andersen NR, Alibegovic AC, Hojbjerre L, Sonne MP, Stallknecht B, Dela F, Wojtaszewski JF, Vaag A. Physical inactivity affects skeletal muscle insulin signalling in a birth weight-dependent manner. *J Diabetes Complications*. 28:71-78, 2014.
- Mortensen EL, Flensburg-Madsen T, Molbo D, Christensen U, Osler M, Avlund K, Lund R. Personality in late midlife. Associations with demographic factors and cognitive ability. *Journal of Aging and Health*. 26:21-36, 2014.
- Mortensen EL, Flensburg-Madsen T, Molbo D, Fagerlund B, Christensen U, Lund R, Osler M, Avlund K. The relationship between cognitive ability and demographic factors in late midlife. *Journal of Aging and Health*. 26:37-53, 2014.
- Nguyen GH, Tang W, Robles AI, Beyer RP, Gray LT, Welsh JA, Schetter AJ, Kumamoto K, Wang XW, Hickson ID, Maizels N, Monnat RJ, Harris CC. Regulation of gene expression by the BLM helicase correlates with the presence of G-quadruplex motifs. *Proc. Natl. Acad. Sci. USA*. 111:9905-9910, 2014.
- Nielsen AJ, Langstrup H. Global Diabetes Encounters – accounting for health technologies in the global. IN: Mayer M, Knoblich R, Carpes M (ed) *The Global Politics of Science and Technology*. Berlin Heidelberg: Springer-Verlag. pp. 235-251, 2014.
- Nielsen AJ, Vallgårda S. Tværfaglighed som ideal og praksis – folkesundhedsvidenskabelige erfaringer i at uddanne på tværs af faggrænser. *Danmarks Universitetspædagogiske Tidsskrift*. 9(16):113-123, 2014.
- Nielsen RH, Clausen NM, Schjerling P, Larsen JO, Martinussen T, List EO, Kopchick JJ, Kjaer M, Heinemeier KM. Chronic alterations in growth hormone/insulin-like growth factor-I signaling lead to changes in mouse tendon structure. *Matrix Biology*. 34:96-104, 2014.
- Nielsen RH, Couppé C, Jensen JK, Olsen MR, Heinemeier KM, Malfait F, Symoens S, De Paepe A, Schjerling P, Magnusson SP, Remvig L, Kjaer M. Low tendon stiffness and abnormal ultrastructure distinguish classic Ehlers-Danlos syndrome from benign joint hypermobility syndrome in patients. *FASEB Journal*. 28:4668-76, 2014.
- Nielsen RH, Holm L, Jensen JK, Heinemeier KM, Remvig L, Kjaer M. Tendon protein synthesis rate in classic Ehlers-Danlos patients can be stimulated with insulin-like growth factor-I. *Journal of Applied Physiology*. 117(7):694-8 2014.
- Nielsen RH, Holm L, Malmgaard-Clausen NM, Reitelseder S, Heinemeier KM, Kjaer M. Increase in tendon protein synthesis in response to insulin-like growth factor I (IGF-I) is preserved in elderly men. *J. Appl. Physiol*. 116:42-46, 2014.
- Nilsson CJ, Siersma V, Mänty M, Vass M, Avlund K, Lund R. Mobility Decline in Old Age: The Combined Effect of Mobility-Related Fatigue and Socioeconomic Position. *Journal of Epidemiology and Community Health*. 68:510-5, 2014.
- Nørtoft K. En sund ældrepædagogik? *Vera tidsskrift for pædagoger*. Dec;(69), 2014.

- Odlaug B, Weinhandl E, Mancebo MC, Mortensen EL, Eisen KL, Rasmussen SA, Schreiber LRN, Grant JE. Excluding the typical Patients in Thirty Years of Pharmacotherapy Efficacy Trials for Obsessive Compulsive Disorder. *Annals of Clinical Psychiatry*. 26:39-46, 2014.
- Olesen AT, Jensen BR, Uhlendorf TL, Cohen RW, Baan GC, Maas H. Muscle-specific changes in length-force characteristics of the calf muscles in the spastic Han-Wistar rat. *Journal of Applied Physiology*. 117:989-97, 2014.
- Oxlund B, Whyte SR. Measuring and Managing Bodies in the Later Life Course. *Journal of Population Ageing*. 7(3):217-230, 2014.
- Park SY, Gifford JR, Andtbacka RH, Hyngstrom JR, Garten RS, Diakos NA, Ives SJ, Dela F, Larsen S, Drakos S, Richardson RS. Cardiac, Skeletal, and smooth muscle mitochondrial respiration: Are all mitochondria created equal? *Am J Physiol Heart Circ Physiol*. 307:H346-H352, 2014.
- Pingel J, Lu Y, Starborg T, Fredberg U, Langberg H, Nedergaard A, Weis M, Eyre D, Kjaer M, Kadler KE. 3-D ultrastructure and collagen composition of health and overloaded human tendon: evidence of tenocyte and matrix buckling. *J Anat*. 224:548-555, 2014.
- Poulsen T, Siersma VD, Lund R, Christensen U, Avlund K. Educational intervention and functional decline among older people: the modifying effects of social capital. *Scand J Public Health*. 42:295-303, 2014.
- Raven P, Kjaer M, Hellsten Y. Contributions from the Copenhagen Muscle Research Centre. In: *History of Exercise Physiology*. Ed: Tipton C. Human Kinetics, Champaign, US, pp 89-105, 2014.
- Reihmane D, Dela F. Interleukin-6: Possible biological roles during exercise. *Eur J Sport Sci*. 14:242-250, 2014.
- Reitelseder S, Agergaard J, Doessing S, Helmark IC, Schjerling P, van Hall G, Kjaer M, Holm L. Positive muscle protein net balance and differential regulation of atrogene expression after resistance exercise and milk protein supplementation. *European Journal of Nutrition*. 53:321-33, 2014.
- Rinholm JE, Bergersen LH. White matter lactate--does it matter? *Neuroscience*. 276:109-116, 2014.
- Rosendal S, Mortensen EL, Andersen H, Heir T. Health care service use before and after a natural disaster in survivors with and without PTSD: A prospective and retrospective cohort study. *Psychiatric Services*. 65:91-97, 2014.
- Rudkjøbing A, Strandberg-Larsen M, Vrangbaek K, Andersen JS, Krasnik A. Health care agreements as a tool for coordinating health and social services. *International Journal of Integrated Care*. 14:e036, 2014.
- Sander M, Oxlund B, Jespersen A, Krasnik A, Mortensen EL, Westendorp RGJ, Rasmussen LJ. The challenges of human population ageing. *Age and Ageing*. 0:1-3, 2014.
- Scheede-Bergdahl C, Bergdahl A, Schjerling P, Qvortrup K, Koskinen SO, Dela F. Exercise-induced regulation of matrix metalloproteinases in the skeletal muscle of subjects with type 2 diabetes. *Diabetes & Vascular Disease Research*. 11:324-334, 2014.
- Scheibye-Knudsen M, Mitchell SJ, Fang EF, Iyama T, Ward T, Wang J, Dunn CA, Singh N, Veith S, Hasan-Olive M, Mangerich A, Wilson MA, Mattson MP, Bergersen LH, Cogger VC, Warren A, Le Couteur DG, Moaddel R, Wilson III DM, Croteau DL, de Cabo R, Bohr VA. A High-Fat Diet and NAD+ Activate Sirt1 to Rescue Premature Aging in Cockayne Syndrome. *Cell Metabolism*. 20:840–855, 2014.
- Skriver K, Roig M, Lundby-Jensen J, Pingel J, Helge JW, Kiens B, Nielsen JB. Acute exercise improves motor memory: Exploring potential biomarkers. *Neurobiol Learn Mem*. 116C:46-58, 2014.
- Smith R, McIlwraith W, Schweizer R, Kadler K, Cook J, Catersen B, Dakin S, Heinegaard D, Screen H, Stover S, Crevier-Denoix N, Clegg P, Collins M, Little C, Frisbie D, Kjaer M, van Weeren R, Werpy N, Denoix JM, Carr A,

Goldberg A, Bramlage L, Smith M, Nixon A. Advances in the understanding of tendinopathies: A report on the 2<sup>nd</sup> Havemeyer Workshop on equine tendon disease. *Equine Vet J.* 46:4-9, 2014.

Snoer M, Olsen T, Monk-Hansen RH, Pedersen LR, Haugaard S, Dela F, Prescott E. Coronary flow reserve predicts cardiopulmonary fitness in patients with coronary artery disease independently of systolic and diastolic function. *Echocardiography.* 31:654–662, 2014.

Sørensen CE, Larsen JO, Reibel J, Lauritzen M, Mortensen EL, Osler M, Pedersen AM. Associations between xerostomia, histopathological alterations, and autonomic innervation of labial salivary glands in men in late midlife. *Experimental Gerontology.* 57:211-217, 2014.

Stenbæk D, Hjordt LV, Haahr ME, Worm D, Hansen DL, Mortensen EL, Knudsen GM. Personality Characteristics in surgery seeking and non-surgery seeking obese individuals compared to non-obese controls. *Eating Behaviors.* 15:595-598, 2014.

Stenbæk DS, Jensen CG, Holst KK, Mortensen EL, Knudsen GM, Frokjaer VG. Does Harm Avoidance mediate effects of recollected parental bonding on mental distress in adulthood? *Comprehensive Psychiatry.* 55:1007-1014, 2014.

Stotz A, Rapp K, Oksa J, Skelton DA, Beyer N, Klenk J, Becker C, Lindemann U. Effect of a Brief Heat Exposure on Blood Pressure and Physical Performance of Older Women Living in the Community-A Pilot-Study. *Int Journal of Environmental Research Public Health.* 11(12):12623-12631, 2014.

Strickertsson JAB, Desler C, Rasmussen LJ. Impact of bacterial infections on aging and cancer: Impairment of DNA repair and mitochondrial function of host cells. *Exp Gerontology.* 56:164-174, 2014.

Sun S, Henriksen K, Karsdal MA, Armbrecht G, Belavý DL, Felsenberg D, Rittweger J, Wang Y, Zheng Q, Nedergaard AF. Measurement of a MMP-2 degraded Titin fragment in serum reflects changes in muscle turnover induced by atrophy. *Exp Gerontol.* 58:83-9, 2014.

Sylow L, Kleinert M, Pehmøller C, Prats C, Chiu TT, Klip A, Richter EA, Jensen TE. Akt and Rac1 signaling are jointly required for insulin-stimulated glucose uptake in skeletal muscle and downregulated in insulin resistance. *Cell Signal.* 26:323-31, 2014.

Taylor AE, ... Mortensen EL (among 62 members of the CARTA consortium). Investigating the possible causal association of smoking with depression and anxiety using Mendelian randomisation meta-analysis: the CARTA consortium. *BMJ Open.* 4(10):e006141, 2014.

Thompson BA, Spurdle AB, Plazzer J-P, Greenblatt M, Akagi K, Al-Mulla F, Bapat B, Bernstein I, Capella G, du Sart D, Fabre A, Farrell MP, Farrington S, Frayling I, Frebourg T, Goldgar D, Heinen CD, Holinski-Feder E, Kohonen-Corish M, Lagerstedt-Robinson K, Leung SY, Lindblom A, Martins A, Moller P, Morak M, Nystrom M, Peltomaki P, Pineda M, Qi M, Ramesar R, Rasmussen LJ, Royer-Pokora B, Scott R, Sijmons R, Tavtigian S, Tops C, Weber T, Wijnen J, Woods M, on behalf of InSiGHT, Macrae F, Genuardi M. Application of a five-tiered scheme for standardized classification of 2,392 unique mismatch repair gene variants lodged on the InSiGHT locus-specific database. *Nature Genetics.* 46:107-115, 2014.

Treebak JT, Pehmøller C, Kristensen JM, Kjøbsted R, Birk JB, Schjerling P, Richter EA, Goodyear LJ, Wojtaszewski JF. Acute exercise and physiological insulin induce distinct phosphorylation signatures on TBC1D1 and TBC1D4 proteins in human skeletal muscle. *Journal of Physiology.* 592:351-75, 2014.

Valentin MD, Drost M, Therkildsen C, Rambech E, Ehrencrona H, Angleys M, Hansen TL, de Wind N, Nilbert M, Rasmussen LJ. Functional Implications of the p.Cys680Arg alteration in MLH1. *Mol Gen&Gen Med.* 2:352-355, 2014.

Vigelsø A, Andersen NB, Dela F. The relationship between skeletal muscle mitochondrial citrate synthase activity and whole body oxygen uptake adaptations in response to exercise training. *International Journal of Physiology, Pathophysiology and Pharmacology*. 6:84-101, 2014.

Vissing K, Schjerling P. Simplified data access on human skeletal muscle transcriptome responses to differentiated exercise. *Scientific Data*. 1:140041, 2014.

Wadmann S, Hoeyer K. Beyond the therapeutic misconception: Research, care and moral friction. *BioSocieties*. 9:3-23, 2014.

Wadmann S. Physician-industry collaboration: conflicts of interest and the imputation of motive. *Social Studies of Science*. 44(4):531–554, 2014.

Wimmelmann CL, Dela F, Mortensen EL. Psychological predictors of mental health and health-related quality of life after bariatric surgery: A review of the recent research. *Obs Res Clin Pract*. 8:e314-e324, 2014.

Wimmelmann CL, Dela F, Mortensen EL. Psychological predictors of weight loss after bariatric surgery: A review of the recent research. *Obs Res Clin Pract*. 8:e299-e313, 2014.

Yeung CY, Gossan N, Lu Y, Hughes A, Hensman JJ, Bayer ML, Kjaer M, Kadler KE, Meng QJ. Gremlin-2 is a BMP antagonist that is reduced by the circadian clock. *Sci Rep*. 4:5183-5194, 2014.

## 2015

Agergaard J, Trøstrup J, Uth J, Iversen JV, Boesen A, Andersen JL, Schjerling P, Langberg H. Does vitamin-D intake during resistance training improve the skeletal muscle hypertrophic and strength response in young and elderly men? - a randomized controlled trial. *Nutrition & Metabolism*. 12:32, 2015.

Avlund K. Disability in old age – the relationship with oral health. I: Holm-Pedersen P, Walls A, Ship J. *Textbook of Geriatric Dentistry, 3rd edition*. 119-130, 2015.

Ayata C, Lauritzen M. Spreading Depression, Spreading Depolarizations, and the Cerebral Vasculature. *Physiological Review*. 95:953-93, 2015.

Baranowski M, Blachnio-Zabielska AU, Charmas M, Helge JW, Dela F, Ksiazek M, Dlugolecka B, Klusiewicz A, Chabowski A, Gorski J. Exercise increases sphingoid base-1-phosphate levels in human blood and skeletal muscle in a time- and intensity-dependent manner. *European Journal of Applied Physiology*. 115:993-1003, 2015.

Bergersen LH. Lactate transport and signaling in the brain: potential therapeutic targets and roles in body-brain interaction. *J Cereb Blood Flow Metab*. 35(2):176-85, 2015.

Beyer R, Kongsgaard M, Kjaer BH, Ohlenschlaeger T, Kjaer M, Magnusson SP. Heavy slow resistance versus eccentric training as a treatment of Achilles tendinopathy: A randomized controlled trial. *Am J Sports Med*. 43:1704-11, 2015.

Bo S, Bach B, Mortensen EL, Simonsen E. Reliability and Hierarchical Structure of DSM-5 Pathological Traits in a Danish Mixed Sample. *Journal of Personality Disorders*. 23:1-18, 2015.

Bojsen-Møller J, Magnusson SP. Non-uniform loading of the human Achilles tendon in vivo. *Exercise and Sports Sciences Reviews*. 43:190-197, 2015.

Boushel R, González-Alonso J, Calbet JAL, Helge JW, Søndergaard H, Munch-Andersen Th, van Hall G, Calbet JL. Maintained peak leg and pulmonary VO<sub>2</sub> despite substantial reduction in muscle mitochondrial capacity. *Scandinavian Journal of Medicine & Science in Sports*. 25(4):135-143, 2015.

- Brandt N, O'Neill HM, Kleinert M, Schjerling P, Vernet E, Steinberg GR, Richter EA, Jørgensen SB. Leukemia inhibitory factor increases glucose uptake in mouse skeletal muscle. *American Journal of Physiology*. 309:E142-53, 2015.
- Bruun Christiansen L, Prats C, Hyttel P, Koch J. Ultrastructural myocardial changes in seven cats with spontaneous hypertrophic cardiomyopathy. *Journal of Veterinary Cardiology*. 17(1):S220-32, 2015.
- Buhmann C, Andersen I, Mortensen EL, Ryberg J, Nordentoft M, Ekstroem M. Cognitive Behavioral Psychotherapeutic treatment at a psychiatric trauma clinic for Refugees: description and evaluation. *Torture*. 25:17-32, 2015.
- Buhmann C, Mortensen EL, Nordentoft M, Ryberg J, Ekstroem M. Follow-up study of the treatment outcomes at a psychiatric trauma clinic for refugees. *Torture*. 25: 1-16, 2015.
- Buhmann CB, Nordentoft M, Ekstroem M, Carlsson J, Mortensen EL. The effect of flexible cognitive behavioral therapy and medical treatment, including antidepressants on PTSD and depression in traumatized refugees – a randomized controlled clinical trial. *British Journal of Psychiatry*. 208:252-259, 2016.
- Bursomanno S, Beli P, Khan AM, Minoccherhomji S, Wagner SA, Bekker-Jensen S, Mailand N, Choudhary C, Hickson ID, Liu Y. Proteome-wide analysis of SUMO2 targets in response to pathological DNA replication stress in human cells. *DNA Repair*. 25:84-96, 2015.
- Bursomanno S, McGouran JF, Kessler BM, Hickson ID, Liu Y. Regulation of SUMO2 Target Proteins by the Proteasome in Human Cells Exposed to Replication Stress. *J Proteome Res*. 14:1687-1699, 2015.
- Bødker M. The negotiation of needs, resources and potentials in an eldercare paradigm of help to self-help. *European Journal of Public Health*. 25(3):352, 2015.
- Bødker M, Nielsen AJ. Providing rehabilitation online – invisible work and diagnostic agents. *Journal of Health Organization and Management*. 29(7):948-64, 2015.
- Calbet JAL, González-Alonso J, Helge JW, Søndergaard H, Munch-Andersen Th, Saltin B, Boushel R. Central and peripheral hemodynamics in exercising humans: leg vs arm exercise. *Scandinavian Journal of Medicine & Science in Sports*. 25(4):144-157, 2015.
- Christensen J, Fisker A, Mortensen EL, Olsen LR, Mortensen OS, Hartvigsen J, Langberg H. Comparison of mental distress in patients with low back pain and a population-based control group measured by Symptoms Check List - A case-referent study. *Scandinavian Journal of Public Health*. 43:638-647, 2015.
- Christensen JA, Carrillo O, Leary EB, Peppard PE, Young T, Sorensen HB, Jennum P, Mignot E. Sleep-stage transitions during polysomnographic recordings as diagnostic features of type 1 narcolepsy. *Sleep Medicine*. 16:1558-66, 2015.
- Christensen JA, Munk EG, Peppard PE, Young T, Mignot E, Sorensen HB, Jennum P. The diagnostic value of power spectra analysis of the sleep electroencephalography in narcoleptic patients. *Sleep Medicine*. 16:1516-27, 2015.
- Christensen LT. Selvhjulpe borgere. Bag om fænomenet hverdagsrehabilitering (Self-reliant Citizens. Behind the phenomenon everyday rehabilitation). In: Oxlund B (ed.): Aldringens Veje. Sundhed og socialitet i danske livsforløb. *Frydenlund*, 2015.
- Christiansen LB, Dela F, Koch J, Hansen CN, Leifsson PS, Yokota T. Impaired cardiac mitochondrial oxidative phosphorylation and enhanced mitochondrial oxidative stress in feline hypertrophic cardiomyopathy. *American Journal of Physiology: Heart and Circulatory Physiology*. 308:H1237-H1247, 2015.

- Christiansen LB, Dela F, Koch J, Yokota T. Tissue-specific and substrate-specific mitochondrial bioenergetics in feline cardiac and skeletal muscles. *Journal of Veterinary Medical Science*. 77:669-675, 2015.
- Chu WK, Payne MJ, Beli P, Hanada K, Choudhary C, Hickson ID. FBH1 influences DNA replication fork stability and homologous recombination through ubiquitylation of RAD51. *Nature Communications*. 6:5931, 2015.
- Clark AJ, Salo P, Lange T, Jenum P, Virtanen M, Pentti J, Kivimäki M, Vahtera J, Rod NH. Onset of impaired sleep as a predictor of change in health-related behaviours; analysing observational data as a series of non-randomized pseudo-trials. *International Journal of Epidemiology*. 44:1027-37, 2015.
- Couppé C, Svensson RB, Kongsgaard M, Kovanen V, Grosset JF, Snorgaard O, Bencke J, Larsen JO, Bandholm T, Christensen TM, Boesen A, Helmark IC, Aagaard P, Kjær M, Magnusson SP. Human Achilles tendon glycation and function in diabetes. *Journal of Applied Physiology*. 120:130-137, 2016.
- Couppé C, Svensson RB, Silbernagel KG, Langberg H, Magnusson SP. The Influence of Exercise Load in the Treatment of Tendinopathies. *Journal of Orthopedic and Sports Physical Therapy*. 45:853-863, 2015.
- Dahl R, Larsen S, Dohlmann TL, Qvortrup K, Helge JW, Dela F, Prats C. Three dimensional reconstruction of the human skeletal muscle mitochondrial network as a tool to assess mitochondrial content and structural organization. *Acta Physiologia*. 213:145-55, 2015.
- Dall CH, Gustafsson F, Christensen SB, Dela F, Langberg H, Prescott E. Effect of moderate- versus high-intensity exercise on vascular function, biomarkers and quality of life in heart transplant recipients: A randomized, crossover trial. *Journal of Heart and Lung Transplantation*. 34:1033-1041, 2015.
- Dela F, Helge JW. Comment on "Brown Adipose Tissue Improves Whole-Body Glucose Homeostasis and Insulin Sensitivity in Humans". Letter. *Diabetes*. 64(6):e12 - 13, 2015.
- Dela F. Functional adaptation of the human beta-cells after frequent exposure to noradrenaline. *Journal of Physiology*. 593:3199-3206, 2015.
- Dela F. Mitochondrial Physiology - from organelle to organism. *Acta Scandinavica Physiologica*. 213:752, 2015.
- Desler C, Frederiksen JH, Angleys M, Maynard S, Keijzers G, Fagerlund B, Mortensen EL, Osler M, Lauritzen M, Bohr VA, Rasmussen LJ. Increased deoxythymidine triphosphate levels is a feature of relative cognitive decline. *Mitochondrion*. 25:34-37, 2015.
- Eriksen HF, Kesmodel US, Pedersen LH, Mortensen EL. No association between prenatal exposure to psychotropics and intelligence age five. *Acta Obstetricia et Gynecologica Scandinavica*. 94:501-507, 2015.
- Faerch LH, Thorsteinsson B, Tarnow L, Juul HJ, Kjaer T, Kanters J, Larroude C, Dela F, Pedersen-Bjergaard U. Effects of angiotensin II receptor blockade on cerebral, cardiovascular, counter-regulatory, and symptomatic responses during hypoglycaemia in patients with type 1 diabetes. *J Renin Angiotensin Aldosterone Syst*. 16(4):1036-45, 2015.
- Fentz J, Kjøbsted R, Birk JB, Jordy AB, Jeppesen J, Thorsen K, Schjerling P, Kiens B, Jessen N, Viollet B, Wojtaszewski JF. AMPK $\alpha$  is critical for enhancing skeletal muscle fatty acid utilization during in vivo exercise in mice. *FASEB Journal*. 29:1725-38, 2015.
- Fentz J, Kjøbsted R, Kristensen CM, Hingst JR, Birk JB, Gudiksen A, Foretz M, Schjerling P, Viollet B, Pilegaard H, Wojtaszewski JF. AMPK $\alpha$  is essential for acute exercise-induced gene responses but not for exercise traininginduced adaptations in mouse skeletal muscle. *American Journal of Physiology*. 309:E900-14, 2015.
- Flensburg-Madsen T, Mortensen EL. Infant developmental milestones and adult intelligence: A 34-year followup. *Early Human Development*. 91:393-400, 2015.

Fløe A, Hilberg O, Wejse C, Løkke A, Ibsen R, Kjellberg J, Jenum P. The economic burden of tuberculosis in Denmark 1998-2010. Cost analysis in patients and their spouses. *International journal of infectious diseases.* 32:183-90, 2015.

Fugger K, Mistrik M, Neelsen KJ, Yao Q, Zellweger R, Kousholt AN, Haahr P, Chu WK, Bartek J, Lopes M, Hickson ID, Sørensen CS. FBH1 Catalyzes Regression of Stalled Replication Forks. *Cell Reports.* 10:1749-1757, 2015.

Gifford JR, Trinity JD, Layec G, Garten RS, Park SY, Rossman MJ, Larsen S, Dela F, Richardson RS. Quadriceps Exercise Intolerance in Patients with Chronic Obstructive Pulmonary Disease: The Role of Altered Skeletal Muscle Mitochondrial Respiration. *Journal of Applied Physiology.* 119:882-888, 2015.

Gnaiger E, Boushel R, Søndergaard H, Munch-Andersen Th, Damsgaard R, Hagen C, Díez-Sánchez C, Ara I, Wright-Paradis C, Schrauwen P, Hesselink M, Calbet J, Christiansen M, Helge JW, Saltin B. Preserved Mitochondrial Coupling and Adaptive Substrate Control in Skeletal Muscle of Inuit and Caucasians in the Arctic Winter. *Scandinavian Journal of Medicine & Science in Sports.* 25(4):126-134, 2015.

González-Alonso J, Calbet JAL, Boushel R, Helge JW, Søndergaard H, Munch-Andersen Th, van Hall G, Mortensen SP, Secher NH, Saltin B. Blood temperature and regulation of perfusion in exercising and non-exercising human limbs. *Experimental Physiology.* 100:1118-1131, 2015.

Gram M, Vigelso A, Yokota T, Helge JW, Dela F, Hey-Mogensen M. Skeletal muscle mitochondrial H<sub>2</sub>O<sub>2</sub> emission increases with immobilization and decreases after aerobic training in young and older men. *Journal of Physiology.* 593:4011-4027, 2015.

Guadalupe-Grau A, Plenge U, Helbo S, Kristensen M, Andersen PR, Fago A, Belhage B, Dela F, Helge JW. Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. *Journal of Sports Science.* 33:570-578, 2015.

Handlos LN, Olwig KF, Bygbjerg IC, Kristiansen M, Norredam M. Return migration among elderly, chronically ill Bosnian refugees: Does health matter? *International Journal of Environmental Research and Public Health.* 12(10):12643-61, 2015.

Hansen M, Lund MT, Gregers E, Kraunsoe R, van Hall G, Helge JW, Dela F. Adipose tissue mitochondrial respiration and lipolysis before and after a weight loss by diet and RYGB. *Obesity.* 23(10):2022-9, 2015.

Hansen M, Lund MT, Jorgensen AL, Palsoe MK, van Hall G, Helge JW, Dela F. The effects of diet- and RYGB-induced weight loss on insulin sensitivity in obese patients with and without type 2 diabetes. *Acta Diabetologica.* 53:423- 432, 2016.

Hansen M, Palsøe MK, Helge JW, Dela F. The Effect of Metformin on Glucose Homeostasis During Moderate Exercise. *Diabetes Care.* 38(2):293-301, 2015.

Helge JW, Kjaer M. Kost, motion og sport, In: *Menneskets ernæring.* Eds: Astrup A., Bügel S, Dyerberg J, og Stender S. Munksgaard. 29: 423-440, 2015.

Herchenhan A, Bayer ML, Eliasson P, Magnusson SP, Kjaer M. Insulin-like growth factor I enhances collagen synthesis in engineered human tendon tissue. *Growth Hormone IGF Research.* 25:13-19, 2015.

Hershenhan A, Uhlenbrock F, Eliasson P, Weis M-A, Eyre D, Kadler KE, Magnusson SP, Kjaer M. Lysyl Oxidase activity is required for ordered collagen fibrillogenesis by tendon cells. *J Biol Chem.* 290:16440-50, 2015.

Hershenhan A, Uhlenbrock F, Eliasson P, Weis MA, Eyre D, Kadler KE, Magnusson SP, Kjaer M. Lysyl Oxidase activity is required for ordered collagen fibrillogenesis by tendon cells. *Journal of Biological Chemistry.* 290:16440-50, 2015.

Hey-Mogensen M, Gram M, Jensen MB, Lund MT, Hansen CN, Scheibye-Knudsen M, Bohr VA, Dela F. A novel method for determining human ex vivo submaximal skeletal muscle mitochondrial function. *Journal of Physiology*. 593:3991-4010, 2015.

Holm C, Kjaer M, Eliasson P. Achilles tendon rupture – treatment and complications: A systematic review. *Scandinavian Journal of Medicine and Science in Sports*. 25:e1-10, 2015.

Holm L, Jespersen A, Nielsen DS, Frøst MB, Reitelseder S, Jensen T, Engelsen SB, Kjaer M, Damsholt T. Hurrah for the increasing longevity: feasible strategies to counteract age-related loss of skeletal muscle mass. *Scand J Med Sci Sports*. 25(1):1-2, 2015.

Huang T, Larsen KT, Jepsen JR, Møller NC, Thorsen AK, Mortensen EL, Andersen LB. Effects of an obesity intervention program on cognitive function in children: A randomized controlled trial. *Obesity*. 23:2101-2108, 2015.

Jensen RB, Juul A, Larsen T, Mortensen EL, Greisen G. Cognitive ability in adolescents born small for gestational age: Associations with fetal growth velocity, head circumference and postnatal growth. *Early Human Development*. 91(12):755-60, 2015.

Jessen SB, Brazhe A, Lind BL, Mathiesen C, Thomsen K, Jensen K, Lauritzen M. GABA Receptor-Mediated Bidirectional Control of Synaptic Activity, Intracellular Ca<sup>2+</sup>, Cerebral Blood Flow, and Oxygen Consumption in Mouse Somatosensory Cortex In Vivo. *Cerebral Cortex*. 25:2594-609, 2015.

Joyner M, Kjaer M, Larsen PO. The Copenhagen Muscle Research Centre (CMRC) 1994-2004. *Scand J Med Sci Sports*. 25 (4):22-28, 2015.

Karlsen A, Couppé C, Andersen JL, Mikkelsen UR, Nielsen RH, Magnusson P, Kjaer M, Mackey AL. Matters of fiber size and myonuclear domain; does size matter more than age? *Muscle Nerve*. 52:1040-1046, 2015.

Keijzers G, Bohr VA, Rasmussen LJ. Human exonuclease 1 (EXO1) activity characterization and its function on FLAP structures. *Biosci Rep*. 25:35(3). 2015.

Kesmodel US, Kjaersgaard MIS, Denny CH, Bertrand J, Skogerbo Å, Eriksen HF, Bay B, Underbjerg M, Mortensen EL. The association of pre-pregnancy alcohol drinking with child neuropsychological functioning. *BJOG*. 122:1728-1738, 2015.

Kilburn TR, Eriksen HF, Underbjerg M, Thorsen P, Mortensen EL, Landrø NI, Bakketeig LS, Grove J, Sværke C, Kesmodel US. Low to Moderate Average Alcohol Consumption and Binge Drinking in Early Pregnancy: Effects on Choice Reaction Time and Information Processing Time in Five-Year-Old Children. *PLoS One*. 10(9):e0138611, 2015.

Kjaer M, Jørgensen NR, Heinemeier K, Magnusson SP. Exercise and regulation of bone and collagen tissue biology. *Progress in Molecular Biology and Translational Science*. 135:259-291, 2015.

Kjaer M, Jørgensen NR, Heinemeier K, Magnusson SP. Exercise and regulation of bone and collagen tissue biology. *Prog Mol Biol Transl Sci*. 135:259-291, 2015.

Kjær M. Motion og idræt – det hele menneske, *Ugeskrift for Læger*. 177:2396, 2015.

Kjaer M. Stress loading and matrix remodeling in tendon and skeletal muscle: Cellular mechano-stimulation and tissue remodeling. In: *Fascia in Sports and Movement*. Ed: Schleip R. *Handspring Publ*. 39-45, 2015.

Kjøbsted R, Treebak JT, Fentz J, Lantier L, Viollet B, Birk JB, Schjerling P, Björnholm M, Zierath JR, Wojtaszewski JF. Prior AICAR stimulation increases insulin sensitivity in mouse skeletal muscle in an AMPKdependent manner. *Diabetes*. 64:2042-55, 2015.

Kliszczak M, Sedlackova H, Pitchai GP, Streicher WW, Krejci L and Hickson ID. Interaction of RECQL and MCM10 is important for efficient DNA replication origin firing in human cells. *Oncotarget*. 6:40464-40479, 2015.

Knudsen AB, Larsen M, Mackey AL, Hjort M, Hansen KK, Qvortrup K, Kjaer M, Krogsgaard MR. The human myotendinous junction: An ultrastructural and a 3D analysis study. *Scandinavian Journal of Medicine and Science in Sports*. 25:116-23, 2015.

Kosters A, Potzelsberger B, Dela F, Dorn U, Hofstaedter T, Fink C, Muller E. Alpine Skiing With total knee ArthroPlasty (ASWAP): study design and intervention. *Scandinavian Journal of Medicine & Science in Sports*. 25(2):3-9, 2015.

Krasnik A. Categorizations of migrants and ethnic minorities — are they useful for decisions on public health interventions? *Editorial. European Journal of Public Health*. 25(6):907, 2015.

Kriegbaum M, Hendriksen C, Vass M, Mortensen EL, Osler M. Hypnotics and mortality – partial confounding by disease, substance abuse and socioeconomic factors? *Pharmacoepidemiology & Drug Safety*. 24(7):779-783, 2015.

Kristensen DE, Albers PH, Prats C, Baba O, Birk JB, Wojtaszewski JF. Human muscle fibre type-specific regulation of AMPK and downstream targets by exercise. *Physiology*. 593:2053-69, 2015.

Kristensen M, Potzelsberger B, Scheiber P, Bergdahl A, Hansen CN, Andersen JL, Narici M, Salvioli S, Conte M, Muller E, Dela F. Alpine Skiing With total knee ArthroPlasty (ASWAP): metabolism, inflammation, and skeletal muscle fiber characteristics. *Scandinavian Journal of Medicine & Science in Sports*. 25(2):40-48, 2015.

Kristensen MM, Helge JW, Dela F. Comment on Rezen et al. Expression changes in human skeletal muscle miRNAs following 10 days of bed rest in young healthy males. *Acta Physiologia*. 214:157, 2015.

Kristiansen M, Adamsen L, Brinkmann FK, Krasnik A, Hendriksen C. Need for strengthened focus on cancer rehabilitation in Danish municipalities. *Danish Medical Journal*. 62:4. 2015.

Kristiansen M, Lue-Kessing L, Norredam M, Krasnik A. Migrants' perceptions of aging in Denmark and attitudes towards remigration: findings from a qualitative study. *BMC Health Services Research*. 15:225, 2015.

Kvorning T, Kadi F, Schjerling P, Andersen M, Brixen K, Suetta C, Madsen K. The activity of satellite cells and myonuclei following 8 weeks of strength training in young men with suppressed testosterone levels. *Acta Physiologia*. 213:676-87, 2015.

Larsen S, Danielsen JH, Sondergaard SD, Sogaard D, Vigelsoe A, Dybboe R, Skaaby S, Dela F, Helge JW. The effect of high-intensity training on mitochondrial fat oxidation in skeletal muscle and subcutaneous adipose tissue. *Scandinavian Journal of Medicine & Science in Sports*. 25:59-69, 2015.

Larsen S, Scheede-Bergdahl C, Whitesell T, Boushel R, Bergdahl A. Increased intrinsic mitochondrial respiratory capacity in skeletal muscle from rats with streptozotocin-induced hyperglycemia. *Physiological Reports*. 3(7):e12467, 2015.

Lassen AJ. Biopolíticas de la vejez – Cómo el conocimiento sobre el envejecimiento forma políticas de envejecimiento activo. *Sociología Histórica*. 2015.

Lassen AJ. Forming old age: Innovation partnerships, activity centers and billiards tables as active ageing technologies. In: Loffeier I, Majerus B, Moulaert T (eds.) *Framing age: Contested knowledge in science and politics*. Routledge, pp. 222-236, 2015.

Lassen AJ. Keeping disease at arm's length: How older Danish people distance disease through active ageing. *Ageing & Society*. 35(7):1364-1383, 2015.

Lassen AJ, Bønnelycke J, Otto L. Innovating for 'active ageing' in a public-private innovation partnership: Creating doable problems and alignment. *Technological Forecasting and Social Change*. 93:10-18, 2015.

Lassen AJ, Jespersen AP. Ældres hverdagspraksisser i aldringspolitikken: Om synkroniseringsarbejdet imellem hverdag og politik (Old People's Everyday Practices and Ageing Policy – On the Synchronisation between Everyday Life and Policy). *Kulturstudier*. 1:79-99, 2015.

Lauritzen F, Eid T, Bergersen LH. Monocarboxylate transporters in temporal lobe epilepsy: roles of lactate and ketogenic diet. *Brain Struct Funct*. 220(1):1-12, 2015.

Lauritzen KH, Kleppa L, Aronsen JM, Eide L, Carlsen H, Haugen ØP, Sjaastad I, Klungland A, Rasmussen LJ, Attramadal H, Storm-Mathisen J, Bergersen LH. Impaired dynamics and function of mitochondria caused by mtDNA toxicity leads to heart failure. *Am J Physiol Heart Circ Physiol*. 309:H434-49, 2015.

Lenskjold A, Kongsgaard M, Larsen JO, Nielsen RH, Kovanen V, Aagaard P, Kjaer M, Magnusson SP. The influence of physical activity during youth on structural and functional properties of the Achilles tendon. *Scand Journal of Medicine & Science in Sports*. 25(1):25-31, 2015.

López-Contreras AJ, Specks J, Barlow JH, Ambrogio C, Desler C, Vikingsson S, Rodrigo-Perez S, Green H, Rasmussen LJ, Murga M, Nussenzweig A, Fernandez-Capetillo O. Increased Rrm2 gene dosage reduces fragile site breakage and prolongs survival of ATR mutant mice. *Genes & Dev*. 29:690-695, 2015.

Lund MT, Hansen M, Skaaby S, Dalby S, Stockel M, Floyd AK, Bech K, Helge JW, Holst JJ, Dela F. Preoperative beta-cell function in patients with type 2 diabetes is important for the outcome of Roux-en-Y gastric bypass surgery. *Journal of Physiology*. 593:3123-3133, 2015.

Lund R, Mortensen EL, Christensen U, Bruunsgaard H, Holm-Pedersen P, Fiehn NE, Molbo D, Jepsen E, Hansen ÅM, Osler M. Cohort Profile: The Copenhagen Aging and Midlife Biobank (CAMB). *International Journal of Epidemiology*. 25. pii: dyv149, 2015.

Lynge Pedersen AM, Nauntofte B, Smidt D, Torpet LA. Oral mucosal lesions in older people: relation to salivary secretion, systemic diseases and medications. *Oral Dis*. 21(6):721-9, 2015.

Mansour A, Marya M, Deborah C, Bohr VA. The role of DNA base excision repair in brain homeostasis and disease. *DNA Repair*. 32:172-9, 2015.

Mansour A, Peter S, Bohr VA. Slow mitochondrial repair of 5'-AMP renders mtDNA susceptible to damage in APTX deficient cells. *Scientific Reports*. 10(5):12876, 2015.

Masters Pedersen J, Rod NH, Lange T, Poulsen G, Prescott E, Andersen I, Lund R. Accumulation of major life events in childhood and adult life and risk of type 2 diabetes mellitus. *PlosOne*. 22;10(9):e0138654, 2015.

Maynard S, Fang EF, Scheibye-Knudsen M, Croteau DL, Bohr VA. DNA Damage, DNA Repair, Aging, and Neurodegeneration. *Cold Spring Harb Perspect Med*. 18:5(10), 2015.

Maynard S, Hejl AM, Dinh TST, Keijzers G, Hansen ÅM, Desler C, Moreno-Villanueva M, Bürkle A, Rasmussen LJ, Waldemar G, Bohr VA. Defective mitochondrial respiration, altered dNTP pools and reduced AP endonuclease 1 activity in peripheral blood mononuclear cells of Alzheimer's disease patients. *Aging*. 7:793-815, 2015.

Maynard S, Keijzers G, Hansen ÅM, Osler M, Molbo D, Bendix L, Møller P, Loft S, Moreno-Villanueva M, Bürkle A, Poulsen Hvitby C, Schurman SH, Stevensner T, Rasmussen LJ, Avlund K, Bohr VA. Associations of subjective

- vitality with DNA damage, cardiovascular risk factors and physical performance. *Acta Physiologica*. 213(1):156-70, 2015.
- Meincke RH, Osler M, Mortensen EL, Hansen ÅM. Is Intelligence in Early Adulthood Associated With Midlife Physical Performance Among Danish Males? *Journal of Aging and Health*. 28(3):530-45, 2015.
- Michaelis C, Kristiansen M, Norredam M. Quality of life and coping strategies among immigrant women living with pain in Denmark: a qualitative study. *BMJ Open*. 5(7):e008075, 2015.
- Mikkelsen HH. "Vi fandt ungdom i seniorboliger": Aldring, autonomi og kollektiv historiefortælling historiefortælling ("We found youth in senior housing": Aging, autonomy and collective historical narration). *Gerontologi*. 2:26-31, 2015.
- Mikkelsen SS, Tolstrup JS, Becker U, Mortensen EL, Flensburg-Madsen T. Social network as predictor for onset of alcohol use disorder: A prospective cohort study. *Comprehensive Psychiatry*. 61:57-63, 2015.
- Mikkelsen UR, Dideriksen K, Andersen MB, Boesen A, Malmgaard-Clausen NM, Sørensen IJ, Schjerling P, Kjaer M, Holm L. Preserved skeletal muscle protein anabolic response to acute exercise and protein intake in well-treated rheumatoid arthritis patients. *Arthritis Res Ther*. 17:271-281, 2015.
- Minocherhomji S, Ying S, Bjerregaard VA, Bursomanno S, Aleliunaite A, Wu W, Mankouri HW, Shen H, Liu Y, Hickson ID. Replication stress activates DNA repair synthesis in mitosis. *Nature*. 528:286-290, 2015.
- Moeller SB, Bech P, Kessing L, Mortensen EL, Stephen F, Bukh JOD. A Psychometric Validation Analysis of Eysenck's Neuroticism and Extraversion Scales in a Sample of First Time Depressed Patients. *Journal of Depression and Anxiety*. 4:202, 2015.
- Mortensen EL. Life course consequences of breastfeeding (invited comment). *Lancet Global Health*. 3:179-180, 2015.
- Mygind E, Wulf K, Rosenkilde M, Helge JW. Prediction of performance in Vasaloppet through long lasting ski-ergometer and rollerski tests. *International Journal of Sports and Exercise Medicine*. 1(5), 2015.
- Narici M, Conte M, Salvioli S, Franceschi C, Selby A, Dela F, Rieder F, Kosters A, Muller E. Alpine Skiing With total knee ArthroPlasty (ASWAP): impact on molecular and architectural features of musculo-skeletal ageing. *Scandinavian Journal of Medicine & Science in Sports*. 25(2):33-39, 2015.
- Newman JA, Savitsky P, Allerston CK, Bizard AH, Özer Ö, Sarlós K, Liu Y, Pardon E, Steyaert J, Hickson ID, Gileadi O. Crystal structure of the Bloom's syndrome helicase indicates a role for the HRDC domain in conformational changes. *Nucleic Acids Research*. 43:5221-5235, 2015.
- Nielsen CF, Huttner D, Bizard AH, Hirano S, Li T-N, Palmai-Pallag T, Bjerregaard VA, Liu Y, Nigg EA, Wang LH-H, Hickson ID. PICH promotes sister chromatid disjunction and co-operates with topoisomerase II in mitosis. *Nature Communications*. 6:8962, 2015.
- Nordbrandt MS, Carlsson J, Lindberg LG, Sandahl H, Mortensen EL. Treatment of traumatised refugees with basic body awareness therapy versus mixed physical activity as add-on treatment: Study protocol of a randomised controlled trial. *Trials*. 16(1):477, 2015.
- Nordby P, Rosenkilde M, Ploug T, Helge JW, Westh K, Feigh M, Stallknecht B. Independent effects of endurance training and weight loss on peak fat oxidation in moderately overweight men: a randomized controlled trial. *Journal of Applied Physiology*. 118:803-810, 2015.
- Norregaard J, Gram M, Vigelsoe A, Wiuff C, Kuhlman AB, Helge JW, Dela F. The Effect of Reduced Physical Activity and Retraining on Blood Lipids and Body Composition in Young and Older Adult Men. *Journal of Aging and Physical Activity*. 23:489-495, 2015.

- Norup A, Kristensen KS, Poulsen I, Mortensen EL. Evaluating clinically significant changes in health-related quality of life: A sample of relatives of patients with severe traumatic brain injury. *Neuropsychological Rehabilitation*. 24:1-20, 2015.
- Norup A, Mortensen EL. Prevalence and Predictors of Personality Change after Severe Brain Injury. *Archives Phys Med Rehabil*. 96:56-62, 2015.
- Norup A, Petersen J, Siert L, Mortensen EL. Relatives of Patients with Severe Brain Injury: Growth Curve Analysis of Anxiety and Depression the First Year after Injury. *Brain Injury*. 29:822-829, 2015.
- Odlaug BL, Lust K, Wimmelmann CL, Chamberlain SR, Mortensen EL, Derbyshire K, Christenson G, Grant JE. Prevalence and correlates of being overweight or obese in college. *Psychiatry Research*. 27:58-64, 2015.
- Olsen RH, Couppé C, Dall CH, Monk-Hansen T, Mikkelsen UR, Karlsen A, Høst NB, Magnusson SP, Prescott E. Age-related decline in mitral peak diastolic velocities is unaffected in well trained runners. *Scandinavian Cardiovascular Journal*. 13:1-24, 2015.
- Osler M, Rostrup E, Nordentoft M, Mortensen EL, Bruunsgaard H, Fagerlund B. Influence of early life characteristics on psychiatric admissions and impact of psychiatric disease on inflammatory biomarkers and survival: a Danish cohort study. *World Psychiatry*. 14:364-5, 2015.
- Ramos-Molina B, López-Contreras AJ, Lambertos A, Dardonville C, Cremades A, Peñafiel R. Influence of ornithine decarboxylase antizymes and antizyme inhibitors on agmatine uptake by mammalian cells. *Amino Acids*. 47(5):1025-34, 2015.
- Revsbech R, Mortensen EL, Owen G, Nordgaard J, Jansson L, Sæbye D, Flensburg-Madsen T, Parnas J. Exploring rationality in schizophrenia. *British Journal of Psychiatry Open*. 1:98-103, 2015.
- Rosenkilde M, Morville T, Riis AP, Kjaer K, Rasmussen H, Holst JJ, Dela F, Westerterp K, Sjodin A, Helge JW. Inability to match energy intake with energy expenditure at sustained near-maximal rates of energy expenditure in older men during a 14-d cycling expedition. *American Journal of Clinical Nutrition*. 102:1398-1405, 2015.
- Rudkjøbing A, Vrangbaek K, Birk HO, Andersen JS, Krasnik A. Evaluation of a policy to strengthen case management and quality of diabetes care in General Practice in Denmark. *Health Policy*. 119(8):1023-30, 2015.
- Ruiz S, López-Contreras AJ, Gabut M, Marion RM, Gutierrez-Martinez P, Bua S, Ramirez O, Olalde I, Rodrigo-Perez S, Li H, Marques-Bonet T, Serrano M, Blasco MA, Batada NN, Fernandez-Capetillo O. Limiting replication stress during somatic cell reprogramming reduces genomic instability in induced pluripotent stem cells. *Nat Commun*. 21(6):8036, 2015.
- Sander M, Oxlund B, Jespersen A, Krasnik A, Mortensen EL, Westendorp R, Rasmussen LJ. The Challenges of Human Population Aging. *Age and Aging*. 44:185-187, 2015.
- Schiffman J, Kline E, Jameson ND, Sorensen HJ, Dodge S, Tsuji T, Mortensen EL, Mednick SA. Premorbid multivariate prediction of adult psychosis-spectrum disorder: A high-risk prospective investigation. *Schizophrenia Research*. 168:74-78, 2015.
- Schiffman J, Mittal V, Kline E, Michelsen N, Ekstrøm M, Mortensen EL, Mednick S, Sørensen HJ. Childhood dyspraxia predicts adult-onset schizophrenia spectrum disorder. *Development and Psychopathology*. 27(4 Pt 1):1323-30, 2015.
- Schwartz S, Magnusson SP, McHugh M. Effects of Contract-Relax versus Static Stretching on Length-Tension Relationship. *Scandinavian Journal of Medicine & Science in Sports*. 25(6):764-9 2015.

- Seynnes OR, Bojsen-Møller J, Albracht K, Arndt A, Cronin NJ, Finni T, Magnusson SP. Ultrasound-based testing of tendon mechanical properties: A critical evaluation. *Journal of Applied Physiology*. 118:133-141, 2015.
- Søndergård S, Dela F, Helge JW, Larsen S. Actovegin, a non-prohibited drug increases oxidative capacity in human skeletal muscle. *European Journal of Sport Science*. 16:801-807, 2016.
- Specks J, Lecona E, López-Contreras AJ, Fernandez-Capetillo O. A Single Conserved Residue Mediates Binding of the Ribonucleotide Reductase Catalytic Subunit RRM1 to RRM2 and Is Essential for Mouse Development. *Mol Cell Biol*. 35(17):2910-7, 2015.
- Svensson RB, Couppe C, Magnusson SP. Mechanical Properties of the Aging Tendon. In: Derby B and Akhtar R (Eds.): *Mechanical Properties of Aging Soft Tissues, Engineering Materials and Processes*. Cham: Springer, 135-165. 2015.
- Uth J, Hornstrup T, Christensen JF, Christensen KB, Jørgensen NR, Helge JW, Brasso K, Andersen LL, Rørth M, Midtgård J, Krustrup P. Football training in men with prostate cancer undergoing androgen deprivation therapy: activity profile and short-term skeletal and postural balance adaptations. *European Journal of Applied Physiology*. 116: 471-80, 2016.
- Van Ginkel S, Amami M, Dela F, Niederseer D, Narici MV, Niebauer J, Scheiber P, Muller E, Fluck M. Adjustments of muscle capillarity but not mitochondrial protein with skiing in the elderly. *Scandinavian Journal of Medicine & Science in Sports*. 25:e360-367, 2015.
- Vigelso A, Dybboe R, Hansen CN, Dela F, Helge JW, Guadalupe GA. GAPDH and beta-actin protein decreases with aging, making Stain-Free technology a superior loading control in Western blotting of human skeletal muscle. *Journal of Applied Physiology*. 118:386-394, 2015.
- Vigelso A, Gram M, Wiuff C, Andersen JL, Helge JW, Dela F. Six weeks' aerobic retraining after two weeks' immobilization restores leg lean mass and aerobic capacity but does not fully rehabilitate leg strength in young and older men. *Journal of Rehabilitation Medicine*. 47:552-560, 2015.
- Vigelsø A, Gram M, Wiuff C, Hansen CN, Prats C, Dela F, Helge JW. Effects of immobilization and aerobic training on proteins related to intramuscular substrate and metabolism in young and older men. *European Journal of Applied Physiology*. 116:481-494, 2016.
- Volper BD, Huynh RT, Arthur KA, Noone J, Gordon BD, Zacherle EW, Munoz E, Sorensen MA, Broderick TL, Magnusson SP, Howden R, Hale TM, Carroll CC. The influence of acute and chronic streptozotocin-induced diabetes on rat tendon extracellular matrix and mechanical properties. *American Journal of Physiology*. 309:R1135-43, 2015.
- Vrangbaek K. Patient involvement in Danish health care. *Journal of Health, Organization and Management*. 29(5):611-24, 2015.
- Wimmelmann CL, Smith E, Lund MT, Dela F, Mortensen EL. The psychological profile of bariatric patients with and without type 2 diabetes: Baseline results of the longitudinal GASMITO-PSYC study. *Surgery for Obesity and Related Diseases*. 11:412-418, 2015.
- Xing M, Wang X, Palmai-Pallag T, Shen H, Helleday T, Hickson ID, Ying S. Acute MUS81 depletion leads to replication fork slowing and a constitutive DNA damage response. *Oncotarget*. 6:37638-37646, 2015.
- Ziegler AK, Grand J, Stangerup I, Nielsen, HJ, Dela F, Magnussen K, Helge JW. Time course for the recovery of physical performance, blood hemoglobin, and ferritin content after blood donation. *Transfusion*. 55:898-905, 2015.

## 2016

Aarestrup J, Bjerregaard LG, Gamborg M, Ängquist L, Tjønneland A, Overvad K, Linneberg A, Osler M, Mortensen EL, Gyntelberg F, Lund R, Tia S, Baker JL. Tracking of body mass index from 7 to 69 years of age. *International Journal of Obesity*. 40:1376-1383, 2016.

Ahuja AK, Jodkowska K, Teloni F, Bizard AH, Zellweger R, Herrador R, Ortega S, Hickson ID, Altmeyer M, Mendez J, Lopes M. A short G1 phase imposes replicative stress and extensive fork remodeling in mouse embryonic stem cells. *Nature Communications*. 7:10660, 2016.

Airik R, Schueler M, Airik M, Cho J, Ulanowicz KA, Porath JD, Hurd TW, Bekker-Jensen S, Schrøder JM, Andersen JS, Hildebrandt F. SDCCAG8 Interacts with RAB Effector Proteins RABEP2 and ERC1 and Is Required for Hedgehog Signaling. *PLoS One*. 11(5):e0156081, 2016.

Andersen C, Søndergaard HB, Bang Oturai D, Laursen JH, Gustavsen S, Larsen NK, Magyari M, Just-Østergaard E, Thørner LW, Sellebjerg F, Ullum H, Oturai AB. Alcohol consumption in adolescence is associated with a lower risk of multiple sclerosis in Danish women. *Multiple Sclerosis*. 22(Suppl 3):430-431, 2016.

Andersen I, Brønnum-Hansen H, Kriegbaum M, Hougaard CØ, Hansen FK, Diderichsen F. Increasing illness among people out of labor market – A Danish register-based study. *Soc Sci Med*. 156:21-8, 2016.

Asmar M, Simonsen L, Asmar A, Holst JJ, Dela F, Bülow J. Insulin plays a permissive role for the vasoactive effect of GIP regulating adipose tissue metabolism in human. *Journal of Clinical Endocrinology and Metabolism*. 101:3155-3162, 2016.

Aspinal F, Glasby J, Rostgaard T, Tuntland H, Westendorp RG. New horizons: Reablement - supporting older people towards independence. *Age and Ageing*. 45(5):572-6, 2016.

Bach B, Lee C, Mortensen EL, Simonsen E. How Do DSM-5 Personality Traits Align With Schema Therapy Constructs? *Journal of Personality Disorders*. 30:502-29, 2016.

Baig N, Kristiansen M. Intensiv sygepleje blandt muslimske patienter. In "Intensiv sygepleje". *Nyt Nordisk Forlag*, 2016.

Bay B, Mortensen EL, Golombok S, Hohwü L, Obel C, Henriksen TB, Kesmodel US. Long-awaited pregnancy: intelligence and academic performance in offspring of infertile parents-a cohort study. *Fertility and Sterility*. 106(5):1033-1040, 2016.

Bechshoeft RL, Reitelseder S, Højfeldt GW, Castro-Mejía JL, Khakimov B, Bin Ahmad HF, Kjær M, Engelsen SB, Johansen SMB, Rasmussen MA, Lassen AJ, Jensen T, Beyer N, Serena A, Perez-Cueto FJA, Nielsen DS, Jespersen AP, Holm L. Counteracting Age-related Loss of Skeletal Muscle Mass: A Randomized Clinical and Ethnological Trial on the Role of Protein Supplementation and Training Load - Rationale, Design and Methods (CALM Intervention Study). *Trials*. 17:397, 2016.

Bieler T, Magnusson SP, Christensen HE, Kjaer M, Beyer N. Muscle power is an important measure to detect deficits in muscle function in hip osteoarthritis: a cross-sectional study. *Disabil Rehabil*. 3:1-8, 2016.

Blum MR, Wijsman LW, Virgini VS, Bauer DC, den Elzen WP, Jukema JW, Buckley BM, de Craen AJ, Kearney PM, Stott DJ, Gussekloo J, Westendorp RG, Mooijaart SP, Rodondi N; PROSPER study group. Subclinical Thyroid Dysfunction and Depressive Symptoms among the Elderly: A Prospective Cohort Study. *Neuroendocrinology*. 103:291-299, 2016.

Bo S, Bach B, Mortensen EL, Simonsen E. Reliability and Hierarchical Structure of DSM-5 Pathological Traits in a Danish Mixed Sample. *Journal of Personality Disorders*. 30:112-129, 2016.

Bregenhorst S, Kallenberger L, Artola-Borán M, Peña-Díaz J, Jiricny J. Non-canonical uracil processing in DNA gives rise to double-strand breaks and deletions: relevance to class switch recombination. *Nucleic Acids Research*. 44(6):2691-705, 2016.

Broekhuizen K, de Gelder J, Wijsman CA, Wijsman LW, Westendorp RG, Verhagen E, Slagboom PE, de Craen AJ, van Mechelen W, van Heemst D, van der Ouderaa F, Mooijaart SP. An Internet-Based Physical Activity Intervention to Improve Quality of Life of Inactive Older Adults: A Randomized Controlled Trial. *Journal of Medical Internet Research*. 18(4):e74. 2016.

Bulow J, Agergaard J, Kjaer M, Holm L, Reitelseder S. No additional effect of different types of physical activity on 10-hour muscle protein synthesis in elderly men on a controlled energy- and protein-sufficient diet. *Exp Gerontol*. 79:16-25, 2016.

Bybjerg S, Agyemang C, Zwisler AD, Krasnik A, Norredam M. Cardiovascular disease incidence and survival: Are migrants always worse off? *European Journal of Epidemiology*. 31(7):667-77, 2016.

Bytoft B, Knorr S, Vlachova Z, Jensen RB, Mathiesen ER, Beck-Nielsen H, Gravholt CH, Jensen DM, Clausen TD, Mortensen EL, Damm P. Long-term Cognitive Implications of Intrauterine Hyperglycemia in Adolescent Offspring of Women With Type 1 Diabetes (the EPICOM Study). *Diabetes Care*. 39:1356-1363, 2016.

Chaker L, Baumgartner C, den Elzen WP, Collet TH, Ikram MA, Blum MR, Dehghan A, Drechsler C, Luben RN, Portegies ML, Iervasi G, Medici M, Stott DJ, Dullaart RP, Ford I, Bremner A, Newman AB, Wanner C, Sgarbi JA, Dörr M, Longstreth WT Jr, Psaty BM, Ferrucci L, Maciel RM, Westendorp RG, Jukema JW, Ceresini G, Imaizumi M, Hofman A, Bakker SJ, Franklyn JA, Khaw KT, Bauer DC, Walsh JP, Razvi S, Gussekloo J, Völzke H, Franco OH, Cappola AR, Rodondi N, Peeters RP; Thyroid Studies Collaboration. Thyroid Function within the Reference Range and the Risk of Stroke : An Individual Participant Data Analysis. *Journal of Clinical Endocrinology and Metabolism*. 101(11):4270-4282, 2016.

Christensen CL, Wulff Helge J, Krasnik A, Kriegbaum M, Rasmussen LJ, Hickson ID, Liisberg KB, Oxlund B, Bruun B, Lau SR, Olsen MN, Andersen JS, Heltberg AS, Kuhlman AB, Morville TH, Dohlmann TL, Larsen S, Dela F. LIFESTAT - Living with statins: An interdisciplinary project on the use of statins as a cholesterol-lowering treatment and for cardiovascular risk reduction. *Scand J Public Health*. 44(5):534-9, 2016.

Christensen GT, Maartensson S, Osler M. The association between depression and mortality - a comparison of survey- and register-based measures of depression. *Journal of Affective Disorders*. 210:111-114, 2016.

Christensen GT, Mortensen EL, Christensen K, Osler M. Intelligence in young adulthood and cause-specific mortality in the Danish Conscription Database – A cohort study of 728160 men. *Intelligence*. 59:64–71, 2016.

Christensen JF, Schjerling P, Andersen JL, Daugaard G, Rørth M, Mackey AL. Muscle satellite cell content and mRNA signaling in germ cell cancer patients – effect of chemotherapy and resistance training. *Anca Oncologica*. 55(9-10):1246-1250, 2016.

Christensen K, Nilsson CJ. Demografi. In: Holm E, Rønholt F (eds.) *Geriatri*. Munksgaard, 17-27, 2016.

de Cabo R, Martin-Montalvo A, Sun Y, Diaz-Ruiz A, Ali A, Gutierrez V, Palacios H, Curtis J, Siendones E, Ariza J, Abulwerdi G, Sun X, Wang A, Pearson K, Fishbein K, Spencer R, Wang M, Han X, Scheibye-Knudsen M, Baur J, Shertzer H, Navas P, Villalba J, Zou S, Bernier M. Cytochrome b5 reductase and the control of lipid metabolism and healthspan. *Aging and Mechanisms of Disease*. 2:16006, 2016.

Devantier TA, Nørgaard BL, Poulsen MK, Garde E, Øvrehus KA, Marwan M, Achenbach S, Dey D, Sørensen LH, Videbeck P. White Matter Lesions, Carotid and Coronary Atherosclerosis in Late-Onset Depression and Healthy Controls. *Psychosomatics*. 57(4):369-77, 2016.

- Dideriksen K, Boesen AP, Kristiansen JF, Magnusson SP, Schjerling P, Holm L, Kjaer M. Skeletal muscle adaptation to immobilization and subsequent retraining in elderly men. No effect of anti-inflammatory medication. *Exp Gerontol.* 82:8-18, 2016.
- Diehl C, Akke M, Bekker-Jensen S, Mailand N, Streicher W, Wikström M. Structural analysis of a complex between small ubiquitin-like modifier 1 (SUMO1) and the ZZ domain of CREB-binding Protein (CBP/p300) reveals a new interaction surface on SUMO. *J Biol Chem.* 291(24):12658-72, 2016.
- Eliasson P, Coupe C, Lonsdale M, Svensson RB, Neergaard C, Kjaer M, Friberg L, Magnusson SP. Ruptured human Achilles tendon has elevated metabolic activity up to 1 year after repair. *Eur J Nucl Med Mol Imaging.* 43:1868-1877, 2016.
- Eriksen CS, Garde E, Reislev NL, Wimmelmann CL, Bieler T, Ziegler AK, Gylling AT, Dideriksen KJ, Siebner HR, Mortensen EL, Kjaer M. Physical activity as intervention for age-related loss of muscle mass and function: protocol for a randomised controlled trial (the LISA study). *BMJ Open.* 6(12):e012951. 2016.
- Eriksen L, Grønbæk M, Helge JW, Tolstrup JS. Cardiorespiratory fitness in 16 025 adults aged 18-91 years and associations with physical activity and sitting time. *Scandinavian Journal of Medicine & Science in Sports.* 26(12):1435-1443, 2016.
- Ertner M. Different generalizations of the elderly in design of welfare technology. *STS Encounters.* 8(1), 2016.
- Ertner, M. Hvem bestemmer, hvad en gangstav skal bruges til? Et etnografisk studie af velfærdsteknologier og deres brugere. *Gerontologi.* 1:8-11, 2016.
- Fang EF, Kassahun H, Croteau DL, Scheibye-Knudsen M, Marosi K, Lu H1, Shamanna RA, Kalyanasundaram S, Bollineni RC, Wilson MA, Iser WB, Wollman BN, Morevati M, Li J, Kerr JS, Lu Q, Waltz TB, Tian J, Sinclair DA, Mattson MP, Nilsen H, Bohr VA. NAD<sup>+</sup> Replenishment Improves Lifespan and Healthspan in Ataxia Telangiectasia Models via Mitophagy and DNA Repair. *Cell Metabolism.* 11:24(4):566-581, 2016.
- Fang EF, Scheibye-Knudsen M, Chua KF, Mattson MP, Croteau DL, Bohr VA. Nuclear DNA damage signalling to mitochondria in ageing. *Nat Rev Mol Cell Biol.* 17(5):308-21, 2016.
- Gaist D, Garde E, Blaabjerg M, Nielsen HH, Krøigård T, Østergaard K, Møller HS, Hjelmborg J, Madsen CG, Iversen P, Kyvik KO, Siebner HR, Ashina M. Migraine with aura and risk of silent brain infarcts and white matter hyperintensities: an MRI study. *Brain.* 139:2015-2013, 2016.
- Ghamrasni SE, Cardoso R, Li L, Guturi KKN, Bjerregaard VA, Liu Y, Venkatesan S, Hande MP, Henderson JT, Sanchez O, Hickson ID, Hakem A, Hakem R. Rad54 and Mus81 cooperation promotes DNA damage repair and restrains chromosome missegregation. *Oncogene.* 35(37):4836-45, 2016.
- Gidaya N, Lee B, Burstyn I, Michael Y, Newschaffer C, Mortensen EL. In utero Exposure to β-2-adrenergic Receptor Agonist Drugs and Risk for Autism Spectrum Disorders. *Pediatrics.* 137:E20151316, 2016.
- Gow AJ, Mortensen EL. Social resources and cognitive ageing across 30 years: the Glostrup 1914 Cohort. *Age and Ageing.* 45:480-486, 2016.
- Haahr P, Hoffmann S, Tollenaere MA, Ho T, Toledo LI, Mann M, Bekker-Jensen S, Räschle M, Mailand N. Activation of the ATR kinase by the RPA-binding protein ETAA1. *Nat Cell Biol.* (11):1196-1207, 2016.
- Handlos LN, Kristiansen M, Norredam M. Wellbeing or welfare benefits – what are the drivers for migration? *Scandinavian Journal of Public Health.* 44(2):117-9, 2016.
- Hansen ÅM, Andersen LL, Mendes de Leon CF, Bruunsgaard H, Lund R. School education, physical performance in late midlife and allostatic load: a retrospective cohort study. *Journal of Epidemiology and Community Health.* 70:748-754, 2016.

Hansen M, Kjaer M. Sex hormones and tendon. *Adv Exp Med Biol.* 920:139-149, 2016.

Hansen RK, Mund A, Poulsen SL, Sandoval M, Klement K, Tsouroula K, Tollenaeere MA, Räschle M, Soria R, Offermanns S, Worzfeld T, Grosse R, Brandt DT, Rozell B, Mann M, Cole F, Soutoglou E, Goodarzi AA, Daniel JA, Mailand N, Bekker-Jensen S. SCA1 promotes DNA double-strand break repair in distinct chromosomal contexts. *Nat Cell Biol.* 18(12):1357-1366, 2016.

Heinemeier KM, Kjaer M, Magnusson SP. Methods of assessing human tendon metabolism and tissue properties in response to changes in mechanical loading. *Adv Exp Med Biol.* 920:97-106, 2016.

Heinemeier KM, Lorentzen MP, Jensen JK, Schjerling P, Seynnes OR, Narici MV, Kjaer M. Local trauma in human patellar tendon leads to a widespread change in gene expression. *J Appl Physiol.* 120:1000-1007, 2016.

Heinemeier KM, Schjerling P, Heinemeier J, Møller MB, Krosgaard MR, Grum-Schwensen T, Petersen MM, Kjaer M. Radiocarbon dating of adult human articular cartilage shows minimal collagen turnover in both healthy and osteoarthritic tissue. *Science Transl Med.* 8:346-56, 2016.

Heim N, Rolden H, van Fenema EM, Weverling-Rijnsburger AW, Tuijl JP, Jue P, Oleksik AM, de Craen AJ, Mooijaart SP, Blauw GJ, Westendorp RG, van der Mast RC, van Everdinck IE. The development, implementation and evaluation of a transitional care programme to improve outcomes of frail older patients after hospitalisation. *Age and Ageing.* 45(5):643-51, 2016.

Hoffmann S, Smedegaard S, Nakamura K, Räschle M, Oka Y, Feng Y, Groth A, Bekker-Jensen S, Mailand N. TRAIP is a PCNA-associated ubiquitin ligase that protects genome stability after replication stress. *J Cell Biol.* 212(1):63-75, 2016.

Holm-Hansen S, Low JK, Zieba J, Gjedde A, Bergersen LH, Karl T. Behavioural effects of high fat diet in a mutant mouse model for the schizophrenia risk gene neuregulin 1. *Genes Brain Behav.* 15:295-304, 2016.

Hou Y, Song H, Croteau DL, Akbari M, Bohr VA. Genome instability in Alzheimer disease. *Mech Ageing Dev.* S0047-6374(16)30047-1, 2016.

Husemoen LL, Ebstrup JF, Mortensen EL, Schwarz P, Skaaby T, Thuesen BH, Jørgensen T, Linneberg A. Serum 25-hydroxyvitamin D and self-reported mental health status in adult Danes. *European Journal of Clinical Nutrition.* 70(1):78-84, 2016.

Ibrahim-Verbaas CA, Bressler J, Debette S, Schuur M, Smith AV, Bis JC, Davies G, Trompet S, Smith JA, Wolf C, Chibnik LB, Liu Y, Vitart V, Kirin M, Petrovic K, Polasek O, Zgaga L, Fawns-Ritchie C, Hoffmann P, Karjalainen J, Lahti J, Llewellyn DJ, Schmidt CO, Mather KA, Chouraki V, Sun Q, Resnick SM, Rose LM, Oldmeadow C, Stewart M, Smith BH, Gudnason V, Yang Q, Mirza SS, Jukema JW, deJager PL, Harris TB, Liewald DC, Amin N, Coker LH, Stegle O, Lopez OL, Schmidt R, Teumer A, Ford I, Karbalai N, Becker JT, Jonsdottir MK, Au R, Fehrman RS, Herms S, Nalls M, Zhao W, Turner ST, Yaffe K, Lohman K, van Swieten JC, Kardia SL, Knopman DS, Meeks WM, Heiss G, Holliday EG, Schofield PW, Tanaka T, Stott DJ, Wang J, Ridker P, Gow AJ, Pattie A, Starr JM, Hocking LJ, Armstrong NJ, McLachlan S, Shulman JM, Pilling LC, Eiriksdottir G, Scott RJ, Kochan NA, Palotie A, Hsieh YC, Eriksson JG, Penman A, Gottesman RF, Oostra BA, Yu L, DeStefano AL, Beiser A, Garcia M, Rotter JI, Nöthen MM, Hofman A, Slagboom PE, Westendorp RG, Buckley BM, Wolf PA, Uitterlinden AG, Psaty BM, Grabe HJ, Bandinelli S, Chasman DI, Grodstein F, Räikkönen K, Lambert JC, Porteous DJ; Generation Scotland, Price JF, Sachdev PS, Ferrucci L, Attia JR, Rudan I, Hayward C, Wright AF, Wilson JF, Cichon S, Franke L, Schmidt H, Ding J, de Craen AJ, Fornage M, Bennett DA, Deary IJ, Ikram MA, Launer LJ, Fitzpatrick AL, Seshadri S, van Duijn CM, Mosley TH. GWAS for executive function and processing speed suggests involvement of the CADM2 gene. *Molecular Psychiatry.* 21:189-197, 2016.

Jansen SW, van Heemst D, van der Grond J, Westendorp RG, Oei NY. Physiological responding to stress in middle-aged males enriched for longevity: a social stress study. *Stress.* 19:28-36, 2016.

- Jensen KK, Kjaer M, Jorgensen LN. Isometric abdominal wall muscle strength assessment in individuals with incisional hernia: A prospective reliability study. *Hernia*. 20(6):831-837, 2016.
- Jensen T, Bechschøft RL, Giacalone D, Otto MH, Bin Ahmad HF, Reitelseder S, Jespersen AP. Whey protein stories. An experiment in writing a multidisciplinary biography. *Appetite*. 285-294. 2016.
- Jorgensen TS, Osler M, Angquist LH, Zimmermann E, Christensen GT, Sorensen TI. The U-shaped association of body mass index with mortality: Influence of the traits height, intelligence, and education. *Obesity*. 24(10):2240-7, 2016.
- Karikkine AC, Scheibye-Knudsen M, Fivenson E, Croteau DL, Bohr VA. Cockayne syndrome: Clinical features, model systems and pathways. *Ageing Res Rev*. S1568-1637(16)30177-5, 2016.
- Kasenburg N, Liptrot M, Reislev NL, Ørting SN, Nielsen M, Garde E, Feragen A. Training shortest-path tractography: Automatic learning of spatial priors. *Neuroimage*. 130: 63-76, 2016.
- Keijzers G, Liu D, Rasmussen LJ. Exonuclease 1 and its Versatile Roles in DNA Repair. *Crit Rev Biochem Mol Biol*. 5:1-12, 2016.
- Knudsen GM, Jensen PS, Erritzoe D, Baaré WF, Ettrup A, Fisher PM, Gillings N, Hansen HD, Hansen LK, Hasselbalch SG, Hennigsson S, Herth MM, Holst KK, Iversen P, Kessing LV, Macoveanu J, Madsen KS, Mortensen EL, Nielsen FÅ, Paulson OB, Siebner HR, Stenbæk DS, Svarer C, Jernigan TL, Strother SC, Frokjaer VG. The Center for Integrated Molecular Brain Imaging (Cimbi) database. *Neuroimage*. 124(Pt B):1213-1219, 2016.
- Kolko M, Vosborg F, Henriksen UL, Hasan-Olive MM, Diget EH, Vohra R, Gurubaran IR, Gjedde A, Mariga ST, Skytt DM, Utheim TP, Storm-Mathisen J, Bergersen LH. Lactate Transport and Receptor Actions in Retina: Potential Roles in Retinal Function and Disease. *Neurochem Res*. 41:1229-36, 2016.
- Koopman JJ, Pijpe J, Böhringer S, van Bodegom D, Eriksson UK, Sanchez-Faddeev H, Ziem JB, Zwaan B, Slagboom PE, de Knijff P, Westendorp RG. Genetic variants determining survival and fertility in an adverse African environment: a population-based large-scale candidate gene association study. *Aging (Albany NY)*. 8:1364-83, 2016.
- Koopman JJ, Rosing MP, Kramer A, Abad JM, Finne P, Heaf JG, Hoitsma AJ, De Meester JM, Palsson R, Postorino M, Ravani P, Wanner C, Jager KJ, van Bodegom D, Westendorp RG. Calculating the Rate of Senescence From Mortality Data: An Analysis of Data From the ERA-EDTA Registry. *Journals of Gerontology Series A Biological Science and Medical Science*. 71:468-474, 2016.
- Koopman JJ, van Bodegom D, Ziem JB, Westendorp RG. An Emerging Epidemic of Noncommunicable Diseases in Developing Populations Due to a Triple Evolutionary Mismatch. *Am J Trop Medical Hygiene*. 94:1189-1192, 2016.
- Kowald A, Kirkwood TBL. Can aging be programmed? A critical literature review. *Aging Cell*. 1–13, 2016.
- Kristiansen M, Razum O, Tezcan-Güntekin H, Krasnik A. Aging and health among migrants in a European perspective. *Public Health Rev*. 37:20, 2016.
- Kusumastuti S, Derkx MG, Tellier S, Di Nucci E, Lund R, Mortensen EL, Westendorp RG. Successful ageing: A study of the literature using citation network analysis. *Maturitas*. 93:4-12, 2016.
- Lassen AJ, Andersen MC. What enhancement technologies suggest about the good death. *Culture Unbound*. 8:2, 2016.

Lauritzen KH, Hasan-Olive MM, Regnell, CE; Kleppa L, Scheibye-Knudsen M, Gjedde A, Klungland A, Bohr VA, Storm-Mathisen J, Bergersen L. A ketogenic diet accelerates neurodegeneration in mice with induced mitochondrial DNA toxicity in the forebrain. *Neurobiology of Aging*. 48:34-47, 2016.

Lecona E, Rodriguez-Acebes S, Specks J, Lopez-Contreras AJ, Ruppen I, Murga M, Muñoz J, Mendez J, Fernandez-Capetillo O. USP7 is a SUMO deubiquitinase essential for DNA replication. *Nat Struct Mol Biol*. 23:270-7, 2016.

Lidegaard L, Schwennesen N, Williang I, Færch K. Barriers and motivators for physical activity among overweight and obese people with type 2 diabetes: patients perspectives. *Diabetic Medicine*. 33(12):1677-1685, 2016.

Lionett S, Dandanell S, Dela F and Helge JW. [Effect of lifestyle changes on weight loss and weight loss maintenance]. *Ugeskrift for Laeger* 178: 2016.

Lokdam N, Kristiansen M, Handlos LN, Norredam M. Use of healthcare services in the region of origin among patients with an immigrant background in Denmark: a qualitative study of the motives? *BMC Health Services Research*. 16(1):99, 2016.

Lu H, Shamanna RA, Keijzers G, Anand R, Rasmussen LJ, Cejka P, Croteau DL, Bohr VA. RECQL4 Promotes DNA End Resection in Repair of DNA Double-Strand Breaks. *Cell Rep*. pii: S2211-1247(16)30692-1, 2016.

Lucas SJE, Helge JW, Schütz UHW, Goldman RF, Cotter JD. Moving in Extreme Environments - Extreme loading: Carriage versus distance. *Extreme Physiology and Medicine*. 5:6, 2016.

Ludvigsen B. Når ældre mennesker bliver gamle. Betydningen af velfærdsstaten og medborgerskabet (When older people are getting old. The importance of the welfare state and citizenship). *Tidsskrift for Antropologi*. 73, 2016.

Lund MT, Hansen M, Wimmelmann CL, Taudorf LR, Helge JW, Mortensen EL, Dela F. Increased postoperative cardiopulmonary fitness in gastric bypass patients is explained by weight loss. *Scandinavian Journal of Medicine & Science in Sports*. 26(12):1428-1434, 2016.

Lund MT, Kristensen M, Hansen M, Tveskov L, Floyd AK, Stockel M, Vainer B, Poulsen SS, Helge JW, Prats C, Dela F. Hepatic mitochondrial oxidative phosphorylation is normal in obese patients with and without type 2 diabetes. *Journal of Physiology*. 594:4351-4358, 2016.

Mackey AL, Rasmussen LK, Kadi F, Schjerling Pf Helmark IC, Ponsot E, Aagaard P, Durigan JLQ, Kjaer M. Activation of satellite cells and the regeneration of human skeletal muscle are expedited by ingestion of non-steroidal anti-inflammatory medication. *FASEB J*. 30:2266-2281.

Magnusson SP, Heinemeier KM, Kjaer M. Collagen homeostasis and metabolism. *Adv Exp Med Biol*. 920:11-25, 2016.

Marosi K, Kim SW, Moehl K, Scheibye-Knudsen M, Cheng A, Cutler R, Camandola S, Mattson MP. 3-Hydroxybutyrate regulates energy metabolism and induces BDNF expression in cerebral cortical neurons; *J Neurochem*. 139(5):769-781, 2016.

Masters Pedersen J, Budtz Jorgensen E, Mortensen EL, Bruunsgaard HM, Sørensen TIA, Rod NH, Lund R. Late midlife C-reactive protein and interleukin-6 in middle aged Danish men in relation to body size history within and across generations. *Obesity*. 24(2):461-8, 2016.

Meincke RH, Hansen ÅM, Mortensen LH, Osler M, Mortensen EL. Intelligence in early adulthood and midlife physical performance in men: The mediating roles of education and physical activity. *Intelligence*. 58:62–68, 2016.

Mikkelsen HH. Unthinkable Solitude: Successful aging in Denmark through the Lacanian Real. *Ethos*. 44(4):448-463, 2016.

Mitchell SJ, Madrigal-Matute J, Scheibye-Knudsen M, Fang E, Aon M, González-Reyes JA, Cortassa S, Kaushik S, Gonzalez-Freire M, Patel B, Wahl D, Ali A, Calvo-Rubio M, Burón MI, Guterrez V, Ward TM, Palacios HH, Cai H, Frederick DW, Hine C, Broeskamp F, Habering L, Dawson J, Beasley TM, Wan J, Ikeno Y, Hubbard G, Becker KG, Zhang Y, Bohr VA, Longo DL, Navas P, Ferrucci L, Sinclair DA, Cohen P, Egan JM, Mitchell JR, Baur JA, Allison DB, Anson RM, Villalba JM, Madeo F, Cuervo AM, Pearson KJ, Ingram DK, Bernier M, de Cabo R. Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. *Cell Metab*. 23(6): 1093-112, 2016.

Mora-Rodríguez R, Sanchez-Roncero A, Fernández-Elías VE, Guadalupe-Grau A, Ortega JF, Dela F, Helge JW. Aerobic Exercise Training Increases Muscle Water Content in Obese Middle-Age Men. *Medicine and Science in Sports and Exercise*. 48:822-828, 2016.

Mysyuk Y, Westendorp RG, Lindenberg J. How older persons explain why they became victims of abuse. *Age Ageing*. 45(5):696-702, 2016.

Mysyuk Y, Westendorp RG, Lindenberg J. Older persons' definitions and explanations of elder abuse in the Netherlands. *Journal of Elder Abuse & Neglect*. 28: 95-113, 2016.

Mysyuk Y, Westendorp RGJ, Lindenberg J. Perspectives on the Etiology of Violence in Later Life. *Journal of Interpersonal Violence*. 31:3039-3062, 2016.

NCD Risk Factor Collaboration (NCD-RisC), including Mortensen EL. A century of trends in adult human height. *Elife*. J5:e13410, 2016.

NCD Risk Factor Collaboration (NCD-RisC), including Mortensen EL. Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19·2 million participants. *Lancet*. 387(10026):1377-1396, 2016.

Niederseer D, Steidle-Kloc E, Mayr M, Müller EE, Cadamuro J, Patsch W, Dela F, Müller, E, Niebauer, J. Effects of a 12-week alpine skiing intervention on endothelial progenitor cells, peripheral arterial tone and endothelial biomarkers in the elderly. *International Journal of Cardiology*. 214:343-347, 2016.

Nielsen CF, Hickson ID. PICH promotes mitotic chromosome segregation: identification of a novel role in ribosomal DNA disjunction. *Cell Cycle*. 15(20):2704-11, 2016.

Nieto-Soler M, Morgado-Palacin I, Lafarga V, Lecona E, Murga M, Callen E, Azorin D, Alonso J, Lopez-Contreras AJ, Nussenzweig A, Fernandez-Capetillo O. Efficacy of ATR inhibitors as single agents in Ewing sarcoma. *Oncotarget*. 7(37):58759-58767, 2016.

Norredam M, Sheikh A, Dynnes Svendsen K, Holm Petersen J, Garvey LH, Kristiansen M. Differences in Hospital Attendance for Anaphylaxis between Immigrants and Non-immigrants: a Cohort Study. *Clinical and Experimental Allergy*. 46(7):973-80, 2016.

Nørtoft K. Motion: fra politik til hverdagspraksis. In Glasdam S, Jørgensen JW (eds.): *Det Nære Sundhedsvæsen*. Munksgaard. 2016.

Nørtoft K. When Anna moved to a nursing home: Empathic movements between self and others in the decision making and process of moving. In Endter C, Kienitz S (eds.): *Alter(n) als soziale und kulturelle Praxis. Ordnungen – Beziehungen – Materialitäten*. Bielefeld: Transcript Verlag. 2016.

Nygaard RH, Maynard S, Schjerling P, Kjaer M, Qvortrup K, Bohr VA, Rasmussen LJ, Jemec GB, Heidenheim M. Acquired cutis laxa localized to the upper body in an adult female. *Case Rep Dermatol*. 8:42–51, 2016.

- Ogliari G, Smit RA, Westendorp RG, Jukema JW, de Craen AJ, Sabayan B. Visit-to-visit blood pressure variability and future functional decline in old age. *Journal of Hypertension*. 34:1544-50, 2016.
- Osler M, Bendix L, Rask L, Rod NH. Stressful life events and leucocyte telomere length: Do lifestyle factors, somatic and mental health, or low grade inflammation mediate this relationship? Results from a cohort of Danish men born in 1953. *Brain Behavior and Immunity*. 58:248-253, 2016.
- Pedersen JM, Budtz-Jørgensen E, Mortensen EL, Bruunsgaard H, Osler M, Sørensen TI, Rod NH, Lund R. Late midlife C-reactive protein and interleukin-6 in middle aged Danish men in relation to body size history within and across generations. *Obesity*. 24:461-468, 2016.
- Pedersen JM, Lund R, Andersen I, Clark AJ, Prescott E, Rod NH. Psychosocial risk factors for the metabolic syndrome: A prospective cohort study. *International Journal of Cardiology*. 215:41-46, 2016.
- Peña-Díaz J, Rasmussen LJ. Approaches to diagnose DNA mismatch repair gene defects in cancer. *DNA Repair*. 38:147-54, 2016.
- Pitchai GP, Hickson ID, Streicher WW, Montoya G, Mesa P. Crystallization of the NTPR and BD1 interacting domains of the human PICH-BEND3 complex. *Acta Crystallographica*. 72:646-651, 2016.
- Ponce-González JG, Ara I, Larsen S, Guerra B, Calbet JAL, Helge JW. Biogenesis regulating proteins in human skeletal muscle and obesity. Effect of regional muscle location but not adiposity on mitochondrial biogenesis regulating proteins. *European Journal of Applied Physiology*. 116:11-18, 2016.
- Ponsaing LB, Iversen HK, Jennum P. Sleep apnea diagnosis varies with the hypopnea criteria applied. *Sleep and Breathing*. 20(1):219-26, 2016.
- Postmus I, Warren HR, Trompet S, Arsenault BJ, Avery CL, Bis JC, Chasman DI, de Keyser CE, Deshmukh HA, Evans DS, Feng Q, Li X, Smit RA, Smith AV, Sun F, Taylor KD, Arnold AM, Barnes MR, Barratt BJ, Betteridge J, Boekholdt SM, Boerwinkle E, Buckley BM, Chen YI, de Craen AJ, Cummings SR, Denny JC, Dubé MP, Durrington PN, Eiriksdottir G, Ford I, Guo X, Harris TB, Heckbert SR, Hofman A, Hovingh GK, Kastelein JJ, Launer LJ, Liu CT, Liu Y, Lumley T, McKeigue PM, Munroe PB, Neil A, Nickerson DA, Nyberg F, O'Brien E, O'Donnell CJ, Post W, Poulter N, Vasan RS, Rice K, Rich SS, Rivadeneira F, Sattar N, Sever P, Shaw-Hawkins S, Shields DC, Slagboom PE, Smith NL, Smith JD, Sotoodehnia N, Stanton A, Stott DJ, Stricker BH, Stürmer T, Uitterlinden AG, Wei WQ, Westendorp RG, Whitsel EA, Wiggins KL, Wilke RA, Ballantyne CM, Colhoun HM, Cupples LA, Franco OH, Gudnason V, Hitman G, Palmer CN, Psaty BM, Ridker PM, Stafford JM, Stein CM, Tardif JC, Caulfield MJ, Jukema JW, Rotter JI, Krauss RM. Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. *Journal of Medical Genetics*. 53(12):835-845, 2016.
- Puvill T, Lindenberg J, de Craen AJM, Slaets JP, Westendorp RG. Impact of physical and mental health on life satisfaction in old age: a population based observational study. *BMC Geriatrics*. 16:194, 1-9, 2016.
- Rakhshan P, Sørensen H, DeVylder J, Mittal V, Mortensen EL, Michelsen NM, Ekstrøm M, Pitts SC, Mednick SA, Schiffman J. Childhood pegboard task predicts adult-onset psychosis-spectrum disorder among a genetic high-risk sample. *Schizophrenia Research*. 178(1-3):68-73, 2016.
- Rask L, Bendix L, Harbo M, Fagerlund B, Mortensen EL, Lauritzen MJ, Osler M. Cognitive Change during the Life Course and Leukocyte Telomere Length in Late Middle-Aged Men. *Frontiers of Aging Neuroscience*. 8:300, 2016.
- Rasmussen MU, Rydahl-Hansen S, Amris K, Samsoe BD, Mortensen EL. The adaptation of a Danish version of the Pain Self-Efficacy Questionnaire: Reliability and construct validity and in a population of patients with fibromyalgia in Denmark. *Scandinavian Journal of Caring Sciences*. 30(1):202-10, 2016.

Ratzer R, Iversen P, Børnson L, Dyrby TB, Romme Christensen J, Ammitzbøll C, Madsen CG, Garde E, Lyksborg M, Andersen B, Hyldstrup L, Sørensen PS, Siebner HR, Sellebjerg F. Monthly oral methylprednisolone pulse treatment in progressive multiple sclerosis. *Multiple Sclerosis*. 22(7):926-934, 2016.

Reihmane D, Gram M, Vigelsø A, Helge JW, Dela F. Exercise promotes IL-6 release from legs in older men with minor response to unilateral immobilization. *European Journal of Sport Science*. 16(8):1039-46, 2016.

Revsbech R, Mortensen EL, Nordgaard J, Jansson LB, Saebye D, Flensburg-Madsen T, Cutting J, Parnas J. Exploring social cognition in schizophrenia. *European Archives of Psychiatry and Clinical Neuroscience*. 267(7):611-619, 2016.

Rinholm JE, Vervaeke K, Tadross MR, Tkachuk AN, Kopek BG, Brown TA, Bergersen LH, Clayton DA. Movement and structure of mitochondria in oligodendrocytes and their myelin sheaths. *Glia*. 64:810-25, 2016.

Saredi G, Huang H, Hammond CM, Alabert C, Bekker-Jensen S, Forne I, Reverón-Gómez N, Foster BM, Mlejnkova L, Bartke T, Cejka P, Mailand N, Imhof A, Patel DJ, Groth A. H4K20me0 marks post-replicative chromatin and recruits the TONSL–MMS22L DNA repair complex. *Nature*. 534(7609):714-8, 2016.

Schalkwijk FH, Koopman JJ, Ghariq E, de Beer JA, van Bodegom D, Westendorp RG. Disentangling rectangularization and life span extension with the moving rectangle method. *Annals of Epidemiology*. 26:218-221, 2016.

Scheele, C.E., Vrangbæk K. Co-location as a Driver for Cross-Sectoral Collaboration with General Practitioners as Coordinators: The Case of a Danish Municipal Health Centre. *International Journal of Integrated Care*. 16(4), 2016.

Scheibye-Knudsen M\*, Tseng AHH, Jensen MB, Scheibye-Alsing K, Fang EF, Iyama T, Bharti SK, Marosi K, Froetscher L, Kassahun H, Eckley DM, Maul R, Bastian P, De S, Ghosh S, Nilsen H, Goldberg I, Mattson MP, Wilson III D, Brosh RM, Gorospe M, Bohr VA\*; CSA and CSB Converge on Transcription-Linked Resolution of Non-B DNA; *Proceedings of the National Academy of Sciences*. 2016 Nov. [\*co-corresponding]

Scheibye-Knudsen M. Neurodegeneration in Accelerated Aging; *Dan Med J*. 63(11):B5308, 2016.

Schwennesen, N. Bodies in-motion: An ethnography of remote monitoring of physical rehabilitation for the promotion of home-training in the Danish welfare state. *Gerontechnology*. 15(0), 2016.

Schwennesen N. Et omsorgsfuldt (selv)bedrag? Om brug af robotter der imiterer mennesker i ældreplejen. *Gerontologi*. 32(1):28-33, 2016.

Schwennesen N, Henriksen JE, Willaing I. Patient explanations for non-attendance at type 2 diabetes self-management education: a qualitative study. *Scandinavian Journal of Caring Sciences*. 30(1):187-92, 2016.

Schwertman P, Bekker-Jensen S, Mailand N. Regulation of DNA double-strand break repair by ubiquitin and ubiquitin-like modifiers. *Nat Rev Mol Cell Biol*. 17(6):379-94, 2016.

Skytt DM, Toft-Kehler AK, Brændstrup CT, Cejvanovic S, Gurubaran IS, Bergersen LH, Kolko M. Glia-Neuron Interactions in the Retina Can Be Studied in Cocultures of Müller Cells and Retinal Ganglion Cells. *Biomed Res Int*. 1087647, 2016.

Søgaard D, Dela F, Helge JW. Muscle fibre type specific ceramide content does not support ceramide's role in insulin resistance. Comment. *Journal of Physiology*. Letter. May 2016.

Sonne C, Carlsson J, Bech P, Elkliit A, Mortensen EL. Treatment of trauma-affected refugees with venlafaxine versus sertraline combined with psychotherapy - a randomised study. *BMC Psychiatry*. 16(1):Article 383, 2016.

Sonne C, Carlsson J, Bech P, Vindbjerg E, Mortensen EL, Elkliit A. Psychosocial predictors of treatment outcome for trauma-affected refugees. *European Journal of Psychotraumatology*. 7:30907. eCollection 2016.

Sørensen CE, Tritsaris K, Reibel J, Lauritzen M, Mortensen EL, Osler M, Pedersen AM. Elevated p16ink4a Expression in Human Labial Salivary Glands as a Potential Correlate of Cognitive Aging in Late Midlife. *PLoS One*. 11(3):e0152612, 2016.

Sørensen HJ, Gamborg M, Sørensen TI, Baker JL, Mortensen EL. Childhood body mass index and risk of schizophrenia in relation to childhood age, sex and age of first contact with schizophrenia. *European Psychiatry*. 34:64-69, 2016.

Sørensen L, Igel C, Liv Hansen N, Osler M, Lauritzen M, Rostrup E, Nielsen M. Alzheimer's Disease Neuroimaging Initiative and the Australian Imaging Biomarkers and Lifestyle Flagship Study of Ageing. Early detection of Alzheimer's disease using MRI hippocampal texture. *Hum Brain Mapp*. 37(3):1148-61, 2016.

Sørensen PS, Sellebjerg F, Lycke J, Färkkilä M, Créange A, Lund CG, Schluep M, Frederiksen JL, Stenager E, Pfleger C, Garde E, Kinnunen E, Marhardt K. RECYCLINE Study Investigators. Minocycline added to subcutaneous interferon  $\beta$ -1a in multiple sclerosis: randomized RECYCLINE study. *European Journal of Neurology*. 23(5):861-870, 2016.

Sundstrup E, Hansen ÅM, Mortensen EL, Poulsen OM, Clausen T, Rugulies R, Møller A, Andersen LL. Influence of physical and psychosocial work environment throughout life and physical and cognitive capacity in midlife on labor market attachment among older workers: study protocol for a prospective cohort study. *BMC Public Health*. 16:629, 2016.

Sundstrup E, Jakobsen MD, Andersen LL, Rostgaard Andersen T, Bredsgaard R M, Helge JW, Suetta C, Friis Schmidt J, Bangsbo J, Krstrup P, Aagaard P. Positive effects of long-term football and strength training on neuromuscular performance and functional ability in elderly untrained men. *European Journal of Applied Physiology*. 116(6):1127-38, 2016.

Svensson RB, Heinemeier KM, Coupe C, Kjaer M, Magnusson SP. The effect of aging and exercise on the tendon. *J Appl Physiol*. 121(6):1237-1246, 2016.

Syed S, Desler C, Rasmussen LJ, Schmidt KH. A novel Rrm3 function in restricting DNA replication via an Orc5-binding site is genetically separable from Rrm3 function as an ATPase/helicase in facilitating fork progression. *PLOS Genet*. 12(12):e1006451, 2016.

Toft-Kehler AK, Gurubaran IS, Desler C, Rasmussen LJ, Skytt DM, Kolko M. Oxidative Stress-Induced Dysfunction of Müller Cells During Starvation. *Invest Ophthalmol Vis Sci*. 57:2721-2728. 2016.

Topp M, Vestbo J, Mortensen EL. Personality Traits and Mental Symptoms are Associated with Impact of Chronic Obstructive Pulmonary Disease on Patients' Daily life. *COPD*. 13(6):773-778, 2016.

Trompet S, Postmus I, Slagboom PE, Heijmans BT, Smit RA, Maier AB, Buckley BM, Sattar N, Stott DJ, Ford I, Westendorp RG, de Craen AJ, Jukema JW. Non-response to (statin) therapy: the importance of distinguishing non-responders from non-adherers in pharmacogenetic studies. *European Journal of Clinical Pharmacology*. 72:431-37, 2016.

van Deurzen I, Rod NH, Christensen U, Hansen ÅM, Lund R, Dich N. Neighborhood perceptions and allostatic load: Evidence from Denmark. *Health and Place*. 40:1-8, 2016.

van de Vijver PL, van Bodegom D, Westendorp RG. Early and extraordinary peaks in physical performance come with a longevity cost. *Aging (Albany NY)*. 8(8):1822-9, 2016.

Vigelso A, Gram M, Dybboe R, Kuhlman AB, Prats C, Greenhaff PL, Constantin-Teodosiu D, Birk JB, Wojtaszewski J, Dela F, Helge JW. The effect of age and unilateral leg immobilization for 2 weeks on substrate utilization during moderate intensity exercise in human skeletal muscle. *Journal of Physiology*. 594:2339-2358, 2016.

Vigelso A, Prats C, Ploug T, Dela F, Helge JW. Higher muscle content of perilipin 5 and endothelial lipase protein in trained than untrained middle-aged men. *Physiology Research*. 65:293-302, 2016.

Vindbjerg E, Carlsson JM, Mortensen EL, Makransky. The latent structure of post-traumatic stress disorder among Arabic-speaking refugees receiving psychiatric treatment in Denmark. *BMC Psychiatry*. 16(309):1-10, 2016.

Waaijer ME, Croco E, Westendorp RG, Slagboom PE, Sedivy JM, Lorenzini A, Maier AB. DNA damage markers in dermal fibroblasts in vitro reflect chronological donor age. *Aging (Albany NY)*. 8:147-157, 2016.

Waaijer MEC, Gunn DA, Adams PD, Pawlikowski JS, Griffiths CEM, van Heemst D, Slagboom PE, Westendorp RGJ, Maier AB. P16INK4a Positive Cells in Human Skin Are Indicative of Local Elastic Fiber Morphology, Facial Wrinkling, and Perceived Age. *Journals of Gerontology. Series A: Biological Sciences & Medical Sciences*. 71(8):1022-1028, 2016.

Waller KL, Mortensen EL, Avlund K, Fagerlund B, Lauritzen M, Gammeltoft S, Jennum P. Melatonin and cortisol profiles in late midlife and their association with age-related changes in cognition. *Journal of Nature and Science of Sleep*. 8:47-53, 2016.

Waller KL, Mortensen EL, Avlund K, Osler M, Fagerlund B, Lauritzen M, Jennum P. Subjective sleep quality and daytime sleepiness in late midlife and their association with age-related changes in cognition. *Sleep Medicine*. 17:265-173, 2016.

Weidenbein L, Kristiansen M, Adamsen L, Hjort D, Hendriksen C. Assessment of rehabilitation needs in colorectal cancer treatment: results from a mixed audit and qualitative study in Denmark. *Acta Oncologica*. 55(6):705-11, 2016.

Weilner S, Schraml E, Wieser M, Messner P, Schneider K, Wassermann K, Micutkova L, Fortschegger K, Maier AB, Westendorp R, Resch H, Wolbank S, Redl H, Jansen-Dürr P, Pietschmann P, Grillari-Voglauer R, Grillari J. Secreted microvesicular miR-31 inhibits osteogenic differentiation of mesenchymal stem cells. *Aging Cell*. 15:744-54, 2016.

Wijsman LW, de Craen AJ, Muller M, Sabayan B, Stott D, Ford I, Trompet S, Jukema JW, Westendorp RG, Mooijaart SP. Blood Pressure Lowering Medication, Visit-to-Visit Blood Pressure Variability, and Cognitive Function in Old Age. *American Journal of Hypertension*. 29:311-318, 2016.

Wijsman LW, de Craen AJ, Trompet S, Sabayan B, Muller M, Stott DJ, Ford I, Welsh P, Westendorp RG, Jukema JW, Sattar N, Mooijaart SP. High-sensitivity cardiac troponin T is associated with cognitive decline in older adults at high cardiovascular risk. *European Journal of Preventive Cardiology*. 23:1383-1392, 2016.

Wimmelmann CL, Lund MT, Hansen M, Dela F, Mortensen EL. The effect of preoperative type 2 diabetes and physical fitness on mental health and health-related quality of life after Roux en-Y gastric bypass. *Journal of Obesity*. 2016:3474816, 2016.

Wimmelmann CL, Lund R, Christensen U, Osler M, Mortensen EL. Associations between obesity and mental distress in late midlife: results from a large Danish community sample. *BMC Obesity*. 3:54, 2016.

## 2017

- Agergaard J, Bülow J, Jensen JK, Reitelseder S, Bornø A, Drummond MJ, Schjerling P, Holm L. Effect of light-load resistance exercise on postprandial amino acid transporter expression in elderly men. *Physiological Reports*. 5(18):e13444, 2017.
- Agergaard J, Bülow J, Jensen JK, Reitelseder S, Drummond MJ, Schjerling P, Scheike T, Serena A, Holm L. Light-load resistance exercise increases muscle protein synthesis and hypertrophy signaling in elderly men. *American Journal of Physiology*. 312(4):e326-e338, 2017.
- Akintola AA, van Opstal AM, Westendorp RG, Postmus I, van der Grond J, van Heemst D. Effect of intranasally administered insulin on cerebral blood flow and perfusion: a randomized experiment in young and older adults. *Aging*. 9(3):790-802, 2017.
- Albers E, Sbroggiò M, Martin Gonzalez J, Avram AI, Munk S, Lopez-Contreras AJ. A simple DNA recombination screening method by RT-PCR as an alternative to Southern blot. *Transgenic Research*. 26:429-434, 2017.
- Andersen JL, Jørgensen JR, Zeeman P, Bech-Pedersen DT, Sørensen J, Ara I, Andersen LL. Effects of high-intensity physical training on muscle fiber characteristics in poststroke patients. *Muscle Nerve*. 56(5):954-962, 2017.
- Asmar M, Asmar A, Simonsen L, Gasbjerg LS, Sparre-Ulrich AH, Rosenkilde M, Hartmann B, Dela F, Holst JJ, Bulow J. The Gluco- and Liporegulatory and the Vasodilatory Effects of Glucose-Dependent Insulinotropic Polypeptide (GIP) are Abolished By an Antagonist of the Human GIP Receptor. *Diabetes*. 66(9):2363-2371, 2017.
- Asping M, Stride N, Søgaard D, Dohlmann TL, Helge JW, Dela F, Larsen S. The effects of 2 weeks of statin treatment on mitochondrial respiratory capacity in middle-aged males: the LIFESTAT study. *European Journal of Clinical Pharmacology*. 73:679-687, 2017.
- Aubert CE, Floriani C, Bauer DC, da Costa BR, Segna D, Blum MR, Collet T, Fink HA, Cappola AR, Syrogiannouli L, Peeters RP, Åsvold BO, den Elzen WPJ, Luben RN, Bremner AP, Gogakos A, Eastell R, Kearney PM, Hoff M, Le Blanc E, Ceresini G, Rivadeneira F, Uitterlinden AG, Khaw K, Langhammer A, Stott DJ, Westendorp RGJ, Ferrucci L, Williams GR, Gussekloo J, Walsh JP, Aujesky D, Rodondi N, Thyroid Studies Collaboration. Thyroid function tests in the reference range and fracture: Individual participant analysis of prospective cohorts. *The Journal of Clinical Endocrinology and Metabolism*. 102(8):2719–2728, 2017.
- Bandak M, Jørgensen N, Juul A, Lauritsen J, Kier MGG, Mortensen MS, Oturai PS, Mortensen J, Højmann P, Helge JW, Daugaard G. Reproductive hormones and metabolic syndrome in 24 testicular cancer survivors and their biological brothers. *Andrology*. 5(4):718-724, 2017.
- Bandak M, Jørgensen N, Juul A, Lauritsen J, Kreiberg M, Oturai PS, Helge JW, Daugaard G. A randomized double-blind study of testosterone replacement therapy or placebo in testicular cancer survivors with mild Leydig Cell Insufficiency (Einstein-intervention). *BMC Cancer*. 17(1):461, 2017.
- Bandak M, Jørgensen N, Juul A, Lauritsen J, Oturai PS, Mortensen J, Hojman P, Helge JW, Daugaard G. Leydig cell dysfunction, systemic inflammation and metabolic syndrome in long-term testicular cancer survivors. *European Journal of Cancer*. 84:9-17, 2017.
- Baumgartner C, da Costa BR, Collet T, Feller M, Floriani C, Bauer DC, Cappola AR, Heckbert SR, Ceresini G, Gussekloo J, den Elzen WPJ, Peeters RP, Luben R, Völzke H, Dörr M, Walsh JP, Bremner A, Iacoviello M, Macfarlane P, Heeringa J Stott DJ, Westendorp RGJ, Khaw K, Magnani JW, Aujesky D, Rodondi N, Thyroid Studies Collaboration. Thyroid Function Within the Normal Range, Subclinical Hypothyroidism and the Risk of Atrial Fibrillation. *Circulation*. 136(22):2100-2116, 2017.

Bayer ML, Magnusson SP, Kjaer M. Early versus Delayed Rehabilitation after Acute Muscle Injury. *N Engl J Med.* 377:1300-1301, 2017.

Bechshøft CL, Schjerling P, Bornø A, Holm L. Existence of life-time stable proteins in mature rats-Dating of proteins' age by repeated short-term exposure to labeled amino acids throughout age. *PLoS One.* 12(9):e0185605, 2017.

Bechshøft RL, Malmgaard-Clausen NM, Gliese B, Beyer N, Mackey AL, Andersen JL, Kjaer M, Holm L. Improved skeletal muscle mass and strength after heavy strength training in very old individuals. *Experimental Gerontology.* 92:96-105, 2017.

Bieler T, Siersma V, Magnusson SP, Kjaer M, Christensen HR, Beyer N. In hip osteoarthritis, Nordic Walking is superior to strength training and home-based exercise for improving function. *Scand J Med Sci Sports.* 27(8):873-886, 2017.

Bisgaard H, Dela F. Fysisk træning hjælper også normalvægtige kvinder med polycystisk ovariesyndrom. *Ugeskrift for Læger.* 179:V11160777, 2017.

Bizard AH, Nielsen CF, Hickson ID. Detection of Ultrafine Anaphase Bridges. *Methods in Molecular Biology (Clifton, N.J.).* 1672:495-508, 2018.

Bjerregaard VA, Özer Ö, Hickson ID, Liu Y. The Detection and Analysis of Chromosome Fragile Sites. *Methods in Molecular Biology (Clifton, N.J.).* 1672:471-482, 2018.

Brazhe NA, Nikelshparg EI, Prats C, Dela F, Sosnovtseva O. Raman probing of lipids, proteins, and mitochondria in skeletal myocytes: a case study on obesity. *Journal of Raman Spectroscopy.* 48(9):1158–1165, 2017.

Buch AS, Schjerling P, Kjaer M, Jorgensen LN, Krarup PM, Ågren MS. Impaired collagen synthesis in the rectum may be a molecular target in anastomotic leakage prophylaxis. *Wound Repair and Regeneration.* 25(3):532-535, 2017.

Bytoft B, Knorr S, Vlachova Z, Jensen RB, Mathiesen ER, Beck-Nielsen H, Gravholt CH, Jensen DM, Clausen TD, Mortensen EL, Damm P. Assessment of Attention Deficits in Adolescent Offspring Exposed to Maternal Type 1 Diabetes. *PLoS One.* 12(1):e0169308, 2017.

Chekanov K, Mamoshina P, Yampolskiy RV, Timofte R, Scheibye-Knudsen M, Zhavoronkov A. Evaluating race and sex diversity in the world's largest companies using deep neural networks. arXiv:1707.02353, 2017.

Christensen GT, Osler M, Madsen M, McGue M, Mortensen EL, Christensen K. The influence of familial factors on the intelligence-mortality association – A twin approach. *Intelligence.* 64:60-66, 2017.

Christensen LKT. Når institutionen træder ind over dørtærsklen. In Lotz K et al. (ed.): *Form til Velfærd.* Arkitektens Forlag, 2017.

Couppé C, Svensson RB, Heinemeier KM, Thomsen EW, Bayer ML, Christensen L, Kjaer M, Magnusson SP, Schjerling P. Quantification of cell density in rat Achilles tendon development and application of a new method. *Histochem Cell Biol.* 147(1):97-102, 2017.

Dandanell S, Elbe AM, Pfister G, Elsborg P, Helge JW. Relationship between volition, physical activity and weight loss maintenance – Study rationale, design, methods and baseline characteristics. *Scandinavian Journal of Public Health.* 45(3):299-304, 2017.

Dandanell S, Husted K, Amdisen S, Vigelso A, Dela F, Larsen S, Helge JW. Influence of maximal fat oxidation on long-term weight loss maintenance in humans. *Journal of Applied Physiology.* 123(1):267-274, 2017.

Dandanell S, Præst C, Søndergård SD, Skovborg C, Dela F, Larsen S, Helge JW. Determination of the exercise intensity that elicits maximal fat oxidation in individuals with obesity. *Applied Physiology, Nutrition, and Metabolism*. 42(4):405-412, 2017.

Dandanell S, Ritz C, Verdich E, Dela F, Helge JW. Repeated lifestyle intervention lead to progressive weight loss: A retrospective review chart study. *Scandinavian Journal of Public Health*. 54(3):305-313, 2017.

Dandanell S, Skovborg C, Præsta CB, Kristensen KB, Nielsen MG, Lionetta S, Jørgensen SD, Vigelso A, Dela F, Helge JW. Maintaining a clinical weight loss after intensive lifestyle intervention is the key to cardiovascular and metabolic health. *Obesity Research & Clinical Practice*. 11(4):489-498, 2017.

Dantoft TM, Ebstrup JF, Linneberg A, Skovbjerg S, Madsen AL, Mehlsen J, Brinth L, Eplov LF, Carstensen TW, Schroder A, Fink PK, Mortensen EL, Hansen T, Pedersen O, Jørgensen T. Cohort description: The Danish study of Functional Disorders. *Clinical Epidemiology*. 9:127-139, 2017.

Di Marco S, Hasanova Z, Kanagaraj R, Chappidi N, Altmannova V, Menon S, Sedlackova H, Langhoff J, Surendranath K, Hühn D, Bhowmick R, Marini V, Ferrari S, Hickson ID, Krejci L, Janscak P. RECQL Cooperates with MUS81 Endonuclease in Processing Stalled Replication Forks at Common Fragile Sites during Mitosis. *Molecular Cell*. 66:658-671, 2017.

Dideriksen K, Boesen AP, Reitelseder S, Coupe C, Svensson RB, Schjerling P, Magnusson SP, Holm L, Kjaer M. Tendon collagen synthesis declines with immobilization in elderly humans: No effect of anti-inflammatory medication. *Journal of Applied Physiology*. 122:273-282, 2017.

Dohlmann T, Helge JW, Dela F, Larsen S. The acute effects of therapeutic concentrations of simvastatin lactone on mitochondrial respiratory capacity in human skeletal muscle: the LIFESTAT study. *Clinical Pharmacology and Toxicology Research*. 1(1):4-7, 2017.

Eliasson P, Svensson RB, Giannopoulos A, Eismark C, Kjaer M, Schjerling P, Heinemeier KM. Simvastatin and atorvastatin reduce the mechanical properties of tendon constructs in vitro and introduce catabolic changes in the gene expression pattern. *PLoS One*. 12:e0172797, 2017.

Elsborg P, Wikman JM, Nilsen G, Tolver A, Elbe A-M. Development and Initial Validation of the Volition in Exercise Questionnaire (VEQ). *Measurement in Physical Education and Exercise Science*. 21:57-68, 2017.

Fakouri NB, Durhuus JA, Regnell CE, Angleys M, Desler C, Hasan-Olive MDM, Martín-Pardillos A, Tsabalbi-Shtylik A, Thomsen K, Lauritzen M, Bohr VA, de Wind N, Bergersen LH, Rasmussen LJ. Rev1 contributes to proper mitochondrial function via the PARP-NAD<sup>+</sup>-SIRT1-PGC1α axis. *Sci Rep*. 7(1):12480, 2017.

Fang EF, Waltz TB, Kassahun H, Lu Q, Kerr JS, Morevati M, Fivenson EM, Wollman BN, Marosi K, Wilson MA, Iser WB, Eckley DM, Zhang Y, Lehrmann E, Goldberg IG, Scheibye-Knudsen M, Mattson MP, Nilsen H, Bohr VA, Becker KG. Tomatidine enhances lifespan and healthspan in *C. elegans* through mitophagy induction via the SKN-1/Nrf2 pathway. *Scientific Reports*. 7:46208, 2017.

Fivenson EM, Lautrup S, Sun N, Scheibye-Knudsen M, Stevensner T, Nilsen H, Bohr VA, Fang EF. Mitophagy in neurodegeneration and aging. *Neurochem Int*. 109:202-209, 2017.

Flensburg-Madsen T, Mortensen EL. Birth Weight and Intelligence in Young Adulthood and Midlife. *Pediatrics*. 139(6):e20163161, 2017.

Flensburg-Madsen T, Mortensen EL. Predictors of motor developmental milestones during the first year of life. *European Journal of Pediatrics*. 176(1):109-119, 2017.

Frandsen J, Vest SD, Larsen S, Dela F, Helge JW. Maximal Fat Oxidation is Related to Performance in an Ironman Triathlon. *Internal Journal of Sports Medicine*. 38(13):975-982, 2017.

Gasbjerg LS, Christensen MB, Hartmann B, Lanng AR, Sparre-Ulrich AH, Gabe MBN, Dela F, Vilsboll T, Holst JJ, Rosenkilde MM, Knop FK. GIP(3-30)NH<sub>2</sub> is an efficacious GIP receptor antagonist in humans: a randomised, double-blinded, placebo-controlled, crossover study. *Diabetologia*. 61(2):413-423, 2017.

Greve AN, Mors O, Mortensen EL, Meier SM, McGrath JJ, Petersen L. Is the association between offspring intelligence and parents' educational attainment influenced by schizophrenia or mood disorder in parents? *Schizophrenia Research: Cognition*. 9:18-22, 2017.

Halling JF, Ringholm S, Olesen J, Prats C, Pilegaard H. Exercise training protects against aging-induced mitochondrial fragmentation in mouse skeletal muscle in a PGC-1 $\alpha$  dependent manner. *Experimental Gerontology*. 96:1-6, 2017.

Harder-Lauridsen NM, Rosenberg A, Benatti FB, Damm JA, Thomsen C, Mortensen EL, Pedersen BK, Krogh-Madsen R. Ramadan model of intermittent fasting for 28 d had no major effect on body composition, glucose metabolism, or cognitive functions in healthy lean men. *Nutrition*. 37:92-103, 2017.

Harrsen Bachkati S, Mortensen EL, Brønnum-Hansen H, Holm-Pedersen P. Midlife Cognitive Ability, Education and Tooth Loss among Old Danes. *Journal of the American Geriatrics Society, Dental and Oral Health*. 65(1):194-199, 2017.

Heinemeier KM, Øhlenschläger TF, Mikkelsen UR, Sønder F, Schjerling P, Svensson RB, Kjaer M. Effects of anti-inflammatory (NSAID) treatment on human tendinopathic tissue. *J Appl Physiol*. 123(5):1397-1405, 2017.

Heisterberg MF, Andersen JL, Schjerling P, Bülow J, Lauersen JB, Roeber HL, Kjaer M, Mackey AL. Effect of losartan on the acute response of human elderly skeletal muscle to exercise. *Medicine & Science in Sports & Exercise*. 50(2):225-235, 2018.

Helge JW. A high carbohydrate diet remains the evidence based choice for elite athletes to optimise performance. *Journal of Physiology*. 595:2775, 2017.

Henriksen OM, Hansen NL, Osler M, Mortensen EL, Hallam DM, Pedersen ET, Chappell M, Lauritzen MJ, Rostrup E. Sub-Clinical Cognitive Decline and Resting Cerebral Blood Flow in Middle Aged Men. *PLoS One*. 12(1):e0169912, 2017.

Hermansen K, Bengtsen M, Kjaer M, Vestergaard P, Jørgensen JOL. Impact of GH administration on athletic performance in healthy young adults: A systematic review and meta-analysis of placebo controlled trials. *Growth Horm IGF Res*. 34:38-44, 2017.

Højgaard DRMA, Hybel KA, Ivarsson T, Skarphedinsson G, Becker Nissen J, Weidle B, Melin K, Torp NC, Valderhaug R, Dahl K, Mortensen EL, Compton S, Jensen S, Lenhard F, Thomsen PH. One-Year Outcome for Responders of Cognitive-Behavioral Therapy for Pediatric Obsessive-Compulsive Disorder. *Journal of the American Academy of Child and Adolescent Psychiatry*. 56(11):940-947, 2017.

Højgaard DR, Mortensen EL, Ivarsson T, Hybel K, Skarphedinsson G, Nissen JB, Valderhaug R, Dahl K, Weidle B, Torp NC, Grados M, Lewin AB, Melin KH, Storch EA, Wolters LH, Murphy TK, Sonuga-Barke EJ, Thomsen PH. Structure and clinical correlates of obsessive-compulsive symptoms in a large sample of children and adolescents: a factor analytic study across five nations. *Eur Child Adolesc Psychiatry*. 26(3):281-291, 2017.

Holm L, Nordsborg NB. Supplementing a normal diet with protein yields a moderate improvement in the robust gains in muscle mass and strength induced by resistance training in older individuals. *Am J Clin Nutr*. 106(4):971-972, 2017.

Holm L, Rahbek SK, Farup J, Vendelbo MH, Vissing K. Contraction mode and whey protein intake affect the synthesis rate of intramuscular connective tissue. *Muscle Nerve*. 55(1):128-130, 2017.

- Hopkinson BM, Desler C, Kalisz M, Vestentoft PS, Rasmussen LJ, Bisgaard HC. Bioenergetic Changes during Differentiation of Human Embryonic Stem Cells along the Hepatic Lineage. *Oxid Med Cell Longev*. 2017:5080128, 2017.
- Horwitz A, Mortensen EL, Osler M, Fagerlund B, Lauritzen M, Benedek K. Passive double-Sensory Evoked coherence Correlates with Long-Term Memory Capacity. *Frontiers in Human Neuroscience*. 11:598, 2017.
- Horwitz A, Thomsen MD, Wiegand I, Horwitz H, Klemp M, Nikolic M, Rask L, Lauritzen M, Benedek K. Visual steady state in relation to age and cognitive function. *PLoS One*. 12(2):e0171859, 2017.
- Howarth C, Sutherland B, Choi HB, Martin C, Lind BL, Khennouf L, LeDue JM, Pakan JM, Ko RW, Ellis-Davies G, Lauritzen M, Sibson NR, Buchan AM, MacVicar BA. A Critical Role for Astrocytes in Hypercapnic Vasodilation in Brain. *Journal of Neuroscience*. 37(9): 2403-2414, 2017. Erratum in: *J Neurosci*. 37(18):4860, 2017.
- Huijg, JM, van Delden AEQ, van der Ouderaa FJG, Westendorp RGJ, Slaets JPJ, Lindenbergh J. Being Active, Engaged, and Healthy: Being Active, Engaged, and Healthy: Older Persons' Plans and Wishes to Age Successfully. *Journals of Gerontology. Series B: Psychological Sciences & Social Sciences*. 72(2):228-236, 2017.
- Hvid LG, Brocca L, Ørtenblad N, Suetta C, Aagaard P, Kjaer M, Bottinelli R, Pellegrino MA. Myosin content of single muscle fibers following short-term disuse and active recovery in young and old healthy men. *Exp Gerontol*. 87:100-107, 2017.
- Hybel KA, Mortensen EL, Hojgaard DRMA, Lambek R, Thomsen PH. Symptom profiles and executive function in childhood obsessive-compulsive disorder. *Journal of Obsessive-Compulsive and Related Disorders*. 14:36-46, 2017.
- Hybel KA, Mortensen EL, Lambek R, Højgaard DRMA, Thomsen PH. Executive function predicts cognitive-behavioral therapy response in childhood obsessive-compulsive disorder. *Behaviour Research and Therapy*. 99:11-18, 2017.
- Hybel KA, Mortensen EL, Lambek R, Thastum M, Thomsen PH. Cool and Hot Aspects of Executive Function in Childhood Obsessive-Compulsive Disorder. *Journal Abnormal Child Psychology*. 45(6):1195-1205, 2017.
- Ishtiaq-Ahmed K, Hansen ÅM, Garde AH, Mortensen EL, Gyntelberg F, Phung TKT, Lund R, Rod NH, Prescott E, Gunhild W, Westendorp RGJ, Nabe-Nielsen K. Social Relations at Work and Incident Dementia: 29-Years' Follow-Up of the Copenhagen Male Study. *Journal of Occupational and Environmental Medicine*. 60(1):12-18, 2017.
- Jakobsen JR, Mackey AL, Knudsen AB, Koch M, Kjaer M, Krosgaard MR. Composition and adaptation of human myotendinous junction and neighboring muscle fibers to heavy resistance training. *Scand J Med Sci Sports*. 27(12):1547-1559, 2017.
- Jensen HJ, Mortensen EL, Lotz M. Missing outcome Data in a Naturalistic Psychodynamic Group Therapy Study. *Psychology*. 8:436-448, 2017.
- Jensen HJ, Mortensen EL, Lotz M. Predictors of non-responding in short-term psychodynamic group therapy. *Nordic Psychology*. 67(4):264-280, 2017.
- Jensen KK, Munim K, Kjaer M, Jorgensen LN. Abdominal wall reconstruction for incisional hernia optimizes truncal function and quality of life – a prospective controlled study. *Ann Surg*. 265(6):1235-1240, 2017.
- Jensen T. The importance of age perceptions and nutritional science to early 20th century institutional diets. *Social History of Medicine*. 30(1):157-174, 2017.
- Jespersen AP, Jensen T. Introduction – Network. *Akademisk kvarter/Academic Quarter*. 15:1-10, 2017.

- Jespersen NR, Yokota T, Stotstrup NB, Bergdahl A, Paelestik KB, Povlsen JA, Dela F, Botker HE. Pre-ischemic mitochondrial substrate constraint by inhibition of malate-aspartate shuttle preserves mitochondrial function after ischemia-reperfusion. *Journal of Physiology*. 595:3765-3780, 2017.
- Jessen M, Pallesen AV, Kriegbaum M, Kristiansen M. The association between loneliness and health – a survey-based study among middle aged and older adults in Denmark. *Aging Ment Health*. 7:1-6, 2017.
- Jessen SB, Mathiesen C, Lind BL, Lauritzen M. Interneuron Deficit Associates Attenuated Network Synchronization to Mismatch of Energy Supply and Demand in Aging Mouse Brains. *Cerebral Cortex*. 27(1):646-659, 2017.
- Jørgensen AE, Kjaer M, Heinemeier KM. The effect of aging and mechanical loading on the metabolism and articular cartilage. *J Rheumatol*. 44(4):410-417, 2017.
- Jørgensen TSH, Lund R, Siersma V, Nilsson CJ. Interplay between financial assets and social relations on decline in physical function and mortality among older people. *European Journal of Ageing*. 15(2):133-142, 2017.
- Just-Østergaard E, Mortensen EL, Flensburg-Madsen T. Major life events and risk of alcohol use disorders: a prospective cohort study. *Addiction*. 113(1):25-33, 2018.
- Karlsen A, Loeb MR, Andersen KB, Joergensen KJ, Scheel FU, Turtumoeystad IF, Perez AL, Kjaer M, Beyer N. Improved functional performance in geriatric patients during hospital stay. *Am J Phys Med Rehabil*. 96(5):e78-e84, 2017.
- Keijzers G, Bakula D, Scheibye-Knudsen M. Monogenic Diseases of DNA Repair. *The New England Journal of Medicine*. 377(19):1868-1876, 2017.
- Kessler BM, Bursomanno S, McGouran JF, Hickson ID, Liu Y. Biochemical and Mass Spectrometry-Based Approaches to Profile SUMOylation in Human Cells. In Overkleft HS, Florea BI (eds.): *Activity-Based Proteomics: Methods and Protocols*. Humana Press. 1491:131-144, 2017.
- Kreiner FF, Borup R, Nielsen FC, Schjerling P, Galbo H. Gene expression profiling in patients with polymyalgia rheumatica before and after symptom-abolishing glucocorticoid treatment. *BMC Musculoskeletal Disorders*. 18:341, 2017.
- Kriegbaum M, Liiisberg KB, Wallach-Kildemoes H. Pattern of statin use changes following media coverage of its side effects. *Patient Preferences and Adherence*. 11:1151-1157, 2017.
- Kristensen MD, Lund MT, Hansen M, Poulsen SS, Ploug T, Dela F, Helge JW, Prats C. Macrophage Area Content and Phenotype in Hepatic and Adipose Tissue in Patients with Obesity Undergoing Roux-en-Y Gastric Bypass. *Obesity (Silver Spring)*. 25(11):1921-1931, 2017.
- Kristensen MM, Davidsen PK, Jensen LJ, Vigelsø A, Hansen CN, Jessen N, Bruun JM, Dela F, Helge JW. miRNAs in human subcutaneous adipose tissue: Effects of weight loss induced by hypo-caloric diet and exercise. *Obesity (Silver Spring)*. 25(3):572-580, 2017.
- Kristiansen M, Dhami S, Netuveli G, Halken S, Calderón MA, Penagos M, Muraro A, Roberts G, Du Toit G, Kleine-Tebbe J, Larenas-Linnemann D, Lau S, Matricardi PM, Pajno G, Papadopoulos NG, Pfaar O, Ryan D, Santos AF, Timmermanns F, Wahn U, Sheikh A. Allergen immunotherapy for the prevention of allergy: a systematic review and meta-analysis. *Pediatric Allergy and Immunology*. 28(1):18-29, 2017.
- Kristiansen M, Sheikh A. The Health Profile of Muslims in Scotland. In Hopkins P (ed.): *Muslims in Scotland*. Edinburgh University Press. 2017.

Kusumastuti S, Gerds TA, Lund R, Mortensen EL, Westendorp RGJ. Discrimination ability of comorbidity, frailty, and subjective health to predict mortality in community-dwelling older people: Population based prospective cohort study. *European Journal of Internal Medicine*. 42:29-38, 2017.

Kusumastuti S, van Fenema E, Stratum ECF, Polman-van AW, Lindenberg J, Westendorp RGJ. When Contact Is Not Enough: Affecting First Year Medical Students' Image towards Older Persons. *PLoS One*. 12(1):e0169977, 2017.

Kyhl K, Lønborg J, Hartmann B, Kissow H, Poulsen SS, Ali HE, Kjær A, Dela F, Engstrøm T, Treiman M. Lack of effect with prolonged liraglutide-treatment on cardiac remodeling in rats after acute myocardial infarction. *Peptides*. 93:1-12, 2017.

Langstrup H, Schwennesen N. Når velfærdsteknologier er stand-in for professionelle: Omsorgsinfrastruktur og autorisationsprocesser i digitalt understøttet genoptræning. In Lacour A, Højlund H, Waldorff SB (eds.): *Når velfærdsteknologier holder mere, end de lover. Kritiske perspektiver på ledelse af velfærd*. Nyt fra Samfundsvidenskaberne, 2017.

Larsen NB, Liberti SE, Vogel I, Jorgensen SW, Hickson ID, Mankouri HW. Stalled replication forks generate a distinct mutational signature in yeast. *Proceedings of the National Academy of Sciences*. 114:9665-9670, 2017.

Larsen S, Helge JW, Dela F. Is there plasticity in mitochondrial cristae density with endurance training? *Journal of Physiology*. 595:2985, 2017.

Lassen AJ, Jespersen AP. Getting old and keeping going: The motivation techniques of active ageing in Denmark. In: Lamb S (ed.): *Successful aging? Global perspectives on a contemporary obsession*. Rutgers University Press, 2017.

Lau SR, Kriegbaum M. Medication non-adherence in the context of situated uncertainty: Moving beyond simple, dichotomous approaches. *Res Soc Adm Pharm*. 14(8):742-748, 2017.

Lau SR, Traulsen JM. Are we ready to take up the challenge? Addressing the challenges of contemporary qualitative health research. *Research in Social and Administrative Pharmacy*. 13(2):332-338, 2017.

Lauritzen M, Strong AJ. 'Spreading depression of Leão' and its emerging relevance to acute brain injury in humans. *Journal of Cerebral Blood Flow & Metabolism*. 37(5):1553-1570, 2017.

Lind BL, Jessen SB, Lønstrup M, Joséphine C, Bonvento G, Lauritzen M. Fast Ca<sub>2+</sub> responses in astrocyte end-feet and neurovascular coupling in mice. *Glia*. 66(2):348-358, 2018.

Liu D, Frederiksen JH, Liberti SE, Lützen A, Keijzers G, Pena-Diaz J, Rasmussen LJ. Human DNA polymerase delta double-mutant D316A;E318A interferes with DNA mismatch repair in vitro. *Nucleic Acids Res*. 45(16):9427-9440, 2017.

Liu D, Keijzers G, Rasmussen LJ. DNA mismatch repair and its many roles in eukaryotic cells. *Mutat Res Rev*. 773:174-187, 2017.

Ludvigsen B. Market thinking and home nursing. Perspectives on new socialities in health care in Denmark. In Hadolt B, Hardon A (eds.): *New Socialities and Subjectivities in 21st Century Health Care*. Amsterdam: Amsterdam University Press, pp. 75-88. 2017.

Lundell H, Svolgaard O, Dogonowski AM, Romme Christensen J, Selleberg F, Soelberg Sørensen P, Blinkenberg M, Siebner HR, Garde E. Spinal cord atrophy in anterior-posterior direction reflects impairment in multiple sclerosis. *Acta Neurologica Scandinavica*. 136(4):330-337, 2017.

- Mackey AL, Kjaer M. Connective tissue regeneration in skeletal muscle after eccentric contraction-induced injury. *J Appl Physiol.* 122(3):533-540, 2017.
- Mackey AL, Kjaer M. The breaking and making of healthy adult human skeletal muscle in vivo. *Skelet Muscle.* 7:24-38, 2017.
- Mackey AL, Magnan M, Chazaud B, Kjaer M. Human skeletal fibroblasts stimulate in vitro myogenesis and in vivo muscle regeneration. *J Physiol.* 595(15):5115-5127, 2017.
- Martín-Pardillo A, Tsaalbi-Shtylik A, Chen S, Lazare S, van Os RP, Dethmers-Ausema A, Fakouri NB, Bosshard M, Aprigliano R, van Loon B, Salvatori DCF, Hashimoto K, Dingemanse-van der Spek C, Moriya M, Rasmussen LJ, de Haan G, Raaijmakers MHG, de Wind N. Genomic and functional integrity of the hematopoietic system requires tolerance of oxidative DNA lesions. *Blood.* 130(13):1523-1534, 2017.
- Michaelsen JJ, Kristiansen M. Maskulinitet og sygdom. Mænds håndtering af kræft og deres erfaringer i mødet med sundhedsvæsenet – et kvalitativt studie. *Nordisk Sygeplejeforskning.* 7:182-194, 2017.
- Mikkelsen ASB, Lund R, Kristiansen M. Social relations and healthcare utilization among middle-aged and older people: a study protocol for an implementation and register-based study in Denmark. *BMC Health Serv Res.* 17:728, 2017.
- Mikkelsen HH. A Hero of Solitude. *Allegra Lab: Anthropology, Law, Art, World.* <http://allegralaboratory.net/a-hero-of-solitude-meadcompetition/>, 2017.
- Mikkelsen HH. Er Ensomheden en Fiasko. *Gerontologi.* 33(2):22-25, 2017.
- Mikkelsen HH. Facehunting: Empathy, masculinity and violence among the Bugkalot. *Journal of Extreme Anthropology.* 1(3):1-13, 2017.
- Mikkelsen HH. Never Too Late for Pleasure: Aging, Neoliberalism and the Politics of Potentiality in Denmark. *American Ethnologist.* 44(4):646-656, 2017.
- Mikkelsen HH. Review of Andrea Cornwall et al: Masculinity under Neoliberalism. *Journal of Extreme Anthropology,* 2017.
- Mikkelsen HH. Review of Ragnhild Lund et al: Gendered Entanglements: Re-visiting Gender in Rapidly Changing. *Kvinder, Køn og Forskning.* 26(1):107-109, 2017.
- Mikkelsen UR, Agergaard J, Couppé C, Grosset JF, Karlsen A, Magnusson SP, Schjerling P, Kjaer M, Mackey AL. Skeletal muscle morphology and regulatory signalling in endurance-trained and sedentary individuals: the influence of ageing. *Exp Gerontol.* 93:54-67, 2017.
- Møllehave LT, Skaaby T, Simonsen KS, Thuesen BH, Mortensen EL, Sandholt CH, Pedersen O, Grarup N, Hansen T, Linneberg A. Association studies of genetic scores of serum vitamin B12 and folate levels with symptoms of depression and anxiety in two Danish population studies. *European Journal of Clinical Nutrition.* 71(9):1054-1060, 2017.
- Mortensen EL, Jensen HH, Flensburg-Madsen T. Big five personlighedstræk som risikofaktorer for psykiske og fysiske sygdomme. In Simonsen E, Mathiesen BB (eds.): *Personlighed og personlighedsforstyrrelser. En grundbog.* Hans Reitzels Forlag. 141-174, 2017.
- Morville T, Rosenkilde M, Munch-Andersen T, Riis AP, Kjaer K, Helbo S, Kristensen M, Vigelso A, Mattsson N, Kruuse RH, Guadalupe-Grau A, Fago A, Neigaard HC, Twelkmeyer B, Lovind AJ, Dela F, Helge JW. Repeated Prolonged Exercise Decreases Maximal Fat Oxidation in Older Men. *Medicine and Science in Sports Exercise.* 49:308-316, 2017.

- Munk S, Sigurðsson JO, Xiao Z, Batth TS, Franciosa G, von Stechow L, Lopez-Contreras AJ, Vertegaal ACO, Olsen JV. Proteomics Reveals Global Regulation of Protein SUMOylation by ATM and ATR Kinases during Replication Stress. *Cell Reports*. 21:546-558, 2017.
- Mygind A, Nørgaard LS, Traulsen JM, El-Souri M, Kristiansen M. Drawing on healthcare professionals' ethnicity: lessons learned from a Danish community pharmacy intervention for ethnic minorities. *Scand J Public Health*. 45:238-243, 2017.
- Nabe-Nielsen K, Garde AH, Ishtiaq-Ahmed K, Gyntelberg F, Mortensen EL, Phung TKT, Rod NH, Waldemar G, Westendorp RGJ, Hansen ÅM. Shift work, long working hours, and later risk of dementia: A long-term follow-up of the Copenhagen Male Study. *Scandinavian Journal Work Environment and Health*. 43(6):569-577, 2017.
- Natsume T, Nishimura K, Minoccherhomji S, Bhowmick R, Hickson ID, Kanemaki MT. Acute inactivation of the replicative helicase in human cells triggers MCM8-9-dependent DNA synthesis. *Genes & Development*. 31:816-829, 2017.
- NCD Risk Factor Collaboration (NCD-RisC) (including Mortensen EL). Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128·9 million children, adolescents, and adults. *Lancet*. 390(10113):2627-2642, 2017.
- Nielsen SV, Stein A, Dinitzen AB, Papaleo E, Tatham MH, Poulsen EG, Kassem MM, Rasmussen LJ, Lindorff-Larsen K, Hartmann-Petersen R. Predicting the impact of Lynch syndrome-causing missense mutations from structural calculations. *PLoS Genet*. 13(4):e1006739, 2017.
- Nilsson CJ. Ældre i Danmark. In Holm E, Jastrup S (eds.): *Sygepleje til ældre*. Munksgaard. 13-22, 2017.
- Nissen LR, Karstoft KI, Vedtofte MS, Nielsen ABS, Osler M, Mortensen EL, Christensen GT, Andersen SB. Cognitive ability and risk of post-traumatic stress disorder after military deployment: an observational cohort study. *British Journal of Psychiatry Open*. 3(6): 274-280, 2017.
- Nixon M, Westendorp RGJ. When subclinical hypothyroidism becomes clinically diagnosed. *European Journal of Internal Medicine*. 46:e34-e35, 2017.
- Norheim KL, Bautmans I, Kjaer M. Handgrip strength shows no improvements in geriatric patients with persistent inflammation during hospitalization. *Exp Gerontol*. 99:115-119, 2017.
- Norheim KL, Cullum CK, Andersen JL, Kjaer M, Karlsen A. Inflammation relates to resistance training-induced hypertrophy in elderly patients. *Med Sci Sports Exerc*. 49(6):1079-1085, 2017.
- Norup A, Kristensen KS, Poulsen I, Mortensen EL. Evaluating clinically significant changes in health-related quality of life: A sample of relatives of patients with severe traumatic brain injury. *Neuropsychological Rehabilitation*. 27(2):196-2015, 2017.
- Nygaard RH, Jensen JK, Voermans NC, Heinemeier KM, Schjerling P, Holm L, Agergaard J, Mackey AL, Andersen JL, Remvig L, Kjaer M. Skeletal muscle morphology, protein synthesis and gene expression in Ehlers-Danlos syndrome. *J Appl Physiol*. 123(2):482-488, 2017.
- Ogliari G, Smit RA, van der Spoel E, Mari D, Torresani E, Felicetta I, Lucchi TA, Rossi PD, van Heemst D, de Craen AJ, Westendorp RG. Thyroid Status and Mortality Risk in Older Adults With Normal Thyrotropin: Sex Differences in the Milan Geriatrics 75+ Cohort Study. *J Gerontol A Biol Sci Med Sci*. 72(4):554-559, 2017.
- Opstal AM van, Akintola AA, Elst M, Westendorp RG, Pijl H, Heemst D, Grond J. Effects of intranasal insulin application on the hypothalamic BOLD response to glucose ingestion. *Scientific Reports*. 7(1):13327, 2017.

Osler M, Christensen GT, Garde E, Mortensen EL, Christensen K. Cognitive ability in young adulthood and risk of dementia in a cohort of Danish men, brothers, and twins. *Alzheimer's Dementia*. 13(12):1355-1363, 2017.

Pedersen JLM, Jørgensen EB, De Roos A, Garcia L, Lund R, Rod NH, Kroenke C, Chan KHK, Liu S, Michael Y. Understanding the relation between socioeconomic position and inflammation in post-menopausal women: education, income and occupational prestige. *European Journal of Public Health*. 27(6):1074-1079, 2017.

Pedersen JLM, Mortensen EL, Christensen DS, Rozing M, Brunsgaard H, Meincke RH, Petersen GL, Lund R. Prenatal and early postnatal stress and later life inflammation. *Psychoneuroendocrinology*. 88:158-166, 2017.

Petersen GL, Mortensen EL, Rod NH, Lange T, Flensburg-Madsen T, Hansen ÅM, Lund R. Occupational Social Class and Personality Traits in Relation to Leisure-Time Physical Activity Level: Cross-Sectional Results From the Copenhagen Aging and Midlife Biobank. *Journal of Aging and Health*. 1:898264317714928, 2017.

Pitchai G P, Kaulich M, Bizard AH, Mesa P, Yao Q, Sarlos K, Streicher WW, Nigg EA, Montoya G, Hickson ID. A novel TPR-BEN domain interaction mediates PICH-BEND3 association. *Nucleic Acids Research*. 45(19):11413-11424, 2017.

Puvill T, Lindenberg J, Slaets JP, de Craen AJ, Westendorp RG. How is Change in Physical Health Status Reflected by Reports of Nurses and Older People Themselves? *Journal of Gerontology Series A Biological Science and Medical Science*. 72(4):579-585, 2017.

Rasmussen JJ, Schou M, Selmer C, Johansen ML, Gustafsson F, Frystyk J, Dela F, Faber J, Kistorp C. Insulin sensitivity in relation to fat distribution and plasma adipocytokines among abusers of anabolic androgenic steroids. *Clinical Endocrinology*. 87(3):249-256, 2017.

Rasmussen MU, Amris K, Rydahl-Hansen S, Danneskiold-Samsoe B, Mortensen EL, Christensen R, H Sjölund B. Are the changes in observed functioning after multi-disciplinary rehabilitation of patients with fibromyalgia associated with changes in pain self-efficacy? *Disability and Rehabilitation*. 39(17):1744-1752, 2017.

Reinisch JM, Mortensen EL, Sanders SA. Prenatal Exposure to Progesterone Affects Sexual Orientation in Humans. *Archives of Sexual Behavior*. 46(5):1239-1249, 2017.

Ren L, Chen L, Wu W, Garribba L, Tian H, Liu Z, Ivan V, Li C, Hickson ID, Liu Y. Potential biomarkers of DNA replication stress in cancer. *Oncotarget*. 8:36996-37008, 2017.

Rohde JF, Händel MN, Stougaard M, Olsen NJ, Trærup M, Mortensen EL, Heitmann BL. Relationship between pickiness and subsequent development in body mass index and diet intake in obesity prone normal weight preschool children. *PLoS One*. 12(3):e0172772, 2017.

Rohde JF, Larsen SC, Ängquist L, Olsen NJ, Stougaard M, Mortensen EL, Heitmann BL. Effects of the Healthy Start randomized intervention on dietary intake among obesity-prone normal-weight children. *Public Health and Nutrition*. 20(16):2988-2997, 2017.

Roizing MP, Kirkwood TBL, Westendorp RGJ. Is there evidence for a limit to human lifespan? *Nature*. 546(7660):e11-e12, 2017.

Rudavsky A, Cook J, Magnusson SP, Kjaer M, Docking S. Characterizing the proximal patellar tendon attachment and its relationship to skeletal maturity in adolescent jumping athletes. *Musc Lig Tend J*. 7(2):306-314, 2017.

Rudolph C, Melau C, Nielsen JE, Vile Jensen K, Liu D, Pena-Diaz J, Rajpert-De Meyts E, Rasmussen LJ, Jorgensen A. Involvement of the DNA mismatch repair system in cisplatin sensitivity of testicular germ cell tumours. *Cellular Oncology (Dordr.)*. 40(4):341-355, 2017.

Sahl RE, Andersen PR, Gronbaek K, Morville TH, Rosenkilde M, Rasmussen HK, Poulsen SS, Prats C, Dela F, Helge JW. Repeated Excessive Exercise Attenuates the Anti-Inflammatory Effects of Exercise in Older Men. *Frontiers in Physiology*. 8:407, 2017.

Schwennesen N. When self-tracking enters physical rehabilitation: From 'pushed' self-tracking to ongoing affective encounters in arrangements of care. *DIGITAL HEALTH*. 3, 2017.

Schreiber K, Magyari M, Sellebjerg F, Iversen P, Garde E, Madsen CG, Børnsen L, Romme Christensen J, Ratzer R, Siebner HR, Laursen B, Soelberg Sorensen P. High-dose erythropoietin in patients with progressive multiple sclerosis: A randomized, placebo-controlled, phase 2 trial. *Multiple Sclerosis*. 23(5):675-685, 2017.

Skovgaard D, Svensson RB, Scheijen J, Eliasson P, Mogensen P, Hag AM, Kjaer M, Schalkwijk CG, Schjerling P, Magnusson SP, Coupe C. An advanced glycation endproduct (ACE)-rich diet promotes accumulation of AGEs in Achilles tendon. *Physiol Rep*. 5(6):e13215-13225, 2017.

Sonne C, Carlsson J, Bech P, Mortensen EL. Pharmacological treatment of refugees with trauma-related disorders: What do we know today? *Transcultural Psychiatry*. 54(2):260-280, 2017.

Sørensen J, Jervelund SS, Norredam M, Kristiansen M, Krasnik A. Cultural competence in medical education: A questionnaire study of Danish medical teachers' perceptions of and preparedness to teach cultural competence. *Scand J Public Health*. 45:153-160, 2017.

Stangerup I, Kramp NL, Ziegler AK, Dela F, Magnussen K, Helge JW. Temporary impact of blood donation on physical performance and hematologic variables in women. *Transfusion*. 57(8):1905-1911, 2017.

Stott DJ, Gussekloo J, Kearney PM, Rodondi N, Westendorp RGJ, Mooijaart SP, Kean S, Quinn TJ, Sattar N, Hendry K, Du Puy R, Den Elzen WPJ, Poortvliet RKE, Smit JWA, Jukema JW, Dekkers OM, Blum M, Collet T, McCarthy V, Hurley C, Byrne S, Browne J, Watt T, Bauer D, Ford I. Study protocol, Thyroid hormone Replacement for Untreated older adults with Subclinical hypothyroidism: a randomised placebo controlled Trial (TRUST). *BMC Endocrine Disorders*. 17(6):1-17, 2017.

Stott DJ, Rodondi N, Kearney PM, Ford I, Westendorp RGJ, Mooijaart SP, Sattar N, Aubert CE, Aujesky D, Bauer DC, Baumgartner C, Blum MR, Browne JP, Byrne S, Collet TH, Dekkers OM, den Elzen WPJ, Du Puy RS, Ellis G, Feller M, Floriani C, Hendry K, Hurley C, Jukema JW, Kean S, Kelly M, Krebs D, Langhorne P, McCarthy G, McCarthy V, McConnachie A, McDade M, Messow M, O'Flynn A, O'Riordan D, Poortvliet RKE, Quinn TJ, Russell A, Sinnott C, Smit JWA, Van Dorland HA, Walsh KA, Walsh EK, Watt T, Wilson R, Gussekloo J, TRUST Study Group. Thyroid Hormone Therapy for Older Adults with Subclinical Hypothyroidism. *New England Journal of Medicine*. 376(26):2534-2544, 2017.

Strickertsson J, Desler C, Rasmussen LJ. Bacterial infection increases risk of carcinogenesis by targeting mitochondria. *Semin Cancer Biol*. 47:95-100, 2017.

Sundstrup E, Hansen ÅM, Mortensen EL, Poulsen OM, Clausen T, Rugulies R, Møller A, Andersen LL. Cumulative occupational mechanical exposures during working life and risk of sickness absence and disability pension: prospective cohort study. *Scandinavian Journal of Work Environment and Health*. 43(5):415-425, 2017.

Sutherland BA, Fordmann JC, Martin C, Neuhaus AA, Witgen BM, Piilgaard H, Lønstrup M, Couch Y, Sibson NR, Lauritzen M, Buchan AM. Multi-modal assessment of neurovascular coupling during cerebral ischaemia and reperfusion using remote middle cerebral artery occlusion. *Journal of Cerebral Blood Flow & Metabolism*. 37(7):2494-2508, 2017.

Svendsen MA, Jespersen AP. "Here comes my son"! - On the underlying invisible work and infrastructure of a telepresence robot in a Danish nursing home. *Akademisk kvarter/Academic Quarter*. 15:67-83, 2017.

Sykora P, Kanno S, Akbari M, Kulikowicz T, Baptiste BA, Leandro GS, Lu H, Tian J, May A, Becker KA, Croteau DL, Wilson DM 3rd, Sobol RW, Yasui A, Bohr VA. DNA polymerase beta participates in mitochondrial DNA repair. *Mol Cell Biol.* 37(16):e00237-17, 2017.

Sylow L, Møller LLV, Kleinert M, D'Hulst G, De Groote E, Schjerling P, Steinberg GR, Jensen TE, Richter EA. Rac1 and AMPK Account for the Majority of Muscle Glucose Uptake Stimulated by Ex Vivo Contraction but Not In Vivo Exercise. *Diabetes.* 66(6):1548-1559, 2017.

Szots M, Blaabjerg M, Orsi G, Iversen P, Kondziella D, Madsen CG, Garde E, Magnusson PO, Barsi P, Nagy F, Siebner HR, Illes Z. Global brain atrophy and metabolic dysfunction in LGI1 encephalitis: A prospective multimodal MRI study. *Journal of Neurological Science.* 376:159-165, 2017.

Thomsen K, Yokota T, Hasan-Olive MM, Sherazi N, Fakouri NB, Desler C, Regnell CE, Larsen S, Rasmussen LJ, Dela F, Bergersen LH, Lauritzen M. Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. *Neurobiology of Aging.* 61:215-224, 2018.

Tinggaard J, Hagen CP, Christensen AN, Mouritsen A, Mieritz MG, Wohlfahrt-Veje C, Helge JW, Beck ThN, Fallentin E, Larsen R, Jensen RB, Juul A, Main KM. Anthropometry, DXA, and leptin reflect subcutaneous but not visceral abdominal adipose tissue on MRI in 197 healthy adolescents. *Pediatrics Research.* 82(4):620-628, 2017.

van Exel E, Koopman JJE, Bodegom DM, Johannes J, Knijff P, Ziem JB, Finch CE, Westendorp RGJ. Effect of APOE ε4 allele on survival and fertility in an adverse environment. *PLoS One.* 12(7):e0179497, 2017.

van Vliet NA, van der Spoel E, Beekman M, Slagboom P, Eline B, Gerard J, Gussekloo J, Westendorp RGJ, van Heemst D. Thyroid status and mortality in nonagenarians from long-lived families and the general population. *Aging.* 9(10):2223-2234, 2017.

Vohra R, Guruban IS, Henriksen U, Bergersen LH, Rasmussen LJ, Desler C, Skytt DM, Kolko M. Disturbed mitochondrial function restricts glutamate uptake in the human Müller glia cell line, MIO-M1. *Mitochondrion.* 36:52-59, 2017.

Volden S, Wimmelmann CL, Flensburg-Madsen T. Does vital exhaustion increase the risk of type 2 diabetes? A prospective study. *Journal of Psychosomatic Research.* 99:82-88, 2017.

Volden S, Wimmelmann CL, Flensburg-Madsen T. Reply to the letter "Does vital exhaustion enhance our ability to predict type 2 diabetes?" written by Dr. Renzo Bianchi and Dr. Eric Laurent. *Journal of Psychosomatic Research.* 101:138-139, 2017.

Waaijer ME, Westendorp RG, Goldeck D, Gunn DA, Pawelec G, Stijntjes M, Slagboom PE, Maier AB. Assessment of health status by molecular measures in adults ranging from middle-aged to old: Ready for clinical use? *Experimental Gerontology.* 87(Pt B):175-181, 2017.

Westendorp RGJ, Wewer U. Corporate culture: research can benefit. *Nature.* 542(7641):295, 2017.

Westendorp RGJ. Bedside manners: How to deal with delirium. *Cleveland Clinic Journal of Medicine.* 84(9):699-700, 2017.

Wiegand I, Lauritzen MJ, Osler M, Mortensen EL, Rostrup E, Rask L, Richard N, Horwitz A, Benedek K, Vangkilde S, Petersen A. EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. *Neurobiology of Aging.* 62:210-220, 2017.

Wimmelmann CL, Mortensen EL, Flensburg-Madsen T, Christensen U, Osler M, Lund R. The prevalence of distress and depression in a large Danish late midlife community sample: sex differences and associations with socioeconomic positions. *Ageing Science and Mental Health Studies.* 1(1):1-7, 2017.

Whyte SR. Epilogue: "Successful Aging" and "Desired Interdependence". In Lamb S (ed.): *Successful Aging: Global Perspectives on a Contemporary Obsession*. Piscataway: Rutgers University Press. 2017.

## 2018

Agerholm M, Dall M, Jensen BAH, Prats C, Madsen S, Basse A, Graae AS, Risis S, Goldenbaum J, Quistorff B, Larsen S, Vienberg S, Treebak J. Perturbations of NAD salvage systems impact mitochondrial function and energy homeostasis in mouse myoblasts and intact skeletal muscle. *American Journal of Physiology – Endocrinology and Metabolism*. 314(4):E377-E395, 2018.

Albers E, Sbroggiò M, Pladevall-Morera D, Bizard AH, Avram A, Gonzalez P, Martin-Gonzalez J, Hickson ID, Lopez-Contreras AJ. Loss of PICH Results in Chromosomal Instability, p53 Activation, and Embryonic Lethality. *Cell Rep*. 24:3274-3284, 2018.

Ali T, Nilsson CJ, Weuve J, Rajan KB, Mendes de Leon CF. Effects of Social Network Diversity on Mortality, Cognition, and Physical Function in the Elderly: A longitudinal analysis of the Chicago Health and Aging Project (CHAP). *Journal of Epidemiology and Community Health*. 72:990-996, 2018.

Ammitzbøll C, Dyrby TB, Lyksborg M, Schreiber K, Ratzer R, Romme Christensen J, Iversen P, Magyari M, Garde E, Sørensen PS, Siebner HR, Sellebjerg F. Disability in progressive MS is associated with T2 lesion changes. *Multiple Sclerosis and Related Disorders*. 20:73-77, 2018.

Bakula D, Aliper AM, Mamoshina P, Petr MA, Teklu A, Baur JA, Campisi J, Ewald CY, Georgievskaya A, Gladyshev VN, Kovalchuk O, Lamming DW, Luijsterburg MS, Martín-Montalvo A, Maudsley S, Mkrtchyan GV, Moskalev A, Olshansky SJ, Ozerov IV, Pickett A, Ristow M, Zhavoronkov A, Scheibye-Knudsen M. Aging and drug discovery. *Aging (Albany NY)*. 10(11):3079-3088, 2018.

Bayer ML, Hoegberget-Kalisz M, Jensen MH, Olesen JL, Svensson RB, Couppé C, Boesen M, Nybing JD, Kurt EY, Magnusson SP, Kjaer M. Role of tissue perfusion, muscle strength recovery, and pain in rehabilitation after acute muscle strain injury: A randomized controlled trial comparing early and delayed rehabilitation. *Scandinavian Journal of Medicine and Science in Sports*. 28: 579-2591, 2018.

Beyer R, Andersen A, Magnusson SP, Svensson RB. Speckle tracking in healthy and surgically repaired human Achilles tendons at different knee angles – a validation using implanted tantalum beads. *Translational Sports Medicine*. 1:79-88, 2018.

Bjerregaard VA, Garribba L, McMurray CT, Hickson ID, Liu Y. Folate deficiency drives mitotic missegregation of the human FRAXA locus. *Proc. Natl. Acad. Sci. U. S. A.* 115:13003-13008, 2018.

Blum MR, Gencer B, Adam L, Feller M, Collet TH, da Costa BR, Moutzouri E, Dopheide J, Depairon M, Sykiotis GP, Kearney P, Gussekloo J, Westendorp R, Stott DJ, Bauer DC, Rodondi N. Impact of Thyroid Hormone Therapy on Atherosclerosis in the Elderly With Subclinical Hypothyroidism: A Randomized Trial. *Journal of Clinical Endocrinology and Metabolism*. 103(8):2988-2997, 2018.

Borisova ME, Voigt A, Tollenaere MAX, Sahu SK, Juretschke T, Kreim N, Mailand N, Choudhary C, Bekker-Jensen S, Akutsu M, Wagner SA, Beli P. p38-MK2 signaling axis regulates RNA metabolism after UV-light-induced DNA damage. *Nature Communications*. 9(1):1017, 2018.

Boustrup RJ, Farup J, Vissing K, Kjaer M, Mikkelsen UR. Skeletal muscle stem cell characteristics and myonuclei content in patients with rheumatoid arthritis: A cross-sectional study. *Rheumatology International*. 38:1031-1041, 2018.

Bruun B, Hillersdal L. Foruroligende øjeblikke og vag forbindelser. Etisk arbejde i tværvidenskabelig forskningspraksis. *Tidsskriftet for Antropologi*. 77, 2018.

- Bruun B, Hillersdal L. Foruroligende øjeblikke og vage forbindelser: Etisk arbejde i tværvidenskabelig forskningspraksis. *Antropologi*. 77:45-64, 2018.
- Buhmann CB, Nordentoft M, Ekstroem M, Carlsson J, Mortensen EL. Long-term treatment effect of trauma-affected refugees with flexible cognitive behavioural therapy and antidepressants. *Psychiatry Research*. 264:217-223, 2018.
- Bødker MN. Potentiality made workable – exploring logics of care in reablement for older people. *Ageing & Society* [Online publication]. 1-24, 2018.
- Carlsson J, Sonne C, Vindbjerg E, Mortensen EL. Stress management versus cognitive restructuring in trauma-affected refugees-A pragmatic randomised study. *Psychiatry Research*. 266:116-123, 2018.
- Christensen DS, Flensburg-Madsen T, Garde E, Hansen ÅM, Masters Pedersen J, Mortensen EL. Early life predictors of midlife allostatic load: A prospective cohort study. *PLoS One*. 13(8):e0202395, eCollection 2018.
- Christensen DS, Flensburg-Madsen T, Garde E, Hansen ÅM, Pedersen JM, Mortensen EL. Parental socioeconomic position and midlife allostatic load: a study of potential mediators. *BMC Public Health*. 18(1):1029, 2018.
- Christensen GT, Rozing MP, Mortensen EL, Christensen K, Osler M. Young adult cognitive ability and subsequent major depression in a cohort of 666,804 Danish men. *Journal of Affective Disorders*. 235:162-167, 2018.
- Conroy SP, Westendorp RGJ, Witham MD. Hypertension treatment for older people-navigating between Scylla and Charybdis. *Age and Ageing*. 47(4):505-508, 2018.
- Cortese F, Klokov D, Osipov A, Stefaniak J, Moskalev A, Schastnaya J, Cantor C, Aliper A, Mamoshina P, Ushakov I, Sapetsky A, Vanhaelen Q, Alchinova I, Karganova M, Kovalchuk O, Wilkins R, Shtemberg A, Moreels M, Baatout S, Izumchenko E, de Magalhães JP, Artemov AV, Costes SV, Beheshti A, Mao XW, Pecaut MJ, Kaminskiy D, Ozerov IV<sup>#</sup>, Scheibye-Knudsen M, Zhavoronkov A. Vive la radiorésistance!: converging research in radiobiology and biogerontology to enhance human radioresistance for deep space exploration and colonization. *Oncotarget*. 9(18):14692-14722, 2018 [co-corresponding].
- Dahlerup BR, Egsmose EL, Siersma V, Mortensen EL, Hedegaard M, Knudsen LE, Mathiesen L. Maternal stress and placental function, a study using questionnaires and biomarkers at birth. *PLoS One*. 15;13(11):e0207184. eCollection 2018.
- Dandanell S, Meinild-Lundby AK, Andersen AB, Lang PF, Oberholzer L, Keiser S, Robach P, Larsen S, Ronnestad BR, Lundby C. Determinants of maximal whole-body fat oxidation in elite cross-country skiers: Role of skeletal muscle mitochondria. *Scandinavian Journal of Medicine and Science in Sports*. 28:2494-2504, 2018.
- Dencker A, Kristiansen M, Rix BA, Bøge P, Tjørnhøj-Thomsen T. Contextualization of patient-centred care: A comparative qualitative study of healthcare professionals' perspectives on communicating with severely ill patients about their dependent children. *European Journal of Cancer Care*. 27(1), 2018.
- Desler C, Lillenes MS, Tønjum T, Rasmussen LJ. The role of mitochondrial oxidative phosphorylation in Alzheimer's disease. *Curr Med Chem*. 25(40):5578-5587, 2018.
- Dissing A, Gerdts TA, Lakon C, Rod NH, Lund R. Measuring social integration and tie strength with smartphone and survey Data. *PLoS ONE*. 3(8):e0200678. 2018.
- Dohlmann TL, Hindso M, Dela F, Helge JW, Larsen S. High-intensity interval training changes mitochondrial respiratory capacity differently in adipose tissue and skeletal muscle. *Physiological Reports*. 6:e13857, 2018.

Du Puy RS, Postmus I, Stott DJ, Blum MR, Poortvliet RKE, Den Elzen WPJ, Peeters RP, van Munster BC, Wolffenbuttel BHR, Westendorp RGJ, Kearney PM, Ford I, Kean S, Messow CM, Watt T, Jukema JW, Dekkers OM, Smit JWA, Rodondi N, Gussekloo J, Mooijaart SP. Study protocol: a randomised controlled trial on the clinical effects of levothyroxine treatment for subclinical hypothyroidism in people aged 80 years and over. *BMC Endocrinologic Disorders*. 18(1):67, 2018.

Elbe AM, Elsborg P, Dandanell S, Helge JW. Correlates and predictors of obesity-specific quality of life of former participants of a residential intensive lifestyle intervention. *Obesity Science & Practice*. 4(2):188-193, 2018.

Eliasson P, Andersen A, Couppé C, Svensson R, Hoeffner R, Warming S, Warming N, Holm C, Jensen M, Krogsgaard M, Kjaer M, Magnusson SP. The Achilles tendon elongates for 6 months after surgical repair regardless of loading paradigm the first 8 weeks. *The American Journal of Sports Medicine*. 46:2492-2505, 2018.

Eriksen CS, Henkel C, Svensson RB, Agergaard AS, Couppé C, Kjaer M, Magnusson SP. Lower tendon stiffness in very old compared with old individuals is unaffected by short-term resistance training of skeletal muscle. *Journal of Applied Physiology*. 125:205-214, 2018.

Feller M, Snel M, Moutzouri E, Bauer DC, de Montmollin M, Aujesky D, Ford I, Gussekloo J, Kearney PM, Mooijaart S, Quinn T, Stott D, Westendorp R, Rodondi N, Dekkers OM. Association of Thyroid Hormone Therapy With Quality of Life and Thyroid-Related Symptoms in Patients With Subclinical Hypothyroidism: A Systematic Review and Meta-analysis. *JAMA*. 320(13):1349-1359, 2018.

Flensborg-Madsen T, Mortensen EL. Associations of early developmental milestones with adult intelligence. *Child Development*. 89(2):638-648, 2018.

Flensborg-Madsen T, Mortensen EL. Developmental milestones during the first three years as precursors of adult intelligence. *Developmental Psychology*. 54(8):1434-1444, 2018.

Fournier NB, Reventlow A, Lassen AJ. Elderlearn: Når svækkede ældre mennesker bliver frivillige. Report, 2018.

Foverskov E, Glymour MM, Mortensen EL, Holm A, Lange T, Lund R. Education and Cognitive Aging: Accounting for Selection and Confounding in the Danish Registry-SHARE Data Linkage. *American Journal of Epidemiology*. 187(11):2423-2430, 2018.

Frederiksen KS, Larsen CT, Hasselbalch SG, Christensen AN, Høgh P, Wermuth L, Andersen BB, Siebner HR, Garde E. A 16-Week Aerobic Exercise Intervention Does Not Affect Hippocampal Volume and Cortical Thickness in Mild to Moderate Alzheimer's Disease. *Frontiers in Aging Neuroscience*. 10:293, 2018.

Gaist D, Hougaard A, Garde E, Reislev NL, Wiwie R, Iversen P, Madsen CG, Blaabjerg M, Nielsen HH, Krøigård T, Østergaard K, Kyvik KO, Hjelmborg J, Madsen K, Siebner HR, Ashina M. Migraine with visual aura associated with thicker visual cortex. *Brain*. 141(3):776-785, 2018.

Ghaziani E, Couppé E, Siersma V, Søndergaard M, Christensen H, Magnusson SP. Electrical somatosensory stimulation in early rehabilitation of arm paresis after stroke: A randomized controlled trial. *Neurorehabilitation and Neural Repair*. 32:899-912, 2018.

Giannopoulos A, Svensson RB, Heinemeier KM, Schjerling P, Kadler KE, Holmes DF, Kjaer M, Magnusson SP. Cellular homeostatic tension and force transmission measured in human engineered tendon. *Journal of Biomechanics*. 78:161-165, 2018.

Gjodesen CU, Jorgensen ME, Bjerregaard P, Dahl-Petersen IK, Larsen CVL, Noel M, Melbye M, Cohen AS, Lundqvist M, Hougaard DM, Helge JW, Nielsen NO. Associations between vitamin D status and atherosclerosis among Inuit in Greenland. *Atherosclerosis*. 268:145-151, 2018.

Graugaard C, Møhl B, Oxlund B. 'Lyst til livet - seksuelle muligheder i alderdommen'. In Glasdam S, Jacobsen FF (eds.): *Gerontologi. Perspektiver på ældre mennesker*. København: Gads Forlag, p. 225-240, 2018.

Guadalupe-Grau A, Fernández-Elías VE, Ortega JF, Dela F, Helge JW, Mora-Rodríguez R. Effects of 6 months aerobic interval training on skeletal muscle metabolism in middle-aged metabolic syndrome patients. *Scandinavian Journal of Medicine & Science in Sports*. 28(2):585-595, 2018.

Hagman M, Helge EW, Hornstrup T, Fistrup B, Nielsen JJ, Jørgensen NR, Andersen JL, Helge JW, Krstrup P. Bone mineral density in lifelong trained male football players compared with young and elderly untrained men. *Journal of Sports and Health Sciences*. 7(2):159-168, 2018.

Hansen AV, Mortensen LH, Westendorp R. Searching for longevity hotspots in Denmark. *Aging (Albany NY)*. 10(10):2684-2694, 2018.

Hasan-Olive MM, Lauritzen KH, Rasmussen LJ, Storm-Mathisen J, Bergersen LH. A ketogenic diet improves mitochondrial biogenesis and bioenergetics via the PGC1α-SIRT3-UCP2 axis. *Neurochem Res*. 19, 2018.

Hegelund ER, Flensburg-Madsen T, Dammeyer J, Mortensen EL. Low IQ as a predictor of unsuccessful educational and occupational achievement: A register-based study of 1,098,742 men in Denmark 1968-2016. *Intelligence*. 71:46-53, 2018.

Hegelund ER, Flensburg-Madsen T, Vassard D, Niclasen J, Mortensen EL. Parental socioeconomic position and risk of ADHD in offspring: a cohort study of 9648 individuals in Denmark 1976-2013. *European Child and Adolescent Psychiatry*. 56:1-8, 2018.

Heinemeier KM, Schjerling P, Øhlenschläger TF, Eismark C, Olsen J, Kjær M. Carbon-14 bomb pulse dating shows that tendinopathy is preceded by years of abnormally high collagen turnover. *FASEB Journal*. 32:4763-4775, 2018.

Heisterberg MF, Andersen JL, Schjerling P, Lund A, Dalskov S, Overgaard Jønsson A, Warming N, Fogelstrøm M, Kjaer M, Mackey AL. Losartan has no additive effect on the response to heavy resistance exercise in human elderly skeletal muscle. *Journal of Applied Physiology*. 125:1536-1554, 2018.

Hempler NF, Drejer S, Kristiansen M, Ashraf K. Hvad betyder det for kommunikationen i konsultationen, når der indgår en tolk? *iPraksis: Tidsskrift for praksispersonale*. Aug, 2018.

Hjelmar U, Bhatti Y, Rostgaard T, Petersen OH, Vrangbæk K. 'Public/private ownership and quality of care: Evidence from Danish nursing homes'. *Social Science and Medicine*. 216:41-49, 2018.

Hjordt LV, Dam VH, Ozenne B, Hageman I, Mc Mahon B, Mortensen EL, Knudsen GM, Stenbæk DS. Self-perceived personality characteristics in seasonal affective disorder and their implications for severity of depression. *Psychiatry Research*. 262:108-114, 2018.

Holmes DF, Yeung CYC, Garva R, Zindy E, Taylor SH, Lu YH, Watson S, Kalson NS, Kadler KE. Synchronised mechanical oscillations at the fibripositor cell-matrix interface in the formation of tensile tissue. *PNAS*. 115:E9288-E9297, 2018.

Hornstrup T, Wikman JM, Fistrup B, Póvoas S, Helge EW, Nielsen SH, Helge JW, Andersen JL, Nybo L, Krstrup P. Fitness and health benefits of team handball training for young untrained women – a cross-disciplinary RCT on physiological adaptations and motivational aspects. *Journal of Sports and Health Sciences*. 7(2):139-148, 2018.

Hvid LG, Aagaard P, Ørtenblad N, Kjaer M, Suetta C. Plasticity in central neural drive with short-term disuse and recovery – Effects on muscle strength and influence of aging. *Experimental Gerontology*. 106:145-153, 2018.

- Hærvig KK, Kierkegaard L, Lund R, Bruunsgaard H, Osler M, Schmidt L. Is male factor infertility associated with midlife low-grade inflammation? A population based study. *Human Fertility*. 21(2):146-54, 2018.
- Højgaard DRMA, Hybel KA, Mortensen EL, Ivarsson T, Nissen JB, Weidle B, Melin K, Torp NC, Dahl K, Valderhaug R, Skarphedinsson G, Storch EA, Thomsen PH. Obsessive-compulsive symptom dimensions: Association with comorbidity profiles and cognitive-behavioral therapy outcome in pediatric obsessive-compulsive disorder. *Psychiatry Research*. 270:317-323, 2018.
- Ipsen K, Couppé C, Neergaard C, Prescott EI, Magnusson SP, Dall CH. Reliability of continued systolic blood pressure measurement during heavy resistance exercise. *Translational Sports Medicine*. 1:89-94, 2018.
- Jakobsen E, Lange SC, Andersen JV, Desler C, Kihl H, Hohnholt MC, Stridh MH, Rasmussen LJ, Waagepetersen HS, Bak L. The inhibitors of soluble adenylate cyclase 2-OHE, KH7, and bithionol compromise mitochondrial ATP production by distinct mechanisms. *Biochem Pharmacol*. 155:92-101, 2018.
- Jakobsen JR, Jakobsen NR, Mackey AL, Koch M, Kjaer M, Krogsgaard MR. Remodeling of muscle fibers approaching the human myotendinous junction. *Scandinavian Journal of Medicine and Science in Sports*. 28:1859-1865, 2018.
- Jensen JK, Nygaard RH, Svensson RB, Hove HD, Magnusson SP, Kjær M, Couppé C. Biomechanical properties of the patellar tendon in children with heritable connective tissue disorders. *European Journal of Applied Physiology*. 118:1301-1307, 2018.
- Jespersen AP, Lassen AJ. The complex figure of Ageing: A reflection on how to think age, body and health from an ethnological perspective. *Jahrbuch für Europäische Ethnologie: Dänemark*, 2018.
- Just-Østergaard E, Mortensen EL, Tolstrup JS, Flensburg-Madsen T. Vital exhaustion and risk of alcohol use disorders: A prospective cohort study. *Journal of Psychosomatic Research*. 114:25-30, 2018.
- Jørgensen TSH, Fors S, Nilsson CJ, Enroth L, Aaltonen M, Sundberg L, Brønnum-Hansen H, Strand BH, Chang M, Jylhä M. Ageing populations in the Nordic countries: Mortality and longevity from 1990 to 2014. *Scandinavian Journal of Public Health*. 47:611-617, 2018.
- Keijzers G, Bakula D, Petr MA, Madsen NGK, Teklu AA, Mkrtchyan GV, Osborne B, Scheibye-Knudsen M. Human exonuclease 1 (EXO1) regulatory functions in DNA replication with putative roles in cancer. *International Journal of Molecular Sciences*. 20(1):74, 2018.
- Kim Y, White T, Wijndaele K, Westgate K, Sharp SJ, Helge JW, Wareham NJ, Brage S. The combination of cardiorespiratory fitness and muscle strength, and mortality risk. *European Journal of Epidemiology*. 33:953-964, 2018.
- Kjaer BH, Magnusson SP, Warming S, Henriksen M, Krogsgaard MR, Juul-Christensen, B. Progressive early passive and active exercise therapy after surgical rotator cuff repair - study protocol for a randomized controlled trial (the CUT-N-MOVE trial). *Trial*. 19:470, 2018.
- Kriegbaum M, Lau SR. Medication non-adherence and uncertainty: Information-seeking and processing in the Danish LIFESTAT survey. *Res Soc Adm Pharm*. 14(8):736-741, 2018.
- Kristensen DM, Desdoits-Lethimonier C, Mackey AL, Dalgaard MD, De Masi F, Munkbol CH, Styrihave B, Antignac JP, Le Bizec B, Platel C, Hay-Schmidt A, Jensen TK, Lesne L, Mazaud-Guittot S, Kristiansen K, Brunak S, Kjaer M, Juul A, Jegou B. Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. *PNAS*. 115:E715-E724, 2018.
- Kristensen MD, Petersen SM, Moller KE, Lund MT, Hansen M, Hansen CN, Courraud J, Helge JW, Dela F, Prats C. Obesity leads to impairments in the morphology and organization of human skeletal muscle lipid droplets

and mitochondrial networks, which are resolved with gastric bypass surgery-induced improvements in insulin sensitivity. *Acta Physiology (Oxf)*. 224:e13100. 2018.

Kristensen NH. At bruge billede og lyd: Sensorisk Antropologi. In Bundgaard H, Mogensen HO, Rubow C (eds.): *Antropologiske projekter. En grundbog*. Samfundsletteratur. København, 2018.

Kristensen NH. I færd med at dø. *Jordens Folk*. 3-4:45-57, 2018.

Kristiansen M. Health of Older Refugees and Migrants. Peer-reviewed Technical Guidance Report. World Health Organization, WHO Europe. 2018.

Kristiansen M. Patientens etnicitet. In Danbjørg DN, Tvistholm N (eds.): *Patient. Grundbog i sygepleje*. Chapter 7: 145-171, København: Munksgaard, 2nd edition, 2018.

Kristiansen M. The difference that kind and compassionate care makes. Opinion paper in *BMJ*, 2018 (Not peer reviewed).

Krustrup P, Williams CA, Mohr M, Hansen PR, Helge EW, Elbe AM, de SM, Dvorak J, Junge A, Hammami A, Holtermann A, Larsen MN, Kirkendall D, Schmidt JF, Andersen TR, Buono P, Rorth M, Parnell D, Ottesen L, Bennike S, Nielsen JJ, Mendham AE, Zar A, Uth J, Hornstrup T, Brasso K, Nybo L, Krstrup BR, Meyer T, Aagaard P, Andersen JL, Hubball H, Reddy PA, Ryom K, Lobelo F, Barene S, Helge JW, Fatouros IG, Nassis GP, Xu JC, Pettersen SA, Calbet JA, Seabra A, Rebello AN, Figueiredo P, Povoas S, Castagna C, Milanovic Z, Bangsbo J, Randers MB, Brito J. The "Football is Medicine" platform-scientific evidence, large-scale implementation of evidence-based concepts and future perspectives. *Scandinavian Journal of Medicine and Science in Sports*. 28(Suppl 1):3-7, 2018.

Kucharz K, Lauritzen M. CaMKII-dependent endoplasmic reticulum fission by whisker stimulation and during cortical spreading depolarization. *Brain*. 141(4):1049-1062. 2018.

Kusumastuti S, Rozing MP, Lund R, Mortensen EL, Westendorp RGJ. The added value of health indicators to mortality predictions in old age: A systematic review. *European Journal of Internal Medicine*. 57:7-18, 2018.

Kutuzov N, Flyvbjerg H, Lauritzen M. Contributions of the glycocalyx, endothelium, and extravascular compartment to the blood-brain barrier. *Proceedings of the National Academy of Science U S A*. 115(40):E9429-E9438, 2018.

Lallyett C, Yeung CYC, Nielson RH, Zeef LA, Chapman-Jones D, Kjær M, Kadler KE. Changes in S100 proteins identified in healthy skin following low level electrical stimulation: a possible relevance for wound healing. *Advances in Skin & Wound Care*. 31:322-327, 2018.

Larsen MS, Couppé C, Møller AB, Schjerling P, Andersen JL, Nygaard RH, Langberg H, Kjaer M, Hansen M. Response to resistance training following immobilization—Influence of delaying post-exercise meal. *Translational Sports Medicine*. 1:191-203, 2018.

Larsen S, Lundby AM, Dandanell S, Oberholzer L, Keiser S, Andersen AB, Haider T, Lundby C. Four days of bed rest increases intrinsic mitochondrial respiratory capacity in young healthy males. *Physiological Reports*. 6:e13793, 2018.

Larsen S, Vigelso A, Dandanell S, Prats C, Dela F, Helge JW. Simvastatin-Induced Insulin Resistance May Be Linked to Decreased Lipid Uptake and Lipid Synthesis in Human Skeletal Muscle: the LIFESTAT Study. *Journal of Diabetes Research*. Article 9257874, 2018.

Lau SR, Andersen JS, Dela F, Oxlund B. 'The Rise of Statins: How the Dispute between Protagonists and Antagonists of Cholesterol Management Played Out in Denmark'. *BioSocieties*. 1745-8560:1-23, 2018.

Lund MT, Larsen S, Hansen M, Courraud J, Floyd AK, Stockel M, Helge JW, Dela F. Mitochondrial respiratory capacity remains stable despite a comprehensive and sustained increase in insulin sensitivity in obese patients undergoing gastric bypass surgery. *Acta Physiology (Oxf)*. 223:e13032, 2018.

Lund R, Laban J, Petersen GL, Dissing A, Hansen ÅM, Rod NH. Loneliness and objectively measured physical capability in middle-aged adults. *European Journal of Public Health*. 28(1):16-23, 2018.

Lundby AK, Meinild, Jacobs RA, Gehrig S, de LJ, Hauser M, Bonne TC, Fluck D, Dandanell S, Kirk N, Kaech A, Ziegler U, Larsen S, Lundby C. Exercise training increases skeletal muscle mitochondrial volume density by enlargement of existing mitochondria and not de novo biogenesis. *Acta Physiology (Oxf)*. 222:e12905, 2018.

Madsen AB, Knudsen JR, Henriquez-Olguin C, Angin Y, Zaal KJ, Sylow L, Schjerling P, Ralston E, Jensen TE.  $\beta$ -Actin shows limited mobility and is required only for supraphysiological insulin-stimulated glucose transport in young adult soleus muscle. *American Journal of Physiology Endocrinology and Metabolism*. 315:E110-E125, 2018.

Madsen KS, Jernigan TL, Vestergaard M, Mortensen EL, Baaré WFC. Neuroticism is linked to microstructural left-right asymmetry of fronto-limbic fibre tracts in adolescents with opposite effects in boys and girls. *Neuropsychologia*. 114:1-10, 2018.

Mamoshina P, Kochetov K, Putin E, Cortese F, Aliper A, Lee WS, Ahn SM, Uhn L, Skjodt N, Kovalchuk O, Scheibye-Knudsen M, Zhavoronkov A. Population Specific Biomarkers of Human Aging: a Big Data Study using Korean, Canadian and Eastern European Patient Populations. *Journal of Gerontology: Biological Sciences*. 73(11):1482-1490, 2018.

Matthiesen SM. Enden på et arbejdsliv: hvad så nu? *Jordens Folk*. 3-4:63-71, 2018.

Matthiesen SM. LGBT-aldring – gerontologiens blinde vinkel. *Tidsskriftet Gerontologi*. 34:14-15, 2018.

Meinild Lundby AK, Jacobs RA, Gehrig S, de Leur J, Hauser M, Bonne TC, Fluck D, Dandanell S, Kirk N, Kaech A, Ziegler U, Larsen S, Lundby C. Exercise training increases skeletal muscle mitochondrial volume density by enlargement of existing mitochondria and not de novo biogenesis. *Acta Physiology (Oxf)*. 222(1), 2018.

Mertz KH, Bülow J, Holm L. Contrast-enhanced ultrasound using bolus injections of contrast agent for assessment of microvascular blood volume in human skeletal muscle. *Clinical Physiology and Functional Imaging*. 5:864-871, 2018.

Mortensen EL. Intelligens og alder. In Rasmussen RS (ed.): *Den aldrende hjerne*. HjerneForum. Horsens: 2018.

Mortensen J, Clark AJ, Lange T, Andersen GS, Goldberg M, Ramlau-Hansen CH, Head J, Kivimäki M, Madsen IEH, Leineweber C, Lund R, Rugulies R, Zins M, Westerlund H, Rod NH. Informal caregiving as a risk factor for type 2 diabetes in individuals with favourable and unfavourable psychosocial work environments: A longitudinal multi-cohort study. *Diabetes Metabolism*. 44(1):38-44, 2018.

Morville T, Rosenkilde M, Mattsson N, Dela F, Helge JW, Rasmussen HK. 2706 km cycling in 2 weeks: effects on cardiac function in 6 elderly male athletes. *Physian and Sportsmedicine*. 46:263-268, 2018.

Morville T, Sahl RE, Trammell SA, Svenningsen JS, Gillum MP, Helge JW, Clemmensen C. Divergent effects of resistance and endurance exercise on plasma bile acids, FGF19, and FGF21 in humans. *JCI Insight*. 3(15). pii: 122737, 2018.

Nielsen B, Cejanovic V, Wortwein G, Hansen AR, Marstal KK, Weimann A, Bjerring PN, Dela F, Poulsen HE, Jorgensen MB. Increased oxidation of RNA despite reduced mitochondrial respiration after chronic electroconvulsive stimulation of rat brain tissue. *Neuroscience Letters*. 690:1-5, 2018.

- Nielsen JC, Nordgaard C, Tollenaere MAX, Bekker-Jensen S. Osmotic Stress Blocks Mobility and Dynamic Regulation of Centriolar Satellites. *Cells*. 7(7), 2018.
- Nørtoft K. At vælge en bolig at blive ældre i. In Glasdam S, Jacobsen F (eds.): *Gerontologi. Åldre menneskers liv*. Gad. 2018.
- Nyholm N, Halvorsen I, Mygind A, Christensen U, Kristiansen M. Diversity in cancer care: exploring social categories in encounters between health-care professionals and breast cancer patients. *Scand J Caring Sci*. 32(3):1108-1117, 2018.
- Olsen NJ, Rohde JF, Händel MN, Stougaard M, Mortensen EL, Heitmann BL. Joining Parents' Bed at Night and Overweight among 2- to 6-Year-Old Children - Results from the 'Healthy Start' Randomized Intervention. *Obesity Facts*. 12;11(5):372-380, 2018.
- Osler M, Mortensen EL, Christensen K, Christensen GT. A bidirectional association between cognitive ability in young adulthood and epilepsy: a population-based cohort study. *International Journal of Epidemiology*. 47(4):1151-1158, 2018.
- Osler M, Sørensen L, Rozing M, Calvo OP, Nielsen M, Rostrup E. Subclinical depressive symptoms during late midlife and structural brain alterations: A longitudinal study of Danish men born in 1953. *Hum Brain Mapping*. 39(4):1789-1795, 2018.
- Oxlund B. Aldrig for sent: Seksualitet i den tredje alder. *Tidsskriftet Gerontologi*. 34(2): 4-7, 2018.
- Oxlund B. At tælle og fortælle: Om brugen af kvantitative data i antropologiske felter arbejder. In Bundgaard H, Mogensen HO, Rubow C (eds.): *Antropologiske projekter. En grundbog*. Samfunds litteratur. København, p. 275-292, 2018.
- Oxlund B. The Life Course in a Migrating World: Hybrid Scripts of Ageing and Imaginaries of Care. *Advances in Life Course Research*. 38:72-79, 2018.
- Palleesen AVJ, Byberg S, Alsarras N, Petersen S, Dragsted AC, Kristiansen M. Evaluering af projektet "Hjertevarm mad fra hele verden", Hjerteforeningen, 2018.
- Petersen GL, Pedersen JLM, Rod NH, Mortensen EL, Kawachi I, Osler M, Hansen AM, Lund R. Childhood socioeconomic position and physical capability in late-middle age in two birth cohorts from the Copenhagen Aging and Midlife Biobank. *PLoS ONE*. 13(10):e0205019, 2018.
- Petersen L, Andersen PK, Sørensen TIA, Mortensen EL. Delayed age at transfer of adoptees to adoptive parents is associated with increased mortality irrespective of social class of the adoptive parents: a cohort study. *BMC Public Health*. 18(1):435, 2018.
- Prats C, Graham TE, Shearer J. The dynamic life of the glycogen granule. *Journal of Biological Chemistry*. 293:7089-7098, 2018.
- Rizza S, Cardaci S, Montagna C, Di Giacomo , De Zio D, Bordi M, Maiani E, Campello S, Borreca A, Puca AA, Stamler JS, Cecconi F, Filomeni G. S-nitrosylation drives cell senescence and aging in mammals by controlling mitochondrial dynamics and mitophagy. *PNAS*. 115:E3388-E3397, 2018.
- Rod NH, Dissing A, Clark A, Gerds T, Lund R. Overnight smartphone use: a new public health challenge? A novel study design based on high-resolution smartphone data. *PLoS ONE*. 13(10):e0204811, 2018.
- Rohde JF, Benjamin B, Daniel B, Hansson LM, Peder F, Mortensen EL, Heitmann BL, Finn R. Cross-sectional associations between maternal self-efficacy and dietary intake and physical activity in four-year-old children of first-time Swedish mothers. *Appetite*. 125:131-138, 2018.

Rozing MP, Veerhuis R, Westendorp RGJ, Eikelenboom P, Stek M, Marijnissen RM, Oude Voshaar RC, Comijs HC, van Exel E. Inflammation in older subjects with early- and late-onset depression in the NESDO study: a cross-sectional and longitudinal case-only design. *Psychoneuroendocrinology*. 99:20-27, 2019.

Sahl RE, Morville T, Kraunsoe R, Dela F, Helge JW, Larsen S. Variation in mitochondrial respiratory capacity and myosin heavy chain composition in repeated muscle biopsies. *Analytical Biochemistry*. 556:119-124, 2018.

Sarlós K, Biebricher AS, Bizard AH, Bakx J, Ferrete-Bonastre AG, Modesti M, Paramasivam M, Yao Q, Peterman EJ, Wuite GJ, Hickson ID. Reconstitution of anaphase DNA bridge recognition and disjunction *in vitro*. *Nature Struct. Molec. Biol.* 25:868-876, 2018.

Scheele CE, Vrangbæk K, Kriegbaum M. 'Volunteer Association Perceptions of Municipal Policy Strategies to Promote Co-production of Healthy Ageing Services'. *Ageing & Society*, 2018.

Schwennesen N, Barghadouch A, Olesen K. Health Literacy and self-care among visually impaired people with type 1 diabetes in Denmark. *Chronic illness*: 1742395318789476, 2018.

Søgaard D, Lund MT, Scheuer CM, Dehlbæk MS, Dideriksen SG, Abildskov CV, Christensen KK, Dohlmann TL, Larsen S, Vigelsø AH, Dela F, Helge JW. High intensity training improves insulin sensitivity in older individuals. *Acta Physiologica*. 222(4):e13009, 2018.

Sørensen CE, Hansen NL, Mortensen EL, Lauritzen M, Osler M, Pedersen AML. Hyposalivation and Poor Dental Health Status Are Potential Correlates of Age-Related Cognitive Decline in Late Midlife in Danish Men. *Frontiers in Aging Neuroscience*. 10:10, eCollection 2018.

Sørensen Larsen M, Couppé C, Buch Møller A, Schjerling P, Løvind Andersen J, Harboe Nygaard R, Langberg H, Kjaer M, Hansen M. Response to resistance training following immobilisation – influence of delaying post-exercise meal. *Translational Sports Medicine*. 1:119-123, 2018.

Steinmejer A. Når mad ikke kun er noget man samles om. *Gerontologi*. 34 (1):8-13, 2018.

Sundstrup E, Hansen ÅM, Mortensen EL, Poulsen OM, Clausen T, Rugulies R, Møller A, Andersen LL. Retrospectively assessed psychosocial working conditions as predictors of prospectively assessed sickness absence and disability pension among older workers. *BMC Public Health*. 18(1):149, 2018.

Sundstrup E, Hansen ÅM, Mortensen EL, Poulsen OM, Clausen T, Rugulies R, Møller A, Andersen LL. Retrospectively assessed physical work environment during working life and risk of sickness absence and labour market exit among older workers. *Occupational and Environmental Medicine*. 75(2):114-123, 2018.

Svensson RB, Smith ST, Moyer PJ, Magnusson SP. Effects of maturation and advanced glycation on tensile mechanics of collagen fibrils from rat tail and Achilles tendons. *Acta Biomaterialia*. 70:270-280, 2018.

Thomsen K, Yokota T, Hasan-Olive MM, Sherazi N, Fakouri NB, Desler C, Regnell CE, Larsen S, Rasmussen LJ, Dela F, Bergersen LH, Lauritzen M. Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. *Neurobiology of Aging*. 61:215-224, 2018.

Uth J, Fristrup B, Haahr RD, Brasso K, Helge JW, Rorth M, Midtgård J, Helge EW, Krstrup P. Football training over 5 years is associated with preserved femoral bone mineral density in men with prostate cancer. *Scandinavian Journal of Medicine and Science in Sports*. 28(Suppl 1):61-73, 2018.

van der Kleij LA, Petersen ET, Siebner HR, Hendrikse J, Frederiksen KS, Sobol NA, Hasselbalch SG, Garde E. The effect of physical exercise on cerebral blood flow in Alzheimer's disease. *Neuroimage Clinical*. 20:650-654, 2018.

- van Vliet NA, Noordam R, van Klinken JB, Westendorp RG, Bassett JD, Williams GR, van Heemst D. Thyroid Stimulating Hormone and Bone Mineral Density: Evidence From a Two-Sample Mendelian Randomization Study and a Candidate Gene Association Study. *Journal of Bone Mineral Research*. 33(7):1318-1325, 2018.
- Vest SD, Frandsen J, Larsen S, Dela F, Helge JW. Peak Fat Oxidation is not Independently Related to Ironman Performance in Women. *International Journal of Sports Medicine*. 39:916-923, 2018.
- Vindbjerg E, Makransky G, Mortensen EL, Carlsson J. Cross-Cultural Psychometric Properties of the Hamilton Depression Rating Scale. *Canadian Journal of Psychiatry*. 1:706743718772516, 2018.
- Vrangbæk K, Scheele CE, Kriegbaum M. 'Voluntary associations and co-production of health promoting activities for older adults: Experiences and policy lessons from Denmark'. *Health Policy*. 122(11):1255-1259, 2018.
- Waser M, Lauritzen MJ, Fagerlund B, Osler M, Mortensen EL, Sørensen HBD, Jenum P. Sellep efficiency and neurophysiological patterns in middle-age men are associated with cognitive change over their adult life course. *Journal of Sleep Research*. 12:e12793, 2018.
- Wedell-Neergaard AS, Krogh-Madsen R, Petersen GL, Hansen ÅM, Pedersen BK, Lund R, Bruunsgaard H. Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. *PLoS One*. 13(3):e0194991, 2018.
- Wiegand I, Lauritzen MJ, Osler M, Mortensen EL, Rostrup E, Rask L, Richard N, Horwitz A, Benedek K, Vangkilde S, Petersen A. EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. *Neurobiol Aging*. 62:210-220, 2018.
- Wijsman LW, Muller M, de Craen AJM, Jukema JW, Westendorp RGJ, Mooijaart SP. Association of diastolic blood pressure with cardiovascular events in older people varies upon cardiovascular history. *Journal of Hypertension*. 36(4):773-778, 2018.
- Wimmelmann CL, Hegelund ER, Folker AP, Just-Østergaard E, Osler M, Mortensen EL, Flensburg-Madsen T. Prospective Associations of the Short Form Health Survey Vitality Scale and Changes in Body Mass Index and Obesity Status. *Journal of Obesity*. 3671953, eCollection 2018.
- Wimmelmann CL, Lund R, Flensburg-Madsen T, Christensen U, Osler M, Mortensen EL. Associations of personality with body mass index and obesity in a large late midlife community sample. *Obesity Facts*. 11(2):129-143, 2018.
- Wopereis DM, Du Puy RS, van Heemst D, Walsh JP, Bremner A, Bakker SJL, Bauer DC, Cappola AR, Ceresini G, Degryse J, Dullaart RPF, Feller M, Ferrucci L, Floriani C, Franco OH, Iacoviello M, Iervasi G, Imaizumi M, Jukema JW, Khaw KT, Luben RN, Molinaro S, Nauck M, Patel KV, Peeters RP, Psaty BM, Razvi S, Schindhelm RK, van Schoor NM, Stott DJ, Vaes B, Vanderpump MPJ, Völzke H, Westendorp RGJ, Rodondi N, Cobbaert CM, Gussekloo J, den Elzen WPJ. Thyroid Studies Collaboration. The Relation Between Thyroid Function and Anemia: A Pooled Analysis of Individual Participant Data. *Journal of Clinical Endocrinology Metabolism*. 103(10):3658-3667, 2018.
- Wüst M, Mortensen EL, Osler M, Sørensen TIA. Universal infant health interventions and young adult outcomes. *Health Economics*. 27(8):1319-1324, 2018.
- Waaijer MEC, Gunn DA, van Heemst D, Slagboom PE, Sedivy JM, Dirks RW, Tanke HJ, Westendorp RGJ, Maier AB. Do senescence markers correlate in vitro and in situ within individual human donors? *Aging (Albany NY)*. 10(2):278-289, 2018.
- Zhavoronkov A, Mamoshina P, Vanhaelen Q, Scheibye-Knudsen M, Moskalev A, Aliper A. Artificial Intelligence for Aging and Longevity Research: Recent Advances and Perspectives. *Ageing Res Rev*. 49:49-66, 2018.

Zinglersen AH, Halsteen MB, Kjaer M, Karlsen A. Can electrical stimulation enhance effects of a functional training program in hospitalized geriatric patients? *Experimental Gerontology*. 106:101–108, 2018.

Østergård AS, Mathiesen MH, Karlsen A, Turtumoeystgaard IF, Vahlgren J, Kjaer M, Beyer N. In acutely admitted geriatric patients offering increased physical activity during hospitalization decreases length of stay and can improve mobility. *Translational Sports Medicine*. 1:46–53, 2018.

Özer Ö, Bhowmick R, Liu Y, Hickson ID. Human cells utilize mitotic DNA synthesis to resist replication stress at telomeres regardless of their telomere maintenance mechanism. *Oncotarget*. 9:15836-15846, 2018.

## 2019

Achuthankutty D, Thakur RS, Haahr P, Hoffmann S, Drainas AP, Bizard AH, Weischenfeldt J, Hickson ID, Mailand N. Regulation of ETAA1-mediated ATR activation couples DNA replication fidelity and genome stability. *J Cell Biol*. 218:3943-3953, 2019.

Akbari M, Kirkwood TBL, Bohr VA. Mitochondria in the signaling pathways that control longevity and health span. *Ageing Res Rev*. 12:100940, 2019.

Al-Shammari AA, Kissane RWP, Holbek S, Mackey AL, Andersen TR, Gaffney EA, Kjaer M, Egginton S. Integrated method for quantitative morphometry and oxygen transport modeling in striated muscle. *J Appl Physiol*. 126:544-557, 2019.

Amaro-Gahete F, Sanchez-Delgado G, Alcantara JMA, Martinez-Tellez B, Acosta FM, Helge JW, Ruiz JR. Impact of data analysis methods for maximal fat oxidation estimation during exercise in sedentary adults. *Eur J Sport Sci*. 19(9):1230-1239, 2019.

Amaro-Gahete FJ, Jurado-Fasoli L, Triviño AR, Sanchez-Delgado G, de-la-O A, and Wulff Helge J, Ruiz J. Diurnal variation of maximal fat oxidation rate in trained male athletes. *Int J Sports Physiol Perform*. 14(8):1140-1146, 2019.

Amaro-Gahete FJ, Sanchez-Delgado G, Helge JW, Ruiz JR. Optimizing maximal fat oxidation assessment by a treadmill-based graded exercise protocol: When should the test end? *Front Physiol*. 10:909, 2019.

Amaro-Gahete FJ, Sanchez-Delgado G, Jurado-Fasoli L, De-la-O A, Castillo MJ, Helge JW, Ruiz JR. Assessment of maximal fat oxidation during exercise: A systematic review. *Scand J Med Sci Sports*. 29(7):910-921, 2019.

Andreassen SN, Ben Ezra M, Scheibye-Knudsen M. A defined human aging phenotype. *Aging (Albany NY)*. 11(15):5786-5806, 2019.

Asmar M, Asmar A, Simonsen L, Dela F, Holst JJ, Bulow J. GIP-induced vasodilation in human adipose tissue involves capillary recruitment. *Endocr Connect*. 8(6):806-813, 2019.

Bakula D, Ablasser A, Aguzzi A, Antebi A, Barzilai N, Bittner MI, Jensen MB, Calkhoven CF, Chen D, Grey ADNJ, Feige JN, Georgievskaya A, Gladyshev VN, Golato T, Gudkov AV, Hoppe T, Kaeberlein M, Katajisto P, Kennedy BK, Lal U, Martin-Villalba A, Moskalev AA, Ozerov I, Petr MA, Reason, Rubinsztein DC, Tyshkovskiy A, Vanhaelen Q, Zhavoronkov A, Scheibye-Knudsen M. Latest advances in aging research and drug discovery. *Aging (Albany NY)*. 11(22):9971-9981, 2019.

Bangsbo J, Blackwell J, Boraxbekk CJ, Caserotti P, Dela F, Evans AB, Jespersen AP, Gliemann L, Kramer AF, Lundbye-Jensen J, Mortensen EL, Lassen AJ, Gow AJ, Harridge SDR, Hellsten Y, Kjaer M, Kujala UM, Rhodes RE, Pike ECJ, Skinner T, Skovgaard T, Troelsen J, Tulle E, Tully MA, van Uffelen JGZ, Vina J. Copenhagen Consensus statement 2019: Physical activity and ageing. *Br J Sports Med*. 53:856-858, 2019.

Bayer ML, Bang L, Hoegberget-Kalisz M, Svensson RB, Olesen JL, Karlsson MM, Schjerling P, Hellsten Y, Hoier B, Magnusson SP, Kjaer M. Muscle-strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. *FASEB J.* 33:10369-10382, 2019.

Bechshøft CJL, Jensen SM, Schjerling P, Andersen JL, Svensson RB, Eriksen CS, Mkumbuzi NS, Kjaer M, Mackey AL. Age and prior exercise in vivo determine the subsequent in vitro molecular profile of myoblasts and nonmyogenic cells derived from human skeletal muscle. *Am J Physiol Cell Physiol.* 316:C898-C912, 2019.

Bechshøft CJL, Schjerling P, Kjaer M, Mackey AL. The influence of direct and indirect fibroblast cell contact on human myogenic cell behavior and gene expression in vitro. *J Appl Physiol.* 127:342-355, 2019.

Birkbak H, Lund R, Lehane C, Dammeyer J. Relational strain in close social relations among older adults with dual sensory loss. *British Journal of Visual Impairment.* 37(2):81-93, 2019.

Bizard AH, Allemand J-F, Hassenkam T, Paramasivam M, Sarlós K, Singh MI, Hickson ID. PICH and TOP3A cooperate to induce positive DNA supercoiling. *Nat Struct Mol Biol.* 26:267-274, 2019.

Bødker MN, Langstrup H, Christensen U. Home care as reablement or enabling arrangements? Exploring the precarious dependencies of living with functional decline. *Sociol Health Illn.* 41(7):1358–1372, 2019.

Boesen AP, Langberg H, Hansen R, Malliaras P, Boesen MI. High volume injection with and without corticosteroid in chronic midportion achilles tendinopathy. *Scand J Med Sci Sports.* 29:1223-1231, 2019.

Bojsen-Møller J, Magnusson SP. Mechanical properties, physiological behavior, and function of aponeurosis and tendon. *J Appl Physiol.* 126:1800-1807, 2019.

Bundgaard A, Qvortrup K, Rasmussen LJ, Fago A. Turtles maintain mitochondrial integrity but reduce mitochondrial respiratory capacity in the heart after cold-acclimation and anoxia. *J Exp Biol.* 222(Pt 11):jeb200410, 2019.

Cai C, Zambach SA, Fordsmann JC, Lønstrup M, Thomsen KJ, Jensen AGK, Lauritzen M. In vivo three-dimensional two-photon microscopy to study conducted vascular responses by local ATP ejection using a glass micro-pipette. *J Vis Exp.* 148, 2019.

Chrøis KM, Larsen S, Pedersen JS, Rygg MO, Boilsen AEB, Bendtsen F, Dela F. Acetaminophen toxicity induces mitochondrial complex I inhibition in human liver tissue. *Basic Clin Pharmacol Toxicol.* 00:1-6, 2019.

Dalgaard LB, Dalgas U, Andersen JL, Rossen NB, Møller AB, Stødkilde-Jørgensen H, Jørgensen JO, Kovanen V, Couppé C, Langberg H, Kjær M, Hansen M. Influence of oral contraceptive use on adaptations to resistance training. *Front Physiol.* 10:824, 2019.

Dall M, Trammell SAJ, Asping M, Hassing AS, Agerholm M, Vienberg SG, Gillum MP, Larsen S, Treebak JT. Mitochondrial function in liver cells is resistant to perturbations in NAD(+) salvage capacity. *J Biol Chem.* 294(36):13304-13326, 2019.

de Guia RM, Agerholm M, Nielsen TS, Consitt LA, Sogaard D, Helge JW, Larsen S, Brandauer J, Houmard JA, Treebak JT. Aerobic and resistance exercise training reverses age-dependent decline in NAD(+) salvage capacity in human skeletal muscle. *Physiol Rep.* 7:e14139, 2019.

Dela F, Finkenzeller T, Ingersen A, Potzelsberger B, Muller E. Trajectories of cardio-metabolic health in successful aging. *Scand J Med Sci Sports.* 29(Suppl 1):44-51, 2019.

Dela F, Ingersen A, Andersen NB, Nielsen MB, Petersen HHH, Hansen CN, Larsen S, Wojtaszewski J, Helge JW. Effects of one-legged high-intensity interval training on insulin-mediated skeletal muscle glucose homeostasis in patients with type 2 diabetes. *Acta Physiol (Oxf).* 226:e13245, 2019.

Dich N, Lund R, Hansen AM, Rod NH. Mental and physical health effects of meaningful work and rewarding family responsibilities. *PLoS One*. 14:e0214916, 2019.

Dissing AS, Jørgensen TB, Gerds TA, Rod NH, Lund R. High perceived stress and social interaction behaviour among young adults. A study based on objective measures of face-to-face and smartphone interactions. *PLoS One*. 14(7):e0218429, 2019.

Dohlmann TL, Morville T, Kuhlman AB, Chrøis KM, Helge JW, Dela F, Larsen S. Statin treatment decreases mitochondrial respiration but muscle coenzyme Q10 levels are unaltered: The LIFESTAT study. *J Clin Endocrinol Metab*. 104(7):2501-2508, 2019.

Drost M, Tiersma Y, Thompson BA, Frederiksen JH, Keijzers G, Glubb D, Kathe S, Osinga J, Westers H, Pappas L, Boucher KM, Molenkamp S, Zonneveld JB, van Asperen CJ, Goldgar DE, Wallace SS, Sijmons RH, Spurdle AB, Rasmussen LJ, Greenblatt MS, de Wind N, Tavtigian SV. A functional assay-based procedure to classify mismatch repair gene variants in Lynch syndrome. *Genet Med*. 21:1486-1496, 2019.

Eriksen CS, Svensson RB, Gylling AT, Couppé C, Magnusson SP, Kjaer M. Load magnitude affects patellar tendon mechanical properties but not collagen or collagen cross-linking after long-term strength training in older adults. *BMC Geriatr*. 19:30, 2019.

Eriksen N, Pakkenberg B, Rostrup E, Okonkwo DO, Mathern B, Shutter LA, Strong AJ, Woitzik J, Pahl C, Dreier JP, Martus P, Lauritzen MJ, Fabricius M, Hartings JA. Neurostereologic lesion volumes and spreading depolarizations in severe traumatic brain injury patients: A pilot study. *Neurocrit Care*. 30(3):557-568, 2019.

Eriksen N, Rostrup E, Fabricius M, Scheel M, Major S, Winkler MKL, Bohner G, Santos E, Sakowitz OW, Kola V, Reiffurth C, Hartings JA, Vajkoczy P, Woitzik J, Martus P, Lauritzen M, Pakkenberg B, Dreier JP. Early focal brain injury after subarachnoid hemorrhage correlates with spreading depolarizations. *Neurology*. 92(4):e326-e341, 2019.

Ertner SM. Enchanting, evoking and affecting: The invisible work of technology implementation in homecare. *Nord J Working Life Stud*. 9(S5), 2019.

Fakouri NB, Hansen TL, Desler C, Anugula S, Rasmussen LJ. From powerhouse to perpetrator-mitochondria in health and disease. *Biology (Basel)*. 8(2):35, 2019.

Fakouri NB, Hou Y, Demarest TG, Christiansen LS, Okur MN, Mohanty JG, Croteau DL, Bohr VA. Toward understanding genomic instability, mitochondrial dysfunction and aging. *FEBS J*. 286(6):1058-1073, 2019.

Fang EF, Froetscher L, Scheibye-Knudsen M, Bohr VA, Wong JH, Ng TB. Emerging antitumor activities of the bitter melon (*Momordica charantia*). *Curr Protein Pept Sci*. 20(3):296-301, 2019.

Fang EF, Hou Y, Lautrup S, Jensen MB, Yang B, SenGupta T, Caponio D, Khezri R, Demarest TG, Aman Y, Figueroa D, Morevati M, Lee HJ, Kato H, Kassahun H, Lee JH, Filippelli D, Okur MN, Mangerich A, Croteau DL, Maezawa Y, Lyssiotis CA, Tao J, Yokote K, Rusten TE, Mattson MP, Jasper H, Nilsen H, Bohr VA. NAD<sup>+</sup> augmentation restores mitophagy and limits accelerated aging in Werner syndrome. *Nat Commun*. 10(1):5284, 2019.

Fang EF, Hou Y, Palikaras K, Adriaanse BA, Kerr JS, Yang B, Lautrup S, Hasan-Olive MM, Caponio D, Dan X, Rocktaschel P, Croteau DL, Akbari M, Greig NH, Fladby T, Nilsen H, Cader MZ, Mattson MP, Tavernarakis N, Bohr VA. Mitophagy inhibits amyloid- $\beta$  and tau pathology and reverses cognitive deficits in models of Alzheimer's disease. *Nat Neurosci*. 22(3):401-412, 2019.

Felding SA, Schwennesen N. Når omsorgen udliciteres: En analyse af den konfliktfyldte omsorgstrojka mellem mennesker med demens, pårørende og plejepersonale på et plejehjem i Danmark [When care is outsourced: An analysis of the conflict-filled care troika between people with dementia, relatives and nursing staff at a nursing home in Denmark], *Tidsskrift for Forskning i Sygdom og Samfund*. 16(39):123-149, 2019.

Finkenzeller T, Potzelsberger B, Kosters A, Wurth S, Amesberger G, Dela F, Muller E. Aging in high functioning elderly persons: Study design and analyses of behavioral and psychological factors. *Scand J Med Sci Sports*. 29(Suppl 1):7-16, 2019.

Flensborg-Madsen T, Mortensen EL. Language development and intelligence in midlife. *British Journal of Developmental Psychology*. 37(2):269-283, 2019.

Folker AP, Hegelund ER, Mortensen EL, Wimmelmann CL, Flensborg-Madsen T. The association between life satisfaction, vitality, self-rated health, and risk of cancer. *Quality of Life Research*. 28(4):947-954, 2019.

Fordsmann JC, Murmu RP, Cai C, Brazhe A, Thomsen KJ, Zambach SA, Lønstrup M, Lind BL, Lauritzen M. Spontaneous astrocytic  $\text{Ca}^{2+}$  activity abounds in electrically suppressed ischemic penumbra of aged mice. *Glia*. 67(1):37-52, 2019.

Fournier NB, Reventlow A, Lassen AJ. Elderlearn - Når svækkede ældre mennesker bliver frivillige. [Elderlearn – When frail elderly becomes volunteers] [https://core.ku.dk/nyhedsliste/mindre-ensomhed-og-mere-integration/elderlearn\\_onlineversion\\_nyhed.pdf](https://core.ku.dk/nyhedsliste/mindre-ensomhed-og-mere-integration/elderlearn_onlineversion_nyhed.pdf), 2019.

Foverskov E, Mortensen EL, Holm A, Pedersen JLM, Osler M, Lund R. Socioeconomic position across the life course and cognitive ability later in life: The importance of considering early cognitive ability. *Journal of Aging and Health*. 31(6):947-966, 2019.

Frandsen J, Vest SD, Ritz C, Larsen S, Dela F, Helge JW. Plasma free fatty acid concentration is closely tied to whole body peak fat oxidation rate during repeated exercise. *J Appl Physiol* (1985). 126:1563-1571, 2019.

Ghiasi SM, Dahlby T, Hede Andersen C, Haataja L, Petersen S, Omar-Hmeadi M, Yang M, Pihl C, Bresson SE, Khilji MS, Klindt K, Cheta O, Perone MJ, Tyrberg B, Prats C, Barg S, Tengholm A, Arvan P, Mandrup-Poulsen T, Marzec MT. Endoplasmic reticulum chaperone glucose-regulated protein 94 is essential for proinsulin handling. *Diabetes*. 68(4):747-760, 2019.

Graae AS, Grarup N, Ribe-Madsen R, Lystbaek SH, Boesgaard T, Staiger H, Fritsche A, Wellner N, Sulek K, Kjolby M, Backe MB, Cubanava S, Prats C, Serup AK, Birk JB, Dubail J, Gillberg L, Vienberg SG, Nykjaer A, Kiens B, Wojtaszewski JFP, Larsen S, Apte SS, Haring HU, Vaag A, Zethelius B, Pedersen O, Treebak JT, Hansen T, Holst B. ADAMTS9 regulates skeletal muscle insulin sensitivity through extracellular matrix alterations. *Diabetes*. 68:502-514, 2019.

Grønkjær M, Osler M, Flensborg-Madsen T, Sørensen HJ, Mortensen EL. Associations between education and age-related cognitive changes from early adulthood to late midlife. *Psychology and Aging*. 34(2):177-186, 2019.

Grubb S, Lauritzen M. Deep sleep drives brain fluid oscillations. Invited perspective paper. *Science*. 366(6465):572-573, 2019.

Grünenberg K. Body cartographers. Mapping bodies and borders in the laboratory. In: Olwig KF, Grünenberg K, Møhl P, and Simonsen A (eds) *The biometric border world. Technologies, bodies and identities on the move*. Routledge, London, 2019.

Grünenberg K. The biometric community; Friends, foes, and the political economy of biometrics. In: Olwig KF, Grünenberg K, Møhl P, and Simonsen A (eds) *The biometric border world. Technologies, bodies and identities on the move*. Routledge, London, 2019.

Grünenberg, K. The face of ‘the other’: Biometric facial recognition, imposters, and the art of outplaying them. In: Helgesson CF, Moats D, Vogel E, and Woolgar S (eds) *Thinking with imposters*, p. 1187–1196, 2019.

Halling JF, Jessen H, Nøhr-Meldgaard J, Buch BT, Christensen NM, Gudiksen A, Ringholm S, Neufer PD, Prats C, Pilegaard H. PGC-1 $\alpha$  regulates mitochondrial properties beyond biogenesis with aging and exercise training. *Am J Physiol Endocrinol Metab.* 317(3):E513-E525, 2019.

Hansen M, Kuhlman ACB, Sahl RE, Kelly B, Morville T, Dohlmann TL, Chrois KM, Larsen S, Helge JW, Dela F. Inflammatory biomarkers in patients in Simvastatin treatment: No effect of co-enzyme Q10 supplementation. *Cytokine.* 113:393-399, 2019.

Hansen MT, Rømer T, Frandsen J, Larsen S, Dela F, Helge JW. Determination and validation of peak fat oxidation in endurance-trained men using an upper body graded exercise test. *Scand J Med Sci Sports.* 29:1677-1690, 2019.

Hasan-Olive MM, Lauritzen KH, Ali M, Rasmussen LJ, Storm-Mathisen J, Bergersen LH. A ketogenic diet improves mitochondrial biogenesis and bioenergetics via the PGC1 $\alpha$ -SIRT3-UCP2 axis. *Neurochem Res.* 44(1):22-37, 2019.

Hjerrild JN, Wobbe A, Stausholm MB, Larsen AE, Josefson CO, Malmgaard-Clausen NM, Dela F, Kjaer M, Magnusson SP, Hansen M, Svensson RB, Couppé C. Effects of long-term physical activity and diet on skin glycation and Achilles tendon structure. *Nutrients.* 11(6):e1409-e1417, 2019.

Holm L, Bechshoeft R, Reitelseder S, Mertz K, Bulow J, Hojfeldt G. Protein supplementation does not rescue muscle mass and function – heavy resistance training is required. *Innov Aging.* 3(Suppl 1):S86-S87, 2019.

Holm L, Dideriksen K, Nielsen RH, Doessing S, Bechshoeft RL, Højfeldt G, Moberg M, Blomstrand E, Reitelseder S, van Hall G. An exploration of the methods to determine the protein-specific synthesis and breakdown rates in vivo in humans. *Physiol Rep.* 7:e14143, 2019.

Hornstrup Th, Terkildsen Løwenstein F, Alleslev Larsen M, Wulff Helge E, Póvoas S, Wulff Helge J, Jung Nielsen JJ, Fristrup B, Løvind Andersen J, Gliemann L, Nybo L, Krstrup P. Cardiovascular, muscular, and skeletal adaptations to recreational team handball training: A randomized controlled trial with young adult untrained men. *Eur J Appl Physiol.* 119(2):561-573, 2019.

Horwitz A, Klemp M, Horwitz H, Thomsen MD, Rostrup E, Mortensen EL, Osler M, Lauritzen M, Benedek K. Brain responses to passive sensory stimulation correlate with intelligence. *Front Aging Neurosci.* 11:201, 2019.

Hou Y, Dan X, Babbar M, Wei Y, Hasselbalch SG, Croteau DL, Bohr VA. Ageing as a risk factor for neurodegenerative disease. *Nat Rev Neurol.* 15(10):565-581, 2019.

Ishtiaq-Ahmed K, Hansen AM, Mortensen EL, Garde AH, Grynderup MB, Gyntelberg F, Islamoska S, Lund R, Phung TKT, Prescott E, Waldemar G, Nielsen KN. Midlife forgetfulness and risk of dementia in old age: Results from the Danish working environment cohort study. *Dement Geriatr Cogn Disord.* 47:264-273, 2019.

Ishtiaq-Ahmed K, Hansen AM, Mortensen EL, Garde AH, Gyntelberg F, Islamoska S, Lund R, Phung TKT, Grynderup MB, Prescott E, Waldemar G, Nielsen KN. Prolonged or serious conflicts at work and incident dementia: A 23-year follow-up of the Copenhagen City Heart Study. *International Archives of Occupational and Environmental Health.* 92(2):165-173, 2019.

Islamoska S, Ishtiaq-Ahmed K, Hansen ÅM, Grynderup M, Mortensen EL, Garde AH, Gyntelberg F, Prescott E, Török E, Waldemar G, Nabe-Nielsen K. Vital Exhaustion and Incidence of Dementia: Results from the Copenhagen City Heart Study. *Journal of Alzheimer's Disease.* 67:369-379, 2019.

Janiurek MM, Soylu-Kucharz R, Christoffersen C, Kucharz K, Lauritzen M. Apolipoprotein M-bound sphingosine-1-phosphate regulates blood-brain barrier paracellular permeability and transcytosis. *eLife.* 8:e49405, 2019.

Jensen T. Fra bespisning til social event: Mad og måltidspolitik målrettet ældre mennesker. In Wingender N, Møller A, Nørtoft KPJ, Lassen AJ, Jensen T (eds.). *Gammel i København. Gode ældreliv siden 1890*. Frydenlund Academic. 2019.

Jensen T, Grønnnow LC, Jespersen AP. Eating Strategies. An analysis of how frail, home-dwelling older people in Denmark develop strategies to form meaningful eating situations. *Ageing & Society*. 39(3):590-608, 2019.

Johannsen F, Konradsen L, Herzog R, Rindom Krosgaard M. Plantar fasciitis treated with endoscopic partial plantar fasciotomy-One-year clinical and ultrasonographic follow-up. *Foot*. 39:50-54, 2019.

Johannsen FE, Herzog RB, Malmgaard-Clausen NM, Hoegberget-Kalisz M, Magnusson SP, Kjaer M. Corticosteroid injection is the best treatment in plantar fasciitis if combined with controlled training. *Knee Surg Sports Traumatol Arthrosc*. 27:5-12, 2019.

Johansen ML, Schou M, Rasmussen J, Rossignol P, Holm MR, Chabanova E, Dela F, Faber J, Kistorp C. Low N-terminal pro-brain natriuretic peptide levels are associated with non-alcoholic fatty liver disease in patients with type 2 diabetes. *Diabetes Metab*. 45(5):429-435, 2019.

Johansen ML, Schou M, Rossignol P, Holm MR, Rasmussen J, Brandt N, Frandsen M, Chabanova E, Dela F, Faber J, Kistorp C. Effect of the mineralocorticoid receptor antagonist eplerenone on liver fat and metabolism in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial (MIRAD trial). *Diabetes Obes Metab*. 21:2305-2314, 2019.

Jørgensen SW, Liberti SE, Larsen NB, Lisby M, Mankouri HW, Hickson ID. Esc2 promotes telomere stability in response to DNA replication stress. *Nucleic Acids Res*. 47:4597-4611, 2019.

Jørgensen TSH, Lund R, Fors S, Siersma V, Nilsson CJ. Intergenerational relations and social mobility: social inequality in physical function in old age. *Archives of Gerontology and Geriatrics*. 80:58-64, 2019.

Jørgensen TSH, Siersma V, Lund R, Nilsson CJ. Mobility limitation as determinant of primary care use and ambulatory care sensitive conditions. *Eur Geriatr Med*. 10:53-60, 2019.

Karlsen A, Bechshøft RL, Malmgaard-Clausen NM, Andersen JL, Schjerling P, Kjaer M, Mackey AL. Lack of muscle fibre hypertrophy, myonuclear addition, and satellite cell pool expansion with resistance training in 83-94-year-old men and women. *Acta Physiol (Oxf)*. 227:e13271, 2019.

Kousgaard MB, Scheele CE, Vrangbæk K. Inter-sectoral collaboration in municipal health centres: A multi-site qualitative study of supporting organizational elements and individual drivers. *Int J Integr Care*. 19(2): 9, 2019.

Kriegbaum M, Hougaard CØ, Andersen I, Brønnum-Hansen H, Lund R. Life course analysis on income and incident AMI: A Danish register-based cohort study. *J Epidemiol Community Health*. 73(9):810-816, 2019.

Kriegbaum M, Lund R, Schmidt L, Rod NH, Christensen U. The joint effect of unemployment and cynical hostility on all-cause mortality: Results from a prospective cohort study. *BMC Public Health*. 19:293, 2019.

Kristiansen M, Adamsen L, Piil K, Halvorsen I, Nyholm N, Hendriksen C. A three-year national follow-up study on the development of community-level cancer rehabilitation in Denmark. *Scand J Public Health*. 47(5):511-518, 2019.

Kristiansen M, Pallesen AVJ. Mixed methods. In *Forskningsmetoder i Folkesundhedsvidenskab*, AMB Jensen and S Vallgårda (eds), København: Munksgaard, 5th edition, 2019.

Kuhlman AB, Morville T, Dohlmann TL, Hansen M, Kelly B, Helge JW, Dela F. Coenzyme Q10 does not improve peripheral insulin sensitivity in statin-treated men and women: The LIFESTAT study. *Appl Physiol Nutr Metab*. 44:485-492, 2019.

- Kuhlman AB, Morville T, Dohlmann TL, Hansen M, Kelly B, Helge JW, Dela F. Corrigendum: Coenzyme Q10 does not improve peripheral insulin sensitivity in statin-treated men and women: the LIFESTAT study. *Appl Physiol Nutr Metab*. 44(11):1266, 2019.
- Larsen S, Dandanell S, Kristensen KB, Jorgensen SD, Dela F, Helge JW. Influence of exercise amount and intensity on long-term weight loss maintenance and skeletal muscle mitochondrial ROS production in humans. *Appl Physiol Nutr Metab*. 44:958-964, 2019.
- Lassen AJ. Agencements of reanimation: Facilitating an active old age through Danish co-creation initiatives. *Anthropol Aging*. 40(2):23–36, 2019.
- Lassen AJ. Aktive gamle i København. In Jensen T, Lassen AJ, Møller A, Nørtoft K, Wingender N (eds.): *Gammel i København. Ældre menneskers liv og livsvilkår siden 1900*. Frydenlund Academic. 2019.
- Lau SR, Andersen JS, Dela F, Oxlund B. The rise of statins in Denmark: Making the case for a localized approach to the routinization of pharmaceutical prevention of cardiovascular disease. *BioSocieties*. 14:228–250, 2019.
- Lauridsen PE, Rasmussen LJ, Desler C. Mitochondrial oxidative phosphorylation capacity of cryopreserved cells. *Mitochondrion*. 47:47-53, 2019.
- Lee JH, Demarest TG, Babbar M, Kim EW, Okur MN, De S, Croteau DL, Bohr VA. Cockayne syndrome group B deficiency reduces H3K9me3 chromatin remodeler SETDB1 and exacerbates cellular aging. *Nucleic Acids Res*. 47(16):8548-8562, 2019.
- Lindberg LG, Mundy SS, Kristiansen M, Johansen KS, Lohmann J. Satisfaction with mental health treatment among patients with a non-Western migrant background: A survey in a Danish specialized outpatient mental health clinic. *Eur J Public Health*. 29(4):700-705, 2019.
- Lindvig K, Hillersdal L. Strategically unclear: Organising interdisciplinarity in an excellence programme of interdisciplinary research in Denmark. *Minerva*. 57(1):23-46, 2019.
- Lund R, Christensen U, Mathisen J, Sørensen KS, Srivarathan A, Molbo M, Halby K, Kristiansen M. Health, well-being and social relations in a changing neighbourhood: Protocol for a prospective, multimethods study of the consequences of large structural changes in an ethnic diverse social housing area in Denmark. *BMJ Open*. 9(6):e030936, 2019.
- Lund R, Mathisen J, Srivarathan A, Sørensen KS, Christensen U, Kristiansen M. Protocol paper on health, wellbeing and social relations in a community undergoing large structural changes. *BMJ Open*. 9(6):e030936, 2019.
- Magnusson SP, Kjaer M. The impact of loading, unloading, ageing and injury on the human tendon. *J Physiol*. 597:1283-1298, 2019.
- Magnusson SP, Eliasson P, Agergaard AS, Couppé C, Svensson R, Krosgaard M, Kjaer M. Surgical Technique influences rehabilitation regimen: response. *Am J Sports Med*. 47:NP7, 2019.
- Mamoshina P, Kochetov K, Cortese F, Kovalchuk A, Aliper A, Putin E, Scheibye-Knudsen M, Cantor CR, Skjodt NM, Kovalchuk O, Zhavoronkov A. Blood Biochemistry Analysis to Detect Smoking Status and Quantify Accelerated Aging in Smokers. *Sci Rep*, 9(1):142, 2019.
- Maynard S, Keijzers G, Akbari M, Ezra MB, Hall A, Morevati M, Scheibye-Knudsen M, Gonzalo S, Bartek J, Bohr VA. Lamin A/C promotes DNA base excision repair. *Nucleic Acids Res*. 47(22):11709-11728, 2018.
- Mikkelsen ASB, Dragsted AC, Kristiansen M. Social interventions targeting social relations among older people at nursing homes: A qualitative synthesized systematic review. *Inquiry*. 56:46958018823929, 2019.

Mikkelsen HH, Schwennesen N, Lassen AJ (eds.). Energy and Aging in the Danish Welfare State. Special issue of *Anthropology & Ageing*. 40(2), 2019.

Mikkelsen HH, Schwennesen N, Lassen AJ. Energy and aging in the Danish welfare state: Ethnographic explorations of an omnipresent but forgotten concept. Special issue on aging in the Danish Welfare State, *Anthropol Aging*. 40(2):1-9, 2019.

Mikkelsen HH. Ending on a Negative Note: Dying and the Anthropology of Pessimism. *Journal of the Royal Anthropological Institute*. Jul, 2019.

Mikkelsen HH. Potentialets politik: Aldring og ensomhed i Danmark. [Potential politics: Aging and loneliness in Denmark]. *Tidsskrift for forskning i sygdom og samfund*. [Journal for research in disease and society] 2019;16(30):107-121, 2019.

Mikkelsen HH. Idleness: Passive Citizens and Energizing the Danish welfare State. *Anthropology and Ageing*. 40(2):37-47, 2019.

Møller A. Hvor har alderdommen hjemme? - Tre boligformer for gamle i København 1900-1960. In Jensen T, Lassen AJ, Nørtoft KPJ, Møller A, Wingender NB (eds.): *Gammel i København: Ældres liv og livsvilkår i København siden 1890*. Frydenlund Academic. 2019.

Møller A, Mänty M, Andersen LL, Volkert S, Lund R, Mortensen OS. Cumulative physical workload and mobility limitations in middle-aged men and women: A population-based study with retrospective assessment of workload. *Int Arch Occup Environ Health*. 92(5):651-660, 2019.

Møller AB, Vendelbo MH, Schjerling P, Couppé C, Møller N, Kjær M, Hansen M, Jessen N. Immobilization decreases FOXO3a phosphorylation and increases autophagy-related gene and protein expression in human skeletal muscle. *Front Physiol*. 10:736, 2019.

Montagna C, Rizza S, Cirotti C, Maiani E, Muscaritoli M, Musarò A, Carrí MT, Ferraro E, Cecconi F, Filomeni G. nNOS/GSNOR interaction contributes to skeletal muscle differentiation and homeostasis. *Cell Death Dis*. 10:354, 2019.

Montgomery E, Just-Østergaard E, Jervelund SS. Transmitting trauma: a systematic review of the risk of child abuse perpetrated by parents exposed to traumatic events. *International Journal of Public Health*. 64(2):241-251, 2019.

Mooijaart SP, Du Puy RS, Stott DJ, Kearney PM, Rodondi N, Westendorp RGJ, den Elzen WPJ, Postmus I, Poortvliet RKE, van Heemst D, van Munster BC, Peeters RP, Ford I, Kean S, Messow CM, Blum MR, Collet TH, Watt T, Dekkers OM, Jukema JW, Smit JWA, Langhorne P, Gussekloo J. Association between levothyroxine treatment and thyroid-related symptoms among adults aged 80 years and older with subclinical hypothyroidism. *JAMA*. 322(20):1977-1986, 2019.

Morville T, Dohlmann T, Kuhlman AB, Monberg T, Torp M, Hartmann B, Holst JJ, Larsen S, Helge JW, Dela F. Glucose homeostasis in statin users – The LIFESTAT study. *Diabetes Metab Res Rev*. 35:e3110, 2019.

Morville T, Lovsø Dohlmann T, Birk Kuhlman A, Eg Sahl R, Kriegbaum M, Larsen S, Dela F, Wulff Helge J. Aerobic exercise performance and muscle strength in statin users – the LIFESTAT study. *Med Sci Sports Exerc*. 51(7):1429-1437, 2019.

Möttus R, Sinick J, Terracciano A, Hřebíčková M, Kandler C, Ando J, Mortensen EL, Colodro-Conde L, Jang KL. Personality characteristics below facets: A replication and meta-analysis of cross-rater agreement, rank-order stability, heritability, and utility of personality nuances. *Journal of Personality and Social Psychology*. 117(4):E35-E50, 2019.

Murmu RP, Fordsmann JC, Cai C, Brazhe A, Thomsen KJ, Lauritzen M. Sensory stimulation-induced astrocytic calcium signaling in electrically silent ischemic penumbra. *Front Aging Neurosci.* 11:223, 2019.

Nabe-Nielsen K, Hansen ÅM, Ishtiak-Ahmed K, Grynderup MB, Gyntelberg F, Islamoska S, Mortensen EL, Phung TKT, Rod NH, Waldemar G, Westendorp RGJ, Garde AH. Night shift work, long working hours and dementia: A longitudinal study of the Danish Work Environment Cohort Study. *BMJ Open.* 9(5):e027027, 2019.

Nabe-Nielsen K, Rod NH, Hansen ÅM, Prescott E, Grynderup MB, Islamoska S, Ishtiak-Ahmed K, Garde AH, Gyntelberg F, Mortensen EL, Phung TKT, Waldemar G, Westendorp RGJ. Perceived stress and dementia: Results from the Copenhagen city heart study. *Aging Ment Health.* 24(11):1828-1836, 2019.

Nakajima T, Yokota T, Shingu Y, Yamada A, Iba Y, Ujihira K, Wakasa S, Ooka T, Takada S, Shirakawa R, Katayama T, Furuhata T, Fukushima A, Matsuoka R, Nishihara H, Dela F, Nakanishi K, Matsui Y, Kinugawa S. Impaired mitochondrial oxidative phosphorylation capacity in epicardial adipose tissue is associated with decreased concentration of adiponectin and severity of coronary atherosclerosis. *Sci Rep.* 9:3535, 2019.

Nielsen B, Cejvanovic V, Wortwein G, Hansen AR, Marstal KK, Weimann A, Bjerring PN, Dela F, Poulsen HE, Jorgensen MB. Increased oxidation of RNA despite reduced mitochondrial respiration after chronic electroconvulsive stimulation of rat brain tissue. *Neurosci Lett.* 690:1-5, 2019.

Nissen LR, Karstoft KI, Vedtofte MS, Nielsen ABS, Osler M, Mortensen EL, Christensen GT, Andersen SB. Low-level cognitive ability in young adulthood and other risk factors of depression in an observational cohort study among deployed Danish soldiers. *Social Psychiatry and Psychiatric Epidemiology.* 54(4):497-506, 2019.

Nørtoft K. Alderdommens pædagogisering: Samfundsøkonomi, sundhed og individualiserede pædagogiske relationer. *Tidsskrift for Sygdom og Samfund.* 16(30):41-66, 2019.

Nørtoft K, Jensen T. Rundt i byen. In Wingender N, Møller A, Nørtoft KPJ, Lassen AJ, Jensen T (eds.): *Gammel i København. Gode ældreliv siden 1890.* Frydenlund Academic. 2019.

Nørtoft K, Nordentoft Jacobsen H. Exposing Diversity. A methodological approach to the use of video narratives in interdisciplinary practices. *Visual Anthropology.* 32(1):56-75, 2019.

Olwig KF, Grønneberg K, Møhl P, Simonsen A. Introduction and conclusion. In: *The biometric border world. Technologies, bodies and identities on the move.* Routledge, London, 2019.

Osler M, Christensen GT, Mortensen EL, Christensen K, Garde E, Rozing MP. Hearing loss, cognitive ability, and dementia in men age 19-78 years. *European Journal of Epidemiology.* 34(2):125-130, 2019.

Oxlund B, Grøn L, Bregnæk S. Introduktion: Sund aldring og sociale relationer. *Tidsskrift for Sygdom og Samfund.* 16(30):5-19, 2019.

Palleesen AVJ, Byberg S, Kristiansen M. Improving dietary behaviour among ethnic minority women in Denmark: A feasibility study based on a participatory and culturally adapted intervention. *Int J Environ Res Public Health.* 16(5):795, 2019.

Pedersen JM, Mortensen EL, Meincke RH, Petersen GL, Budtz-Jørgensen E, Brunnsgaard H, Sørensen HJ, Lund R. Maternal infections during pregnancy and offspring midlife inflammation. *Matern Health Neonatol Perinatol.* 5:4, 2019.

Peeters MJW, Dulkeviciute D, Draghi A, Ritter C, Rahbech A, Skadborg S, Seremet T, Simões AMC, Martinenaite E, Halldórsdóttir H, Andersen MH, Olofsson GH, Svane IM, Rasmussen LJ, Met Ö, Becker J, Donia M, Desler C, Straten PT. MERTK acts as a co-stimulatory receptor on human CD8+ T cells. *Cancer Immun Res.* 7(9):1472-1484, 2019.

- Puvill T, Kusumastuti S, Lund R, Mortensen EL, Slaets J, Lindenberg J, Westendorp RGJ. Do psychosocial factors modify the negative association between disability and life satisfaction in old age? *PLoS One*. 14(10):e0224421, 2019.
- Ronkina N, Shushakova N, Tiedje C, Yakovleva T, Tollenaere MAX, Scott A, Batth TS, Olsen JV, Helmke A, Bekker-Jensen SH, Clark AR, Kotlyarov A, Gaestel M. The role of TTP phosphorylation in the regulation of inflammatory cytokine production by MK2/3. *J Immunol*. 203:2291-2300, 2019.
- Rozing MP, Veerhuis R, Westendorp RGJ, Eikelenboom P, Stek M, Marijnissen RM, Oude Voshaar RC, Comijs HC, van Exel E. Inflammation in older subjects with early- and late-onset depression in the NESDO study: A cross-sectional and longitudinal case-only design. *Psychoneuroendocrinology*. 99:20-27, 2019.
- Schacht SR, Lind MV, Mertz KH, Bülow J, Bechshøft R, Højfeldt G, Schucany A, Hjulmand M, Sidoli C, Andersen SB, Jensen M, Reitelseder S, Holm L, Tetens I. Development of a mobility diet score (MDS) and associations with bone mineral density and muscle function in older adults. *Frontiers Nutrition*. 6:114, 2019.
- Scheele CE, Vrangbæk K, Kriegbaum M. Volunteer association perceptions of municipal policy strategies to promote co-production of healthy ageing services. *Ageing Soc*. 39(6):1152-1171, 2019.
- Schwennesen N. Algorithmic Assemblages: Imaginaries and epistemologies in remote monitored physical rehabilitation. *Sociology of Health and Illness*. 41(S1):176-192, 2019.
- Schwennesen N. Bodies in-motion: The concerted action of energy conversion in digital rehabilitation. *Anthropology and Ageing*. 40(2):10-22, 2019.
- Schwennesen N, Barghadouch A, Olesen K. Health literacy and self-care among visually impaired people with type 1 diabetes in Denmark. *Chronic Illn*. 15(2):157–164, 2019.
- Shirakawa R, Yokota T, Nakajima T, Takada S, Yamane M, Furihata T, Maekawa S, Nambu H, Katayama T, Fukushima A, Saito A, Ishimori N, Dela F, Kinugawa S, Anzai T. Mitochondrial reactive oxygen species generation in blood cells is associated with disease severity and exercise intolerance in heart failure patients. *Sci Rep*. 9:14709, 2019.
- Soendenbroe C, Heisterberg MF, Schjerling P, Karlsen A, Kjaer M, Andersen JL, Mackey AL. Molecular indicators of denervation in aging human skeletal muscle. *Muscle Nerve*. 60:453-463, 2019.
- Søgaard D, Baranowski M, Dela F, Helge JW. The influence of age and cardiorespiratory fitness on bioactive lipids in muscle. *J Gerontol A Biol Sci Med Sci*. 74(6):778-786, 2019.
- Søgaard D, Baranowski M, Larsen S, Taulo LM, Munk SC, Vestergaard AC, Greve DS, Dela F, Wulff Helge J. Muscle-saturated bioactive lipids are increased with aging and influenced by high-intensity interval training. *Int J Mol Sci*. 20(5):1240, 2019.
- Sonneville R, Bhowmick R, Hoffmann S, Mailand N, Hickson ID, Labib K. TRAIP drives replisome disassembly and mitotic DNA repair synthesis at sites of incomplete DNA replication. *eLife*. 8:e48686, 2019.
- Srivarathan A, Nedergaard Jensen A, Norredam M, Kristiansen M. Community-based interventions to enhance healthy aging in disadvantaged areas: Perceptions of older adults and health care professionals. *BMC Health Serv Res*. 19:1-9, 2019.
- Svensson RB, Couppé C, Agergaard A, Josefsson CO, Jensen MH, Barfod KW, Nybing JD, Hansen P, Krogsbaard M, Magnusson SP. Persistent functional loss following ruptured Achilles tendon is associated with reduced gastrocnemius muscle fascicle length, elongated gastrocnemius and soleus tendon, and reduced muscle cross-sectional area. *Transl Sports Med*. 2:316-324, 2019.

Szczerbinski L, Taylor MA, Citko A, Gorska M, Larsen S, Hady HR, Kretowski A. Clusters of glycemic response to oral glucose tolerance tests explain multivariate metabolic and anthropometric outcomes of bariatric surgery in obese patients. *J Clin Med.* 8(8):1091, 2019.

Tari AR, Norevik CS, Scrimgeour NR, Kobro-Flatmoen A, Storm-Mathisen J, Bergersen LH, Wrann CD, Selbæk G, Kivipelto M, Moreira JBN, Wisløff U. Are the neuroprotective effects of exercise training systemically mediated? *Prog Cardiovasc Dis.* 62:94-101, 2019.

Tollenaere MAX, Tiedje C, Rasmussen S, Nielsen JC, Vind AC, Blasius M, Batth TS, Mailand N, Olsen JV, Gaestel M, Bekker-Jensen S. GIGYF1-driven cooperation between ZNF598 and TTP in posttranscriptional regulation of inflammatory signaling. *Cell Rep.* 26:3511-3521.e4, 2019.

Tørslev MK, Kristiansen M. Participatoriske forskningsmetoder [Participatory research methods]. In: Jensen AMB and Vallgårda S (eds) *Forskningsmetoder i Folkesundhedsvidenskab* [Research methods in Public Health Science], 5th edition, 480 p. Munksgaard, Copenhagen, 2019.

Tran PHT, Skrba T, Wondimu E, Galatioto G, Svensson RB, Olesen AT, Mackey AL, Magnusson SP, Ramirez F, Kjaer M. The influence of fibrillin-1 and physical activity upon tendon tissue morphology and mechanical properties in mice. *Physiol Rep.* 7:e14267, 2019.

Trøstrup J, Andersen H, Meiner Kam C, Magnusson SP, Beyer N. Assessment of mobility in older people hospitalized for medical illness using the de Morton Mobility Index and cumulated ambulation score-validity and minimal clinical important difference. *J Geriatr Phys Ther.* 42:153-160, 2019.

Trulley P, Snieckute G, Menon MB, Bekker-Jensen D, Freund R, Olsen JV, Diaz-Muñoz MD, Turner M, Bekker-Jensen S, Gaestel M, Tiedje C. Alternative translation initiation generates a functionally distinct isoform of the stress-activated protein kinase MK2. *Cell Rep.* (10):2859-2870, 2019.

Vahlgren J, Karlsen A, Scheel FU, Loeb MR, Perez A, Beyer N, Kjær M, Magnusson SP. Using ultrasonography to detect loss of muscle mass in the hospitalized geriatric population. *Transl Sports Med.* 2:287-293, 2019.

Waaijer MEC, Goldeck D, Gunn DA, van Heemst D, Westendorp RGJ, Pawelec G, Maier AB. Are skin senescence and immunosenescence linked within individuals? *Aging Cell.* 18(4):e12956, 2019.

Ward M, Kristiansen M, Sørensen K. Migrant health literacy in the European Union: a systematic literature review. *Health Education Journal.* 78(1):81-95, 2019.

Westendorp RGJ, Kusumastuti S. Gaan we luisteren of meten? [Screening tools do not measure up against rigorous history taking]. *Ned Tijdschr Geneeskd.* 163:D4473, 2019.

Wiberg S, Stride N, Bro-Jeppesen J, Holmberg MJ, Kjaergaard J, Larsen S, Donnino MW, Hassager C, Dela F. Mitochondrial dysfunction in adults after out-of-hospital cardiac arrest. *Eur Heart J Acute Cardiovasc Care.* 2048872618814700 9(4\_suppl):S138-S144, 2019.

Wildisen L, Moutzouri E, Beglinger S, Syrigiannouli L, Cappola AR, Åsvold BO, Bakker SJL, Ceresini G, Dullaart R, Ferrucci L, Grabe H, Jukema JW, Nauck M, Trompet S, Völzke H, Westendorp RGJ, Gussekloo J, Peeters RP, Klöppel S, Aujesky D, Bauer DC, Rodondi N, Del Giovane C, Feller M. Thyroid Studies Collaboration. Subclinical thyroid dysfunction and depressive symptoms: Protocol for a systematic review and individual participant data meta-analysis of prospective cohort studies. *BMJ Open.* 9(7):e029716, 2019.

Wingender N, Møller A, Nørtoft KPJ, Lassen AJ, Jensen T (eds.). *Gammel i København. Gode ældreliv siden 1890.* Frydenlund Academic, 2019.

Yang B, Figueroa DM, Hou Y, Babbar M, Baringer SL, Croteau DL, Bohr VA. NEIL1 stimulates neurogenesis and suppresses neuroinflammation after stress. *Free Radic Biol Med.* 141:47-58, 2019.

Yeung CC, Kadler KE. Importance of the circadian clock in tendon development. *Curr Top Dev Biol.* 133:309-342, 2019.

Yeung CC, Schjerling P, Heinemeier KM, Boesen AP, Dideriksen K, Kjær M. Investigating circadian clock gene expression in human tendon biopsies from acute exercise and immobilization studies. *Eur J Appl Physiol.* 119:1387-1394, 2019.

Zarnani K, Nichols TE, Alfaro-Almagro F, Fagerlund B, Lauritzen M, Rostrup E, Smith SM. Discovering markers of healthy aging: A prospective study in a Danish male birth cohort. *Aging (Albany NY).* 11(16):5943-5974, 2019.

Zebis MK, Warming S, Pedersen MB, Kraft MH, Magnusson SP, Krosgaard M, Døssing S, Alkjær T. Outcome measures after ACL injury in pediatric patients: A scoping review. *Orthop J Sports Med.* 7(7):2325967119861803, 2019.

Zeid W, Andersen JS, Kristiansen M. Patterns of complementary and alternative medicine use among Arab immigrants in Denmark: A qualitative study. *Scand J Public Health.* 47(7):748-754, 2019.

Zhang C, Svensson RB, Couppé C, Schjerling P, Skovgaard D, Kjaer M, Magnusson SP. Regional differences in turnover, composition, and mechanics of the porcine flexor tendon. *Connect Tissue Res.* 28:1-10, 2019.

Zhavoronkov A, Mamoshina P, Vanhaelen Q, Scheibye-Knudsen M, Moskalev A, Aliper A. Artificial intelligence for aging and longevity research: Recent advances and perspectives. *Ageing Res Rev.* 49:49-66, 2019.

Zheng J, Croteau DL, Bohr VA, Akbari M. Diminished OPA1 expression and impaired mitochondrial morphology and homeostasis in aprataxin-deficient cells. *Nucleic Acids Res.* 47(8):4086-4110, 2019.

Ziegler AK, Damgaard A, Mackey AL, Schjerling P, Magnusson SP, Olesen AT, Kjaer M, Scheele C. An anti-inflammatory phenotype in visceral adipose tissue of old lean mice, augmented by exercise. *Sci Rep.* 9(1):12069, 2019.

Ziegler AK, Jensen SM, Schjerling P, Mackey AL, Andersen JL, Kjaer M. The effect of resistance exercise upon age-related systemic and local skeletal muscle inflammation. *Exp Gerontol.* 121:19-32, 2019.

## 2020

Alnamlah M, Gravert C. She could not agree more: The role of failure attribution in shaping the gender gap in competition persistence. 2020.

Aman Y, Frank J, Lautrup SH, Matysek A, Niu Z, Yang G, Shi L, Bergersen LH, Storm-Mathisen J, Rasmussen LJ, Bohr VA, Nilsen H, Fang EF. The NAD+-mitophagy axis in healthy longevity and in artificial intelligence-based clinical applications. *Mech Aging Dev.* 185:111194, 2020.

Ambæk Durhuus J, Hansson S, Morville Th, Birk Kuhlman AC, Dohlmann T, Larsen S, Wulff Helge J, Angleys M, Muniesa Varga AM, Bundgaard JR, Hickson ID, Dela F, Desler C, Juel Rasmussen L. Simvastatin increases mitochondrial respiration in peripheral blood cells. *Sci Rep.* 10:17012, 2020.

Amini H, Dehlendorff C, Lim YH, Mehta A, Jørgensen JT, Mortensen LH, Westendorp R, Hoffmann B, Loft S, Cole-Hunter T, Bräuner EV, Ketzel M, Hertel O, Brandt J, Solvang Jensen S, Christensen JH, Geels C, Frohn LM, Backalarz C, Simonsen MK, Andersen ZJ. Long-term exposure to air pollution and stroke incidence: A Danish Nurse Cohort study. *Environ Int.* 142:105891, 2020.

Andersen S, Marx J, Nielsen KM, Vesterlund L. Gender differences in negotiation: Evidence from real estate transactions. *National Bureau of Economic Research.* w27318, 2020.

Ara I, Auerbach P, Larsen, S, Mata E, Stallknecht, B, Ploug T, Prats C, Helge JW. Does low-grade inflammation and macrophage infiltration in adipose tissue depots persist in post obese? *Biomedicines*. 8(5):123, 2020.

Bakula D, Scheibye-Knudsen M. MitophAging: Mitophagy in aging and disease. *Front Cell Dev Biol*. 8:239, 2020.

Barlow JP, Karstoft K, Vigelsø A, Gram M, Helge JW, Dela F, Pappan K, O'Neil D, Dunn W, Solomon ThPJ. Beta-aminoisobutyric acid is released by contracting human skeletal muscle and lowers insulin release from INS-1 832/3 cells by mediating mitochondrial energy metabolism. *Metabol Open*. 7:100053, 2020.

Battey E, Stroud MJ, Ochala J. Using nuclear envelope mutations to explore age-related skeletal muscle weakness. *Clin Sci (Lond)*. 134(16):2177-2187, 2020.

Bayer ML, Svensson RB, Schjerling P, Williams AS, Wasserman DH, Kjaer M. Influence of the integrin alpha-1 subunit and its relationship with high-fat diet upon extracellular matrix synthesis in skeletal muscle and tendon. *Cell Tissue Res*. 381(1):177-187, 2020.

Beenakker KGM, Westendorp RGJ, de Craen AJM, Chen S, Raz Y, Ballieux BEPB, Nelissen RGHH, Later AFL, Huizinga TW, Slagboom PE, Boomsma DI, Maier AB. Men have a stronger monocyte-derived cytokine production response upon stimulation with the gram-negative stimulus lipopolysaccharide than women: A pooled analysis including 15 study populations. *J Innate Immun*. 12(2):142-153, 2020.

Bergien S, Petersen CM, Lynning M, Kristiansen M, Skovgaard LE. Use of natural medicine and dietary supplements concomitant with conventional medicine among people with multiple sclerosis. *Mult Scler Relat Dis*. 44:102197, 2020.

Bergman F, Matsson-Frost T, Jonasson L, Chorell E, Sörlin A, Wennberg P, Öhberg F, Ryberg M, Levine JA, Olsson T, Boraxbekk CJ. Walking time is associated with hippocampal volume in overweight and obese office workers. *Front Hum Neurosci*. 14:307, 2020.

Bergmann NC, Gasbjerg LS, Heimburger SM, Krogh LSL, Dela F, Hartmann B, Holst JJ, Jessen L, Christensen MB, Vilsboll T, Lund A, Knop FK. No acute effects of exogenous glucose-dependent insulinotropic polypeptide on energy intake, appetite, or energy expenditure when added to treatment with a long-acting glucagon-like peptide 1 receptor agonist in men with type 2 diabetes. *Diabetes Care*. 43(3):588-596, 2020.

Bjerre-Bastos JJ, Nielsen HB, Andersen JR, He Y, Karsdal M, Bay-Jensen AC, Boesen M, Mackey AL, Bihlet AR. Evaluation of serum ARGs neoepitope as an osteoarthritis biomarker using a standardized model for exercise-induced cartilage extra cellular matrix turnover. *Osteoarthr Cartil Open*. 2(2):100060, 2020.

Bjerregaard VA, Schönewolf-Greulich B, Juel Rasmussen L, Desler C, Tümer Z. Mitochondrial function in Gilles de la Tourette syndrome patients with and without intragenic IMMP2L deletions. *Front Neurol*. 11:163, 2020.

Boesen AP, Boesen MI, Hansen R, Barfod KW, Lenskjold A, Malliaras P, Langberg H. Effect of platelet-rich plasma on nonsurgically treated acute achilles tendon ruptures: A randomized, double-blinded prospective study. *Am J Sports Med*. 48(9):2268-2276, 2020.

Brandão BB, Madsen S, Rabiee A, Oliverio M, Ruiz GP, Ferrucci DL, Branquinho JL, Razolli D, Pinto S, Nielsen TS, Festuccia WT, Martins AS, Guerra BA, Knittel TL, Sogaard D, Larsen S, Helge JW, Brandauer J, Velloso LA, Emanuelli B, Kornfeld JW, Kahn CR, Vienberg SG, Zierath JR, Treebak JT, Mori MA. Dynamic changes in DICER levels in adipose tissue control metabolic adaptations to exercise. *Proc Natl Acad Sci USA*. 117(38):23932-23941, 2020.

Brannvoll A, Xue X, Kwon Y, Kompocholi S, Simonsen AKW, Viswalingam KS, Gonzalez L, Hickson ID, Oestergaard VH, Mankouri HW, Sung P, Lisby M. The ZGRF1 helicase promotes recombinational repair of replication-blocking DNA damage in human cells. *Cell Rep*. 32:107849, 2020.

Castro-Mejía JL, Khakimov B, Krych Ł, Bülow J, Bechshøft RL, Højfeldt G, Mertz KH, Garne ES, Schacht SR, Ahmad HF, Kot W, Hansen LH, Perez-Cueto FJA, Lind MV, Lassen AJ, Tetens I, Jensen T, Reitelseder S, Jespersen AP, Holm L, Engelsen SB, Nielsen DS. Physical fitness in community-dwelling older adults is linked to dietary intake, gut microbiota, and metabolomic signatures. *Aging Cell*. 19(3):e13105, 2020.

Chang J, Garva R, Pickard A, Yeung CYC, Mallikarjun V, Swift J, Holmes DF, Calverley B, Lu Y, Adamson A, Raymond-Hayling H, Jensen O, Shearer T, Meng QJ, Kadler KE. Circadian control of the secretory pathway maintains collagen homeostasis. *Nat Cell Biol*. 22(1):74-86, 2020.

Chrøis KM, Dohlmann TL, Søgaard D, Hansen CV, Dela F, Helge JW, Larsen S. Mitochondrial adaptations to high intensity interval training in older females and males. *Eur J Sport Sci*. 20(1):135-145, 2020.

Clotworthy A. 'Hjemmearbejde': hvordan hverdagsrehabilitasjon i hjemmet påvirker ældre borgere ('Homework': how everyday rehabilitation in the home affects elderly citizens). In Glasdam S, Jacobsen FF (eds.): *Gerontologi – Når det aldrende menneske bliver sygt eller svækket*. Gad, p91-107. 2020.

Couppé C, Svensson RB, Josefsen CO, Kjeldgaard E, Magnusson SP. Ultrasound speckle tracking of Achilles tendon in individuals with unilateral tendinopathy: A pilot study. *Eur J Appl Physiol*. 120(3):579-589, 2020.

Courraud J, Quist JS, Kontopodi E, Blomberg Jensen M, Bjerrum PJ, Helge JW, Munch-Andersen Th, Sørensen K. Dietary habits, metabolic health, and vitamin D status in Greenlandic children. *Public Health Nutrition*. 23(5):904-913, 2020.

Covarrubias AJ, Kale A, Perrone R, Lopez-Dominguez JA, Pisco AO, Kasler HG, Schmidt MS, Heckenbach I, Kwok R, Wiley CD, Wong HS, Gibbs E, Iyer SS, Basisty N, Wu Q, Kim IJ, Silva E, Vitangcol K, Shin KO, Lee YM, Riley R, Ben-Sahra I, Ott M, Schilling B, Scheibye-Knudsen M, Ishihara K, Quake SR, Newman J, Brenner C, Campisi J, Verdin E. Senescent cells promote tissue NAD<sup>+</sup> decline during ageing via the activation of CD38<sup>+</sup> macrophages. *Nat Metab*. 2:1265-1283, 2020.

Cunnane SC, Trushina E, Morland C, Prigione A, Casadesus G, Andrews ZB, Beal MF, Bergersen LH, Brinton RD, de la Monte S, Eckert A, Harvey J, Jeggo R, Jhamandas JH, Kann O, la Cour CM, Martin WF, Mithieux G, Moreira PI, Murphy MP, Nave KA, Nuriel T, Oliet SHR, Saudou F, Mattson MP, Swerdlow RH, Millan MJ. Brain energy rescue: An emerging therapeutic concept for neurodegenerative disorders of ageing. *Nat Rev Drug Discov*. 19:609-633, 2020.

Dahlqvist M, Thomsen K, Postnov D, Lauritzen M. Modification of oxygen consumption and blood flow in mouse somatosensory cortex by cell-type-specific neuronal activity. *J Cereb Blood Flow Metab*. 40(10):2010-2025, 2020.

Dan X, Babbar M, Moore A, Wechter N, Tian J, Mohanty JG, Croteau DL, Bohr VA. DNA damage invokes mitophagy through a pathway involving Spata18. *Nucleic Acids Res*. 48(12):6611-6623, 2020.

de Montmollin M, Feller M, Beglinger S, McConnachie A, Aujesky D, Collet TH, Ford I, Gussekloo J, Kearney PM, McCarthy VJC, Mooijaart S, Poortvliet RKE, Quinn T, Stott DJ, Watt T, Westendorp R, Rodondi N, Bauer DC. L-thyroxine therapy for older adults with subclinical hypothyroidism and hypothyroid symptoms: Secondary analysis of a randomized trial. *Ann Intern Med*. 172(11):709-716. 2020.

de Sousa MV, Brito J, Mohr M, Nassis GP, Helge JW, Pettersen SA, Andersen TR, Krstrup P. Football as medicine against type 2 diabetes and metabolic syndrome. In: Krstrup P, Parnell D (eds), *Football as medicine: Prescribing Football for Global Health Promotion*. Series: Critical Research in Football. Routledge, London, pp. 25-40, 2020.

Di Guida S, Kirchsteiger G, Lenaerts T. Endogenous group formation and its impact on cooperation and surplus allocation-an experimental analysis. *Discuss Pap Bus Econ*. 8, 2020.

Dideriksen K, Reitelseder S, Agergaard J, Boesen AP, Aas SN, Raastad T, Holm L. Muscle protein breakdown is impaired during immobilization compared to during a subsequent retraining period in older men: No effect of anti-inflammatory medication. *Pflugers Arch.* 472(2):281-292, 2020.

Dollerup OL, Chubanava S, Agerholm M, Søndergård SD, Altintas A, Moller AB, Høyer KF, Ringgaard S, Stødkilde-Jørgensen H, Lavery GG, Barrès R, Larsen S, Prats C, Jessen N, Treebak JT. Nicotinamide riboside does not alter mitochondrial respiration, content or morphology in skeletal muscle from obese and insulin-resistant men. *J Physiol.* 598:731-754, 2020.

Domellöf EM, Walton L, Boraxbekk CJ, Bäckström D, Josefsson M, Forsgren L, Stigsdotter Neely A. Evaluating a frontostriatal working-memory updating-training paradigm in Parkinson's disease: The iPARK trial, a double-blinded randomized controlled trial. *BMC Neurol.* 20(1):337, 2020.

Drost M, Tiersma Y, Glubb D, Kathe S, van Hees S, Calléja F, Zonneveld JBM, Boucher KM, Ramlal RPE, Thompson BA, Rasmussen LJ, Greenblatt MS, Lee A, Spurdle AB, Tavtigian SV, de Wind N. Two integrated and highly predictive functional analysis-based procedures for the classification of MSH6 variants in Lynch syndrome. *Genet Med.* 22(5):847-856, 2020.

du Mee DJM, Bak M, Østergaard E, Rasmussen LJ. Mitochondrial dysfunction induced by variation in the non-coding genome – A proposed workflow to improve diagnostics. *Mitochondrion.* 53:255-259, 2020.

Duan S, Han X, Akbari M, Croteau DL, Rasmussen LJ, Bohr VA. Interaction between RECQL4 and OGG1 promotes repair of oxidative base lesion 8-oxoG and is regulated by SIRT1 deacetylase. *Nucleic Acids Res.* 48(12):6530-6546, 2020.

Durhuus JA, Hansson S, Morville T, Kuhlman AB, Dohlmann TL, Larsen S, Helge JW, Angleys M, Muniesa-Vargas A, Bundgaard JR, Hickson ID, Dela F, Desler C, Rasmussen LJ. Simvastatin improves mitochondrial respiration in peripheral blood cells. *Sci Rep.* 10:17012, 2020.

Falco P, Zaccagni S. Promoting social distancing in a pandemic: Beyond the good intentions. OSF Preprints a2nys, Center for Open Science, 2020.

Fenoll AA, Coda-Moscarola F, Zaccagni S. Mathematics camps: A gift for gifted students? CERP Working Paper 198/20, 2020.

Fontana D, Mauri M, Renso R, Docci M, Crespiatico I, Rost LM, Jang M, Niro A, Dáliberti D, Massimino L, Bertagna M, Zambrotta G, Bossi M, Citterio S, Crescenzi B, fanelli F, Cassina V, Corti R, Salerno D, Nardo L, Chinello C, Mantegazza F, Mecucci C, Magni F, Cavaletti G, Bruheim P, Rea D, Larsen S, Gambacorti-Passerini C, Piazza R. ETNK1 mutations induce a mutator phenotype that can be reverted with phosphoethanolamine. *Nat Commun.* 11(1):5938, 2020.

Foverskov E, Glymour MM, Mortensen EL, Osler M, Okholm GT, Lund R. Education and adolescent cognitive ability as predictors of dementia in a cohort of Danish men. *PLoS One.* 15(8):0235781, 2020.

Foverskov E, Petersen GL, Pedersen JLM, Rod NH, Mortensen EL, Bruunsgaard H, Lund R. Economic hardship over twenty-two consecutive years of adult life and markers of early ageing: Physical capability, cognitive function and inflammation. *Eur J Ageing.* 17:55-67, 2020.

Frandsen J, Amaro-Gahete F, Pistoljevic N, Prats Quesada J, Larsen S, Dela F, Helge JW. Reply to Dutheil et al. *J Appl Physiol* (1985). 129(1):2, 2020.

Frandsen J, Beck T, Haugaard Langkilde C, Larsen S, Dela F, Helge JW. The training induced increase in whole-body peak fat oxidation rate may be abolished with aging. *Eur J Sport Sci.* Feb 9:1-8, 2020.

- Frandsen J, Pistoljevic N, Prats Quesada J, Amaro-Gahete FJ, Ritz C, Larsen S, Dela F, Helge JW. Menstrual cycle phase does not affect whole-body peak fat oxidation rate during a graded exercise test. *J Appl Physiol* (1985). 128(3):681-687.
- Fristrup B, Krstrup P, Andersen JL, Hornstrup T, Løwenstein FT, Larsen MA, Helge JW, Póvoas SCA, Aagaard P. Effects of small-sided recreational team handball training on mechanical muscle function, body composition and bone mineralization in untrained young adults-A randomized controlled trial. *PLoS One*. 15(11):e0241359, 2020.
- Garribba L, Bjerregaard VA, Gonçalves Dinis MM, Özer Ö, Wu W, Sakellariou D, Pena-Diaz J, Hickson ID, Liu Y. Folate stress induces SLX1- and RAD51-dependent mitotic DNA synthesis at the fragile X locus in human cells. *Proc Natl Acad Sci USA*. 117:16527-16536, 2020.
- Gavelin HM, Neely AS, Dunås T, Eskilsson T, Järvholt LS, Boraxbekk CJ. Mental fatigue in stress-related exhaustion disorder: structural brain correlates, clinical characteristics and relations with cognitive functioning. *Neuroimage Clin*. 27:102337, 2020.
- Gencer B, Moutzouri E, Blum MR, Feller M, Collet TH, Delgiovane C, da Costa BR, Buffel E, Monney P, Gabus V, Müller H, Sykiotis GP, Kearney P, Gussekloo J, Westendorp R, Stott DJ, Bauer DC, Rodondi N. The impact of levothyroxine on cardiac function in older adults with mild subclinical hypothyroidism: A randomized clinical trial. *Am J Med*. 133(7):848-856.e5, 2020.
- Gerhards L, Gravert C. Because of you I did not give up: Peer effects in perseverance. *J Econ Psychol*. 81:102316, 2020.
- Ghaziani E, Couppé C, Siersma V, Christensen H, Magnusson SP, Sunnerhagen KS, Persson HC, Murphy MA. Easily conducted tests during the first week post-stroke can aid the prediction of arm functioning at 6 months. *Front Neurol*. 10:1371, 2020.
- Gonzalez Rodriguez E, Stuber M, Del Giovane C, Feller M, Collet TH, Löwe AL, Blum MR, van Vliet NA, van Heemst D, Kearney PM, Gussekloo J, Mooijaart S, Westendorp RGJ, Stott DJ, Aeberli D, Bauer DC, Hans D, Rodondi N. Skeletal Effects of Levothyroxine for Subclinical Hypothyroidism in Older Adults: A TRUST Randomized Trial Nested Study. *J Clin Endocrinol Metab*. 105(1):dgz058, 2020.
- Gravert C, Thornfeldt Sørensen K. Gender differences in submission strategies? A survey of early-career economists. CEBI working paper series 20-22, University of Copenhagen. Department of Economics. The Center for Economic Behavior and Inequality (CEBI) 2020.
- Gravert C, Barron K, Damgaard MT, Norrgren L. Time preferences and medication adherence: A field experiment with pregnant women in South Africa. CEBI working paper series 20-29, University of Copenhagen. Department of Economics. The Center for Economic Behavior and Inequality (CEBI), 2020.
- Greenhaff PL, Mallinson J, Dela F. The role of muscle protein and energy metabolism in statin-associated muscle symptoms. In: Thompson P, Taylor B (eds) *Statin-Associated Muscle Symptoms. Contemporary Cardiology*. Springer, Cham, pp. 113-120, 2020.
- Greibe E, Reitelseder S, Bechshøft RL, Bülow J, Højfeldt GW, Schacht SR, Knudsen ML, Tetens I, Ostenfeld MS, Mikkelsen UR, Heegaard CW, Nexo E, Holm L. Effects of prolonged whey protein supplementation and resistance training on biomarkers of vitamin B12 status: A 1-year randomized intervention in healthy older adults (the CALM study). *Nutrients*. 12(7): 2015, 2020.
- Grubb S, Cai C, Hald BO, Khennouf L, Fordsmann J, Murmu R, Jensen AKG, Zambach S, Lauritzen M. Precapillary sphincters maintain perfusion in the cerebral cortex in health and constrict in a migraine model. *Nat Commun*. 11(1):395, 2020.

Grünenberg K, Hillersdal L, Winther J. Skærmbesøg: Det sundhedsfaglige blik i en Coronatid. [On screen-visit: A health professional view on the Covid-19]. *Tidsskrift for Forskning i Sygdom og Samfund*. 33:189-195, 2020.

Grünenberg K, Hillersdal L, Winther J. Window work: Framing eldercare in the age of COVID-19. Blog series: The Age of COVID-19. *Somatosphere*, 22 December 2020.

Grünenberg K, Møhl P, Olwig KF, Simonsen A. IDentities and identity. Biometric technologies, borders and migration. Møhl, P. and K. Grünenberg (eds). Introduction to special issue. *Ethnos J Anthropol*, 2020.

Gylling AT, Bloch-Ibenfeldt M, Eriksen CS, Ziegler AK, Wimmelmann CL, Baekgaard M, Boraxbekk CJ, Siebner HR, Mortensen EL, Kjaer M. Maintenance of muscle strength following a one-year resistance training program in older adults. *Exp Gerontol*. 139:111049, 2020.

Gylling AT, Eriksen CS, Garde E, Wimmelmann CL, Reislev NL, Bieler T, Ziegler AK, Andersen KW, Bauer C, Dideriksen K, Baekgaard M, Mertz KH, Bayer ML, Bloch-Ibenfeldt M, Boraxbekk CJ, Siebner HR, Mortensen EL, Kjaer M. The influence of prolonged strength training upon muscle and fat in healthy and chronically diseased older adults. *Exp Gerontol*. 136: 110939, 2020.

Habich A, Fehér KD, Antonenko D, Boraxbekk CJ, Flöel A, Nissen C, Siebner HR, Thielscher A, Klöppel S. Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. *Psychiatry Res Neuroimaging*. 306:111179, 2020.

Hadzic A, Nguyen TD, Hosoyamada M, Tomioka NH, Bergersen LH, Storm-Mathisen J, Morland C. The lactate receptor HCA<sub>1</sub> is present in the choroid plexus, the tela choroidea, and the neuroepithelial lining of the dorsal part of the third ventricle. *Int J Mol Sci*. 21:6457, 2020.

Hansen AV, Mortensen LH, Trompet S, Westendorp R. Health care expenditure in the last five years of life is driven by morbidity, not age: A national study of spending trajectories in Danish decedents over age 65. *PLoS One*. 15(12):e0244061, 2020.

Hansen SK, Ratzer J, Nielsen JL, Suetta C, Karlsen A, Kvorning T, Frandsen U, Aagaard P. Effects of alternating blood flow restricted training and heavy-load resistance training on myofiber morphology and mechanical muscle function. *J Appl Physiol (1985)*. 128(6):1523-1532, 2020.

Harpelunde Poulsen K, Nielsen JE, Grønkær Toft B, Joensen UN, Rasmussen LJ, Blomberg Jensen M, Mitchell RT, Juul A, Rajpert-De Meyts E, Jørgensen A. Influence of Nodal signalling on pluripotency factor expression, tumour cell proliferation and cisplatin-sensitivity in testicular germ cell tumours. *BMC Cancer*. 20:349, 2020.

Haugen ØP, Vallenari EM, Belhaj I, Småstuen MC, Storm-Mathisen J, Bergersen LH, Åmellem I. Blood lactate dynamics in awake and anaesthetized mice after intraperitoneal and subcutaneous injections of lactate-sex matters. *PeerJ*. 8:e8328, 2020.

Herchenhan A, Dietrich-Zagonel F, Schjerling P, Kjaer M, Eliasson P. Early growth response genes increases rapidly after mechanical overloading and unloading in tendon constructs. *J Orthop Res*. 38(1):173-181, 2020.

Hillersdal L, Jespersen AP, Oxlund B, Bruun B. Affects and effects in two interdisciplinary projects on obesity and cholesterol lowering medicine at the University of Copenhagen. *Science Tech Stud*. 33(2):66-82, 2020.

Hingst JR, Kjøbsted R, Birk JB, Jørgensen NO, Larsen MR, Kido K, Larsen JK, Kjeldsen SAS, Fentz J, Frøsig C, Holm S, Fritzen AM, Dohlmann TL, Larsen S, Foretz M, Viollet B, Schjerling P, Overby P, Halling JF, Pilegaard H, Hellsten Y, Wojtaszewski JFP. Inducible deletion of skeletal muscle AMPK $\alpha$  reveals that AMPK is required for nucleotide balance but dispensable for muscle glucose uptake and fat oxidation during exercise. *Mol Metab*. 40:101028, 2020.

Højfeldt G, Bülow J, Agergaard J, Asmar A, Schjerling P, Simonsen L, Bülow J, van Hall G, Holm L. Impact of habituated dietary protein intake on fasting and postprandial whole-body protein turnover and splanchnic amino acid metabolism in elderly men: A randomized, controlled, crossover trial. *Am J Clin Nutr.* 112(6):1468-1484, 2020.

Højfeldt G, Nishimura Y, Mertz K, Schacht SR, Lindberg J, Jensen M, Hjulmand M, Lind MV, Jensen T, Jespersen AP, Reitelseder S, Tetens I, Holm L. Daily protein and energy intake are not associated with muscle mass and physical function in healthy older individuals-a cross-sectional study. *Nutrients.* 12(9):2794, 2020.

Hornstrup T, Póvoas S, Helge JW, Melcher PS, Fristrup B, Andersen JL, Møgelvang R, Hansen PR, Nybo L, Krstrup P. Cardiovascular and metabolic health effects of team handball training in overweight women: Impact of prior experience. *Scand J Med Sci Sports.* 30(2):281-294, 2020.

Hornstrup T, Póvoas S, Wulff Helge J, Sandfeld Melcher P, Fristrup B, Løvind Andersen J, Møgelvang R, Riis Hansen P, Nybo L, Krstrup P. Cardiovascular and metabolic health effects of team handball training in overweight women: Impact of prior experience. *Scand J Med Sci Sports.* 30(2):281-294, 2020.

Husted K, Dandanell S, Petersen J, Dela F, Wulff Helge J. The effectiveness of body age-based intervention in workplace health promotion: Results of a cohort study on 9851 Danish employees. *PLoS One.* 15(9):e0239337, 2020.

Husted K, Fogelstrøm M, Hulst P, Brink-Kjær A, Henneberg K-Å, Sørensen HBD, Dela F, Helge JW. A biological age model designed for health promotion interventions: Protocol for an interdisciplinary study for model development. *JMIR Res Protoc.* 9:e19209, 2020.

Ishtiaq-Ahmed K, Hansen AM, Mortensen EL, Garde AH, Grynderup MB, Gyntelberg F, Islamoska S, Lund R, Phung TKT, Waldemar G, Nabe-Nielsen K. Does midlife forgetfulness influence positive and negative aspects of social relations at work? Results from the Danish Working Environment Cohort Study. *J Occup Environ Med.* 62(9):738-745, 2020.

Jensen AN, Bonnén KB, Kristiansen M. "We don't talk about his heart": Narrative sense-making and long-term readjustment among older out-of-hospital cardiac arrest survivors and their spouses. *Resusc Plus.* 3:100024, 2020.

Jensen KK, Oma E, Kjaer M, Jørgensen LN, Andersen JL. Histology and function of the rectus abdominis muscle in patients with incisional hernia. *J Surg Res.* 253:245-251, 2020.

Jensen SM, Bechshøft CJL, Heisterberg MF, Schjerling P, Andersen JL, Kjaer M, Mackey AL. Macrophage subpopulations and the acute inflammatory response of elderly human skeletal muscle to physiological resistance exercise. *Front Physiol.* 11:811, 2020.

Jespersen NR, Hjortbak MV, Lassen TR, Støttrup NB, Johnsen J, Tonnesen PT, Larsen S, Kimose HH, Bøtker HE. Cardioprotective effect of succinate dehydrogenase inhibition in rat hearts and human myocardium with and without diabetes mellitus. *Sci Rep.* 10(1):10344, 2020.

Johannsen F, Konradsen L, Herzog R, Krosgaard MR. Endoscopic fasciotomy for plantar fasciitis provides superior results when compared to a controlled non-operative treatment protocol: A randomized controlled trial. *Knee Surg Sports Traumatol Arthrosc.* 28(10):3301-3308, 2020.

Jørgensen AEM, Schjerling P, Krosgaard MR, Petersen MM, Olsen J, Kjær M, Heinemeier KM. Collagen growth pattern in human articular cartilage of the knee. *Cartilage.* 1947603520971016, 2020.

Jørgensen JT, Hansen J, Westendorp RGJ, Nabe-Nielsen K, Stayner LT, Simonsen MK, Andersen ZJ. Shift work and incidence of dementia: A Danish Nurse Cohort study. *Alzheimers Dement.* 16(9):1268-1279, 2020.

Jørgensen JT, Schernhammer E, Papantoniou K, Hansen J, Westendorp RGJ, Stayner L, Simonsen MK, Andersen ZJ. Night work and incidence of Parkinson's disease in the Danish Nurse Cohort. *Occup Environ Med.* oemed-2020-107067. E-pub ahead of print, 2020.

Jørgensen TSH, Allore H, Elman MR, Nagel C, Zhang M, Markwardt S, Quiñones AR. Annual wellness visits and influenza vaccinations among older adults in the US. *J Prim Care Community Health.* 11: 2150132720962870, 2020.

Jørgensen TSH, Okholm GT, Christensen K, Sørensen TI, Osler M. Body height in young adult men and risk of dementia later in adult life. *eLife.* 9:e51168, 2020.

Jørgensen TSH, Siersma V, Lund R, Nilsson CJ. Mortality following trajectories of mobility limitations: The modifying impact of social factors. *J Aging Health.* 32(3-4):134-142, 2020.

Karlsen A, Cullum CK, Norheim KL, Scheel FU, Zinglersen AH, Vahlgren J, Schjerling P, Kjaer M, Mackey AL. Neuromuscular electrical stimulation preserves leg lean mass in geriatric patients. *Med Sci Sports Exerc.* 52(4):773-784, 2020.

Karlsen A, Mackey AL, Suetta C, Kjaer M. What is the impact of acute inflammation on muscle performance in geriatric patients? *Exp Gerontol.* 138:111008, 2020.

Karlsen A, Soendenbroe C, Malmgaard-Clausen NM, Wagener F, Moeller CE, Senhaji Z, Damberg K, Andersen JL, Schjerling P, Kjaer M, Mackey AL. Preserved capacity for satellite cell proliferation, regeneration, and hypertrophy in the skeletal muscle of healthy elderly men. *FASEB J.* 34(5):6418-6436, 2020.

Kilen A, Bay J, Bejder J, Andersen AB, Bonne TC, Larsen PD, Carlsen A, Egelund J, Nybo L, Mackey AL, Olsen NV, Aachmann-Andersen NJ, Andersen JL, Nordsborg NB. Impact of low-volume concurrent strength training distribution on muscular adaptation. *J Sci Med Sport.* 23(10):999-1004, 2020.

Kjær BH, Juul-Kristensen B, Warming S, Magnusson SP, Krogsbaard MR, Boyle E, Henriksen M. Associations between shoulder symptoms and concomitant pathology in patients with traumatic supraspinatus tears. *JSES Int.* 4(1):85-90, 2020.

Kjaer M. COVID-19 and sports medicine research. *Transl Sports Med.* 3(4):287, 2020.

Kjaer Marie, Russell W, Schjerling P, Cottarelli E, Christjansen KN, Olsen DMG, Krarup PM, Jessen L, Berner-Hansen M, Jorgensen LN, Ågren MS. Glucagon-like peptide-2 analogue ZP1849 augments colonic anastomotic wound healing. *Gastroenterol Res Pract.* 2020:8460508, 2020.

Kristensen M, Kucharz K, Felipe Alves Fernandes E, Strømgaard K, Schallburg Nielsen M, Cederberg Helms HC, Bach A, Ulrikaholm Tofte-Hansen M, Irene Aldana Garcia B, Lauritzen M, Brodin B. Conjugation of therapeutic PSD-95 inhibitors to the cell-penetrating peptide Tat affects blood-brain barrier adherence, uptake, and permeation. *Pharmaceutics.* 12(7):E661, 2020.

Laitila JM, McNamara EL, Wingate CD, Goullee H, Ross JA, Taylor RL, van der Pijl R, Griffiths LM, Harries R, Ravenscroft G, Clayton JS, Sewry C, Lawlor MW, Ottenheim CAC, Bakker AJ, Ochala J, Laing NG, Wallgren-Pettersson C, Pelin K, Nowak KJ. Nebulin nemaline myopathy recapitulated in a compound heterozygous mouse model with both a missense and a nonsense mutation in Neb. *Acta Neuropathol Commun.* 8(1):18, 2020.

Larsen RT, Turcotte LA, Westendorp R, Langberg H, Hirdes JP. Frailty index status of canadian home care clients improves with exercise therapy and declines in the presence of polypharmacy. *J Am Med Dir Assoc.* 21(6):766-771.e1, 2020.

Lassen AJ, Mertz K, Holm L, Jespersen AP. Retirement rhythms: Retirees' management of time and activities in Denmark. *Societies (Basel).* 10:68, 2020.

Lee JH, Kim EW, Croteau DL, Bohr VA. Heterochromatin: An epigenetic point of view in aging. *Exp Mol Med.* 52(9):1466-1474, 2020.

Li Z, Rasmussen LJ. TIP60 in aging and neurodegeneration. *Ageing Res Rev.* 64:101195, 2020.

Lind A, Boraxbekk CJ, Petersen ET, Paulson OB, Siebner HR, Marsman A. Regional myo-inositol, creatine, and choline levels are higher at older age and scale negatively with visuospatial working memory: A cross-sectional proton MR spectroscopy study at 7 Tesla on normal cognitive ageing. *J Neurosci.* 40(42):8149-8159, 2020.

Lou G, Palikaras K, Lautrup S, Scheibye-Knudsen M, Tavernarakis N, Fang EF. Mitophagy and Neuroprotection. *Trends Mol Med.* 26:8-20, 2020.

Macheret M, Bhowmick R, Sobkowiak K, Padayachy L, Mailler J, Hickson ID, Halazonetis TD. High-resolution mapping of mitotic DNA synthesis regions and common fragile sites in the human genome through direct sequencing. *Cell Res.* 30:997-1008, 2020.

Magnusson SP, Agergaard AS, Couppé C, Svensson RB, Warming S, Krogsbaard MR, Kjaer M, Eliasson P. Heterotopic ossification after an Achilles tendon rupture cannot be prevented by early functional rehabilitation: A cohort study. *Clin Orthop Relat Res.* 478(5):1101-1108, 2020.

Mendham AE, Larsen S, George C, Adams K, Hauksson J, Olsson T, Fortuin-de Smidt MC, Nono Nankam PA, Hakim O, Goff LM, Pheiffer C, Goedecke J. Exercise training results in depot-specific adaptations to adipose tissue mitochondrial function. *Sci Rep.* 10:3785, 2020.

Mkrtyan GV, Abdelmohsen K, Andreux P, Bagdonaitė I, Barzilai N, Brunak S, Cabreiro F, de Cabo R, Campisi J, Cuervo AM, Demaria M, Ewald CY, Fang EF, Faragher R, Ferrucci L, Freund A, Silva-García CG, Georgievskaya A, Gladyshev VN, Glass DJ, Gorbunova V, de Grey A, He WW, Hoeijmakers J, Hoffmann E, Horvath S, Houtkooper RH, Jensen MK, Jensen MB, Kane A, Kassem M, de Keizer P, Kennedy B, Karsenty G, Lamming DW, Lee KF, MacAulay N, Mamoshina P, Mellon J, Molenaars M, Moskalev A, Mund A, Niedernhofer L, Osborne B, Pak HH, Parkhitko A, Raimundo N, Rando TA, Rasmussen LJ, Reis C, Riedel CG, Franco-Romero A, Schumacher B, Sinclair DA, Suh Y, Taub PR, Toiber D, Treebak JT, Valenzano DR, Verdin E, Vijg J, Young S, Zhang L, Bakula D, Zhavoronkov A, Scheibye-Knudsen M. ARDD 2020: From aging mechanisms to interventions. *Aging (Albany NY).* 12:24484-24503, 2020.

Møller LLV, Jaurji M, Kjøbsted R, Joseph GA, Madsen AB, Knudsen JR, Lundsgaard AM, Andersen NR, Schjerling P, Jensen TE, Krauss RS, Richter EA, Sylow L. Insulin-stimulated glucose uptake partly relies on p21-activated kinase (PAK)2, but not PAK1, in mouse skeletal muscle. *J Physiol.* 598(23):5351-5377, 2020.

Møller SH, Mellergaard M, Madsen M, Bermejo AV, Jepsen SD, Hansen MH, Høgh RI, Aldana BI, Desler C, Rasmussen LJ, Sustarsic EG, Gerhart-Hines Z, Daskalaki E, Wheelock CE, Hiron TK, Lin D, O'Callaghan CA, Wandall HH, Andresen L, Skov S. Cytoplasmic citrate flux modulates the immune stimulatory NKG2D ligand MICA in cancer cells. *Front Immunol.* 11:1968, 2020.

Montagna C, Cirotti C, Rizza S, Filomeni G. When S-nitrosylation gets to mitochondria: From signaling to age-related diseases. *Antioxid Redox Signal.* 32(12):884-905, 2020.

Morville T, Sahl RE, Moritz T, Helge JW, Clemmensen C. Plasma metabolome profiling of resistance exercise and endurance exercise in humans. *Cell Rep.* 33(13):108554, 2020.

Muñoz XM, Kretz C, Silva-Rojas R, Ochala J, Menuet A, Romero NB, Cowling BS, Laporte J. Physiological impact and disease reversion for the severe form of centronuclear myopathy linked to dynamin. *JCI Insight.* 5(18):e137899, 2020.

Navarro JF, Croteau DL, Jurek A, Andrusivova Z, Yang B, Wang Y, Ogedegbe B, Riaz T, Støen M, Desler C, Rasmussen LJ, Tønjum T, Galas MC, Lundeberg J, Bohr VA. Spatial transcriptomics reveals genes associated

with dysregulated mitochondrial functions and stress signaling in Alzheimer disease. *iScience*. 23(10):101556, 2020.

Nicolaisen TS, Klein AB, Dmytryeva O, Lund J, Ingerslev LR, Fritzen AM, Carl CS, Lundsgaard AM, Frost M, Ma T, Schjerling P, Gerhart-Hines Z, Flamant F, Gauthier K, Larsen S, Richter EA, Kiens B, Clemmensen C. Thyroid hormone receptor alpha in skeletal muscle is essential for T3-mediated increase in energy expenditure. *FASEB J*. 34(11):15480-15491, 2020.

Nielsen C, Siersma V, Ghaziani E, Beyer N, Magnusson SP, Couppé C. Health-related quality of life and physical function in individuals with Parkinson's disease after a multidisciplinary rehabilitation regimen-a prospective cohort feasibility study. *Int J Environ Res Public Health*. 17(20):7668, 2020.

Nielsen KK, Dahl-Petersen IK, Jensen DM, Ovesen P, Damm P, Husted Jensen N, Thøgersen M, Timm A, Hillersdal L, Kampmann U, Vinter CA, Mathiesen ER, Maindal HT. Protocol for a randomised controlled trial of a co-produced, complex health promotion intervention for women with prior gestational diabetes and their families: The Face-it study. *Trials*. 21(1):146, 2020.

Nielsen RM, Urdanibia-Centelles O, Vedel-Larsen E, Thomsen KJ, Møller K, Olsen KS, Lauritsen AØ, Eddelien HS, Lauritzen M, Benedek K. Continuous EEG monitoring in a consecutive patient cohort with sepsis and delirium. *Neurocrit Care*. 32:121-130, 2020.

Nilsson CJ, Nørgaard S, Foverskov E, Bruunsgaard H, Andersen PK, Lund R. Positive and negative aspects of social relations and low-grade inflammation in Copenhagen Aging and Midlife Biobank. *Eur J Ageing*. 17(4):531-546, 2020.

Nuckolls GH, Kinnett K, Dayanidhi S, Domenighetti AA, Duong T, Hathout Y, Lawlor MW, Lee SSM, Magnusson SP, McDonald CM, McNally EM, Miller NF, Olwin BB, Raghavan P, Roberts TJ, Rutkove SB, Sarwark JF, Senesac CR, Vogel LF, Walter GA, Willcocks RJ, Rymer WZ, Lieber RL. Conference report on contractures in musculoskeletal and neurological conditions. *Muscle Nerve*. 61(6):740-744, 2020.

Nyberg L, Boraxbekk CJ, Sörman DE, Hansson P, Herlitz A, Kauppi K, Ljungberg JK, Lövheim H, Lundquist A, Adolfsson AN, Oudin A, Pudas S, Rönnlund M, Stiernstedt M, Sundström A, Adolfsson R. Biological and environmental predictors of heterogeneity in neurocognitive ageing: evidence from Betula and other longitudinal studies. *Ageing Res Rev*. 64:10184, 2020.

Okur M, Fang EF, Fivenson EM, Tiwari V, Croteau DL, Bohr VA. Cockayne syndrome proteins CSA and CSB maintain mitochondrial homeostasis through NAD<sup>+</sup> signaling. *Aging Cell*. 19(12):e13268, 2020.

Okur MN, Lee JH, Osmani W, Kimura R, Demarest TG, Croteau DL, Bohr VA. Cockayne syndrome group A and B proteins function in rRNA transcription through nucleolin regulation. *Nucleic Acids Res*. 48(5):2473-2485, 2020.

Okur MN, Mao B, Kimura R, Haraczy S, Fitzgerald T, Hollingsworth K, Tian J, Osmani W, Croteau DL, Kelley MW, Bohr VA. Short-term NAD<sup>+</sup> supplementation prevents hearing loss in mouse models of Cockayne syndrome. *NPJ Aging Mech Dis*. 6:1, 2020.

Osborne B, Bakula D, Ben Ezra M, Dresen C, Hartmann E, Kristensen SM, Mkrtchyan GV, Nielsen MH, Petr MA, Scheibye-Knudsen M. New methodologies in ageing research. *Ageing Res Rev*. 62:101094, 2020.

Palleesen AVJ, Herrstedt J, Westendorp RGJ, Mortensen LH, Kristiansen M. Do we know the effects of colorectal cancer screening? A short communication on selective uptake and differential effects of colorectal cancer screening in Scandinavia. *Scand J Public Health*. 1403494820960641, 2020.

Pedersen DC, Meyle KD, Ängquist L, Andersen I, Tjønneland A, Linneberg A, Osler M, Mortensen EL, Gyntelberg F, Lund R, Aarestrup J, Baker JL. Changes and correlations in height from 7 to 69 years of age across the birth years of 1930 to 1989. *Am J Hum Biol*. 2(4):e23378, 2020.

Petr MA, Tulika T, Carmona-Marin LM, Scheibye-Knudsen M. Protecting the Aging Genome. *Trends Cell Biol.* 30:117-132, 2020.

Reitelseder S, Tranberg B, Agergaard J, Dideriksen K, Højfeldt G, Merry ME, Storm AC, Poulsen KR, Hansen ET, van Hall G, Lund P, Holm L. Phenylalanine stable isotope tracer labeling of cow milk and meat and human experimental applications to study dietary protein-derived amino acid availability. *Clin Nutr.* 39(12):3652-3662, 2020.

Richard N, Nikolic M, Mortensen EL, Osler M, Lauritzen M, Benedek K. Steady-state visual evoked potential temporal dynamics reveal correlates of cognitive decline. *Clin Neurophysiol.* 131(4):836-846, 2020.

Rømer T, Thunestvedt Hansen M, Wulff Helge J. An analysis of the productivity and impact of clinical PhD theses from the University of Copenhagen between 2013 and 2017. *Dan Med J.* 67(5):A12190731, 2020.

Rømer T, Thunestvedt Hansen M, Frandsen J, Larsen S, Dela F, Wulff Helge JW. The relationship between peak fat oxidation and prolonged double-poling endurance exercise performance. *Scand J Med Sci Sports.* 30(11):2044-2056, 2020.

Rosenkrands HS, Kristiansen M, Lipczak A, Norredam M. Providing targeted healthcare services for immigrants with complex health needs. *Dan Med J.* 67(10):A03190160, 2020.

Rosenlund Lau S, Sahl Andersen J, Dela F, Oxlund B. Hvad kan vi lære af årtiers kolesteroldebat? *Månedsskrift for almen praksis* [What can we learn from decades debate about cholesterol?] 831-838, January 2020.

Ross JA, Tasfaout H, Levy Y, Morgan J, Cowling BS, Laporte J, Zanoteli E, Romero NB, Lowe DA, Jungbluth H, Lawlor MW, Mack DL, Ochala J. rAAV-related therapy fully rescues myonuclear and myofilament function in X-linked myotubular myopathy. *Acta Neuropathol Commun.* 8(1):167, 2020.

Rozing MP, Durhuus JA, Krogh Nielsen M, Subhi Y, Kirkwood TB, Westendorp RG, Sørensen TL. Age-related macular degeneration: A two-level model hypothesis. *Prog Retin Eye Res.* 76:100825, 2020.

Sandholdt CT, Cunningham J, Westendorp RGJ, Kristiansen M. Towards inclusive healthcare delivery: Potentials and challenges of human-centred design in health innovation processes to increase healthy aging. *Int J Environ Res Public Health.* 17(12):4551, 2020.

Sandholdt CT, Cunningham J, Westendorp RGJ, Kristiansen M. Towards inclusive healthcare delivery: Potentials and challenges of human-centred design in health innovation processes to increase healthy aging. *Int J Environ Res Public Health.* 17(12):4551, 2020.

Schaarup SO, Burgaard P, Johannsen FE. Surgical repair of complete plantar fascia ruptures in high-demand power athletes: An alternative treatment option. *J Foot Ankle Surg.* 59(1):195-200, 2020.

Scheibye-Knudsen M. A grand challenge in aging interventions: From mice to humans. *Front Aging.* 1:566651, 2020.

Scott A, Squier K, Alfredson H, Bahr R, Cook JL, Coombes B, de Vos RJ, Fu SN, Grimaldi A, Lewis JS, Maffulli N, Magnusson SP, Malliaras P, Mc Auliffe S, Oei EHG, Purdam CR, Rees JD, Rio EK, Silbernagel KG, Speed C, Weir A, Wolf JM, van den Akker-Scheek I, Vicenzino BT, Zwerver J. ICON 2019: International Scientific Tendinopathy Symposium consensus: Clinical terminology. *Br J Sports Med.* 54(5):260-262, 2020.

Skovlund SV, Aagaard P, Larsen P, Svensson RB, Kjaer M, Magnusson SP, Couppé C. The effect of low-load resistance training with blood flow restriction on chronic patellar tendinopathy – a case series. *Transl Sports Med.* 3(4):342-352, 2020.

- So R, Jørgensen JT, Lim YH, Mehta AJ, Amini H, Mortensen LH, Westendorp R, Ketzel M, Hertel O, Brandt J, Christensen JH, Geels C, Frohn LM, Sigsgaard T, Bräuner EV, Jensen SS, Backalarz C, Simonsen MK, Loft S, Cole-Hunter T, Andersen ZJ. Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. *Environ Int.* 143:105983, 2020.
- Soendenbroe C, Bechshøft CJL, Heisterberg MF, Jensen SM, Bomme E, Schjerling P, Karlsen A, Kjaer M, Andersen JL, Mackey AL. Key components of human myofibre denervation and neuromuscular junction stability are modulated by age and exercise. *Cells.* 9(4):893, 2020.
- Srivarathan A, Lund R, Christensen U, Kristiansen M. Social relations, community engagement and potentials: A qualitative study exploring resident engagement in a community-based health promotion intervention in a deprived social housing area. *Int J Environ Res Public Health.* 17(7):2341, 2020.
- Stuber MJ, Moutzouri E, Feller M, Del Giovane C, Bauer DC, Blum MR, Collet TH, Gussekloo J, Mooijaart SP, McCarthy VJC, Aujesky D, Westendorp R, Stott DJ, Glynn NW, Kearney PM, Rodondi N. Effect of thyroid hormone therapy on fatigability in older adults with subclinical hypothyroidism: A nested study within a randomized placebo-controlled trial. *J Gerontol A Biol Sci Med Sci.* 75(9):e89-e94, 2020.
- Thompson BA, Walters R, Parsons MT, Dumenil T, Drost M, Tiersma Y, Lindor NM, Tavtigian SV, de Wind N, Spurdle AB, and InSiGHT Variant Interpretation Committee. Contribution of mRNA splicing to mismatch repair gene sequence variant interpretation. *Front Genet.* 11:798, 2020.
- Tran PHT, Malmgaard-Clausen NM, Puggaard RS, Svensson RB, Nybing JD, Hansen P, Schjerling P, Zinglersen AH, Couppé C, Boesen M, Magnusson SP, Kjaer M. Early development of tendinopathy in humans: sequence of pathological changes in structure and tissue turnover signaling. *FASEB J.* 34(1):776-788, 2020.
- Tuttle CSL, Waaijer MEC, Slee-Valentijn MS, Stijnen T, Westendorp R, Maier AB. Cellular senescence and chronological age in various human tissues: A systematic review and meta-analysis. *Aging Cell.* 19(2):e13083, 2020.
- Tybjerg-Jeppesen A, Ladegaard YK, Munk AK, Jensen CG, Clotworthy A, Conway PM. Working paper: Ageism in the public debate: A study on the prevailing discourses on aging in the public debate in Denmark. *Ageing Soc.* 2020.
- Uth J, Fristrup B, Sørensen V, Wulff Helge E, Kjærgaard Christensen M, Boye Kjærgaard J, Kjeldgaard Møller T, Mohr M, Wulff Helge J, Rye Jørgensen N, Rørth M, Soelberg Vadstrup E, Krstrup P. Exercise intensity and cardiovascular health outcomes after 12 months of football fitness training in women treated for stage I-III breast cancer: Results from the football fitness After Breast Cancer (ABC) randomized controlled trial. *Prog Cardiovasc Dis.* 63(6):792-799, 2020.
- Våben C, Heinemeier KM, Schjerling P, Olsen J, Petersen MM, Kjaer M, Krogsgaard MR. No detectable remodelling in adult human menisci: An analysis based on the C<sup>14</sup> bomb pulse. *Br J Sports Med.* 54(23):1433-1437, 2020.
- van der Spoel E, Roelfsema F, Akintola AA, Jansen SW, Slagboom PE, Westendorp RGJ, Blauw GJ, Pijl H, van Heemst D. Interrelationships between pituitary hormones as assessed from 24-hour serum concentrations in healthy older subjects. *J Clin Endocrinol Metab.* 105(4):e1201-1214, 2020.
- Vicenzino B, de Vos RJ, Alfredson H, Bahr R, Cook JL, Coombes BK, Fu SN, Silbernagel KG, Grimaldi A, Lewis JS, Maffulli N, Magnusson SP, Malliaras P, Mc Auliffe S, Oei EHG, Purdam C, Rees JD, Rio EK, Scott A, Speed C, van den Akker-Scheek I, Weir A, Wolf JM, Zwerver J. ICON 2019-International Scientific Tendinopathy Symposium consensus: There are nine core health-related domains for tendinopathy (CORE DOMAINS): Delphi study of healthcare professionals and patients. *Br J Sports Med.* 54(8):444-451, 2020.

- Vind AC, Genzor AV, Bekker-Jensen S. Ribosomal stress-surveillance: Three pathways is a magic number. *Nucleic Acids Res.* 48:10648-10661, 2020.
- Vind AC, Snieckute G, Blasius M, Tiedje C, Krogh N, Bekker-Jensen DB, Andersen KL, Nordgaard C, Tollenaere MAX, Lund AH, Olsen JV, Nielsen H, Bekker-Jensen S. ZAKα recognizes stalled ribosomes through partially redundant sensor domains. *Mol Cell.* 78:700-713.e7, 2020.
- Wildisen L, Del Giovane C, Moutzouri E, Beglinger S, Syrogiannouli I, Collet TH, Cappola AR, Åsvold BO, Bakker SJL, Yeap BB, Almeida OP, Ceresini G, Dullaart RPF, Ferrucci L, Grabe H, Jukema JW, Nauck M, Trompet S, Völzke H, Westendorp R, Gussekloo J, Klöppel S, Aujesky D, Bauer D, Peeters R, Feller M, Rodondi N. An individual participant data analysis of prospective cohort studies on the association between subclinical thyroid dysfunction and depressive symptoms. *Sci Rep.* 10(1):19111, 2020.
- Winther J, Hillersdal L. Balancing Methodological Purity and Social Relevance: Monitoring Participant Compliance in a Behavioural RCT. *BioSocieties.* 15:555–579, 2020.
- Wu W, Bhowmick R, Özer Ö, Vogel I, Thakur RS, Richter PH, Ren L, Hickson ID, Liu Y. RTEL1 suppresses G-quadruplex-associated R-loops at difficult-to-replicate loci in the human genome. *Nat Struct Mol Biol.* 27:424-437, 2020.
- Xing M, Zhang F, Liao H, Chen S, Che L, Wang X, Bao Z, Ji F, Chen G, Zhang H, Li W, Chen Z, Liu Y, Hickson ID, Shen H, Ying S, Shen H, Ying S. Replication stress induces ATR/CHK1-dependent nonrandom segregation of damaged chromosomes. *Mol Cell.* 78(4):714-724.e5, 2020.
- Xu T, Magnusson Hanson LL, Clark AJ, Ersbøll AK, Westerlund H, Madsen IEH, Rugulies R, Pentti J, Stenholm S, Vahtera J, Sørensen JK, Nordentoft M, Westendorp RGJ, Hansen ÅM, Oksanen T, Virtanen M, Kivimäki M, Rod NH. Onset of workplace bullying and risk of weight gain: A multicohort longitudinal study. *Obesity (Silver Spring).* 28(11):2216-2223, 2020.
- Yeung CYC, Schoof EM, Tamáš M, Mackey AL, Kjaer M. Proteomics identifies differences in fibrotic potential of extracellular vesicles from human tendon and muscle fibroblasts. *Cell Commun Signal.* 18(1):177, 2020.
- Zarnani K, Smith SM, Alfaro-Almagro F, Fagerlund B, Lauritzen M, Rostrup E, Nichols TE. Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. *Aging (Albany NY).* 12(17):16709-16743, 2020.
- Zhang C, Couppé C, Scheijen JLJM, Schalkwijk CG, Kjaer M, Magnusson SP, Svensson RB. Regional collagen turnover and composition of the human patellar tendon. *J Appl Physiol (1985).* 128(4):884-891, 2020.
- Zhang C, Svensson RB, Couppé C, Schjerling P, Skovgaard D, Kjaer M, Magnusson SP. Regional differences in turnover, composition, and mechanics of the porcine flexor tendon. *Connect Tissue Res.* 61(5):475-484, 2020.
- Zhang C, Svensson RB, Montagna C, Carstensen H, Buhl R, Schoof EM, Kjaer M, Magnusson SP, Yeung CYC. Comparison of tenocyte populations from the core and periphery of equine tendons. *J Proteome Res.* 19(10):4137-4144, 2020.
- Zheng J, Akbari M, Schirmer C, Reynaert ML, Loyens A, Lefebvre B, Buée L, Croteau DL, Galas MC, Bohr VA. Hippocampal tau oligomerization early in tau pathology coincides with a transient alteration of mitochondrial homeostasis and DNA repair in a mouse model of tauopathy. *Acta Neuropathol Commun.* 8(1):25, 2020.
- Zutinic A, Blauw GJ, Pijl H, Ballieux BE, Westendorp RGJ, Roelfsema F, van Heemst D. Circulating thyroid hormone profile in response to a triiodothyronine challenge in familial longevity. *J Endocr Soc.* 4(10):bva117, 2020.

Zutinic A, Pijl H, Ballieux BE, Roelfsema F, Westendorp RGJ, Blauw GJ, van Heemst D. Familial longevity is associated with an attenuated thyroidal response to recombinant human thyroid stimulating hormone. *J Clin Endocrinol Metab.* 105(7):e2572-2580, 2020.

## 2021

Agergaard AS, Malmgaard-Clausen NM, Svensson RB, Nybing JD, Boesen M, Kjaer M, Magnusson SP, Hansen P. UTE T2\* mapping of tendinopathic patellar tendons: An MRI reproducibility study. *Acta Radiol.* 62(2):215-224, 2021.

Agergaard AS, Svensson RB, Hoeffner R, Hansen P, Couppe C, Kjaer M, Magnusson SP. Mechanical properties and UTE-T2\* in patellar tendinopathy: The effect of load magnitude in exercise-based treatment. *Scand J Med Sci Sports.* 31(10):1981-1990, 2021.

Agergaard AS, Svensson RB, Malmgaard-Clausen NM, Couppe C, Hjortshoej MH, Doessing S, Kjaer M, Magnusson SP. Clinical outcome, structure, and function improve with both heavy and moderate loads in the treatment of patellar tendinopathy: A randomized clinical trial. *Am J Sports Med.* 49(4):982-993, 2021.

Andersen ZJ, Cramer J, Jørgensen JT, Dehlendorff C, Amini H, Mehta A, Cole-Hunter T, Mortensen LH, Westendorp R, So R, Li S, Hoffmann B, Loft S, Bräuner EV, Ketzel M, Hertel O, Brandt J, Jensen SS, Christensen JH, Geels C, Frohn LM, Backalarz C, Simonsen MK, Lim YH. Long-term exposure to road traffic noise and air pollution, and incident atrial fibrillation in the Danish Nurse Cohort. *Environ Health Perspect,* 129(8):87002, 2021.

Azul AM, Almendra R, Quatorze M, Loureiro A, Reis F, Tavares R, Mota-Pinto A, Cunha A, Rama L, Malva JO, Santana P, Ramalho-Santos J, HealIQs4Cities consortium. Unhealthy lifestyles, environment, well-being and health capability in rural neighbourhoods: a community-based cross-sectional study. *BMC Public Health.* 21(1):1628, 2021.

Basse AL, Agerholm M, Farup J, Dalbram E, Nielsen J, Ørtenblad N, Altinas A, Krag T, Bruzzone S, Dall M, de Guia RM, Jensen JB, Møller AB, Karlsen A, Kjaer M, Barres R, Vissing J, Larsen S, Jessen N, Treebak JT. Nampt controls skeletal muscle development by maintaining Ca++ homeostasis and mitochondrial integrity. *Mol Metab.* 53:101271, 2021.

Bayer ML, Hoegberget-Kalitsz M, Svensson RB, Hjoertshoej MH, Olesen JL, Nybing JD, Boesen M, Magnusson SP, Kjaer M. Chronic sequelae after muscle strain injuries: Influence of heavy resistance training on functional and structural characteristics in a randomized controlled trial. *Am J Sports Med.* 49(10):2783-2794, 2021.

Bergien SO, Petersen C, Lynning M, Kristiansen M, Skovgaard L. "I need personal experiences or some sort of documentation": A qualitative study on where people with multiple sclerosis seek information on natural medicine and dietary supplements. *BMC Complementary Medicine and Therapies.* 21(1):213, 2021.

Berglund I, Vesterbekkmo EK, Retterstøl K, Anderssen SA, Fiatarone Singh MA, Helge JW, Lydersen S, Wisloff U, Stensvold D. The Long-term Effect of Different Exercise Intensities on High-Density Lipoprotein Cholesterol in Older Men and Women Using the Per Protocol Approach: The Generation 100 Study. *Mayo Clin Innov Qual Outcomes.* 5(5):859-871, 2021.

Bischof E, Scheibye-Knudsen M, Siow R, Moskalev A. Longevity Medicine – upskilling the physicians of tomorrow. *Lancet Longevity.* 2(4):e187-e188, 2021.

Bjerre-Bastos JJ, Nielsen HB, Andersen JR, Karsdal M, Bay-Jensen AC, Boesen M, Mackey AL, Byrjalsen I, Bihlet AR. Does moderate intensity impact exercise and non-impact exercise induce acute changes in

collagen biochemical markers related to osteoarthritis? – An exploratory randomized cross-over trial. *Osteoarthritis Cartilage.* 29(7):986-994, 2021.

Bjerre-Bastos JJ, Nielsen HB, Andersen JR, Karsdal M, Boesen M, Mackey AL, Byrjalsen I, Thudium CS, Bihlet AR. A biomarker perspective on the acute effect of exercise with and without impact on joint tissue turnover: An exploratory randomized cross-over study. *Eur J Appl Physiol.* 29(7):986-994, 2021.

Bloomquist K, Krustrup P, Fristrup B, Sørensen V, Helge JW, Helge EW, Vadstrup ES, Rørth M, Hayes SC, Uth J. Football Fitness ABC: Effects of Football Fitness training on lymphedema and upper-extremity function in women after treatment for breast cancer: a randomized trial. *Acta Oncologica.* 60(3):392-400, 2021.

Chen S, Pawelec G, Trompet S, Goldeck D, Mortensen LH, Slagboom PE, Christensen K, Gussekloo J, Kearney P, Buckley BM, Ford I, Jukema JW, Westendorp RGJ, Maier AB. Associations of cytomegalovirus infection with all-cause and cardiovascular mortality in multiple observational cohort studies of older adults. *J Infect Dis.* 223(2):238-246, 2021.

Cherbuin N, Iijima K, Kalula S, Malhotra R, Rasmussen LJ, Chan A, Lafortune L, Harper S, Zheng X, Lindeman D, Walsh E, Hussain R, Burns R, Kristiansen M, Sugawara I, Son B, Tanaka T, Buckner S, Hoffman J, Combrinck M. Societal need for interdisciplinary ageing research: An International Alliance of Research Universities “Ageing, Longevity and Health” Stream (IARU-ALH) position statement. *Biomed Hub.* 6(1):42-47, 2021.

Christensen DL, Jørgensen SW, Koch LS, Nordsborg NB, Sironga J, Ramaiya K, Larsen S, Brage S, Bygbjerg IC, Maro VP, Helge JW. Aerobic fitness ( $VO_{2\text{peak}}$ ) based on indirect calorimetry in male Maasai of Tanzania. *Am J Human Biology.* 6:e23674, 2021.

Christiansen J, Lund R, Qualter P, Andersen CM, Pedersen SS, Lasgaard M. Loneliness, social isolation, and chronic disease outcomes. *Ann Behav Med.* 55:203-215, 2021.

Christiansen J, Qualter P, Friis K, Pedersen SS, Lund R, Andersen CM, Bekker-Jeppesen M, Lasgaard M. Associations of loneliness and social isolation with physical and mental health among adolescents and young adults. *Perspectives in Public Health.* 141(4):226-236, 2021.

Christiansen LB, Dohlmann TL, Ludvigsen TP, Parfieniuk E, Ciborowski M, Szczerbinski L, Kretowski A, Desler C, Tiano L, Orlando P, Martinussen T, Olsen LH, Larsen S. Atorvastatin impairs liver mitochondrial function in obese Göttingen Minipigs but heart and skeletal muscle are not affected. *Scientific Reports.* 11(1):2167, 2021.

Christiansen LB, Reimann MJ, Schou-Pedersen AMV, Larsen S, Lykkesfeldt J, Olsen LH. Depleted myocardial coenzyme Q10 in cavalier King Charles spaniels with congestive heart failure due to myxomatous mitral valve disease. *Antioxidants.* 10:161, 2021.

Clarke RB, Amini H, James P, von Euler-Chelpin M, Jørgensen JT, Mehta A, Cole-Hunter T, Westendorp R, Mortensen LH, Loft S, Brandt J, Hertel O, Ketzel M, Backalarz C, Andersen ZJ, Lim YH. Outdoor light at night and breast cancer incidence in the Danish Nurse Cohort. *Environ Res.* 194:110631, 2021.

Clotworthy A, Dissing AS, Nguyen TL, Jensen AK, Andersen TO, Bilsteen JF, Elsenburg LK, Keller A, Kusumastuti S, Mathisen J, Mehta A, Pinot de Moira A, Rod MH, Skovdal M, Strandberg-Larsen K, Tapager IW, Varga TV, Vinther JL, Xu T, Hoeyer K, Hulvej Rod N. ‘Standing together – at a distance’: Documenting changes in mental-health indicators in Denmark during the COVID-19 pandemic. *Scand J Public Health.* 49(1):79-87, 2021.

Clotworthy A, Kusumastuti S, and Westendorp RGJ. Reablement through time and space: A scoping review of how the concept of ‘reablement’ for older people has been defined and operationalised. *BMC Geriatr* 21(1):61, 2021.

Costa-Font J, Salmasi L, Zaccagni S. More than a ban on smoking? Behavioural spillovers of smoking bans in the workplace. *IZA DP*. No. 14299, 2021.

Couppé C, Svensson RB, Skovlund SV, Jensen JK, Eriksen CS, Malmgaard-Clausen NM, Nybing JD, Kjaer M, Magnusson SP. Habitual side-specific loading leads to structural, mechanical and compositional changes in the patellar tendon of young and senior life-long male athletes. *J Appl Physiol*. 131(4):1187-1199, 2021.

Dahl M, Hassing AS, Niu L, Nielsen TS, Ingerslev LR, Sulek K, Trammell SAJ, Gillum MP, Barres R, Larsen S, Poulsen SS, Mann M, Ørskov C, Treebak JT. Hepatocyte-specific perturbation of NAD(+) biosynthetic pathways in mice induces reversible nonalcoholic steatohepatitis-like phenotypes. *J Biol Chem*. 297(6):101388, 2021.

Demnitz N, Madsen KS, Johnsen LK, Kjaer M, Boraxbekk CJ, Siebner HR. Right-left symmetry in corticospinal tract microstructure and dexterity are uncoupled in late adulthood. *Neuroimage*. 240:118405, 2021.

Dissing A, Rod NH, Gerds T, Lund R. Smartphone interactions and mental well-being in young adults: A longitudinal study based on objective high-resolution smartphone data. *Scand J Public Health*. 49(3):325-332, 2021.

Durhuus JA, Rozing MP, Nielsen MK, Molbech CR, Keijzers G, Scheibye-Knudsen M, Rasmussen LJ, Westendorp RGJ, Sørensen TL. Ex-vivo whole blood stimulation with A2E does not elicit an inflammatory cytokine response in patients with age-related macular degeneration. *Sci Rep*. 11(1):8226, 2021.

Felding SA, Schwennesen N. Bag skærmen på en digital platform: Kunstfærdigt integrationsarbejde og nye samarbejdskonstellationer [Behind the scenes on a digital platform: artful integration work and new collaborative constellations] *Dansk Antropologi*, 2021.

Felding SA, Schwennesen N. When care is delegated: Care troikas in Danish dementia wards. Blog series: Chronic living. *Somatosphere*, 14 May 2021.

Flensted-Jensen M, Gram M, Dela F, Helge JW, Larsen S. Six weeks of high intensity cycle training reduces H<sub>2</sub>O<sub>2</sub> emission and increases antioxidant protein levels in adults with risk factors for type II diabetes. *Free Radic Bio Med*. 173:1-6, 2021.

Frandsen J, Amaro-Gahete FJ, Landgrebe A, Dela F, Ruiz JR, Helge JW, Larsen S. The influence of age, sex and cardiorespiratory fitness on maximal fat oxidation rate. *Appl Physiol Nutr Meta*. 31(7):1545 – 1557, 2021.

Frandsen J, Beck T, Langkilde CH, Larsen S, Dela F, Helge JW. The training induced increase in whole-body peak fat oxidation rate may be attenuated with aging. *Eur J Sport Sci* 21:69-76, 2021.

Frandsen J, Hansen IMD, Wismann JF, Olsen MH, Brage-Andersen MR, Sahl RE, Hansen M, Ingersen A, Modvig JL, Schmücker M, Grauslund CH, Dela F, Larsen S, Helge JW. Maximal fat oxidation rate is higher in fit women and unfit women with obesity, compared to normal weight unfit women. *J Clin Endocrinol Metab*. 106(11):e4389 – e4399, 2021.

Frandsen J, Poggi A, Ritz C, Larsen S, Dela F, Helge JW. High plasma FFA concentrations increases peak fat oxidation rates in women; similarly, to men. *Frontiers in Physiology*. 2:12:696261, 2021.

Fridh MK, Simonsen C, Schmidt-Andersen P, Nissen AA, Christensen JF, Larsen A, Mackey AL, Larsen HB, Muller K. Cardiorespiratory fitness and physical performance after childhood hematopoietic stem cell transplantation: A systematic review and meta-analysis. *Bone Marrow Transplant*. 56(9):2063-2078, 2021.

Giannopoulos A, Svensson RB, Yeung CYC, Kjaer M, Magnusson SP. Effects of genipin crosslinking on mechanical cell-matrix interaction in 3D engineered tendon constructs. *J Mech Behav Biomed Mater*. 119:104508, 2021.

- Glahder LL, Carlsson J, Kristiansen M, Skammeritz S, Johansen K. The Cultural Formulation Interview – generating distance or alliance? A qualitative study of practice changes in Danish mental healthcare. *Transcultural Psychiatry*. 1363-4615, 2021.
- Green S, Hillersdal L. Aging biomarkers and the measurement of health and risk. *Hist Philos Life Sci*. 23;43(1):28, 2021.
- Grubb S, Lauritzen M, Aalkjær C. Brain capillary pericytes and neurovascular coupling. *Comp Biochem Physiol A Mol Integr Physiol*. 254:110893, 2021.
- Grünenberg K. The face of ‘the other’; Biometric facial recognition, imposters, and the art of outplaying them. In Claes-Fredrik Helgesson, David Moats, Else Vogel and Steve Woolgar eds. *Thinking with Imposters*, Bristol University Press, 2021.
- Hagman M, Helge EW, Fistrup B, Jørgensen NR, Helge JW, Krstrup P. High bone mineral density in lifelong trained female handball players and young female elite soccer players. *EJSS*. 121(10):2825-2836, 2021.
- Hagmann M, Wulff Helge E, Fistrup B, Rye Jørgensen N, Wulff Helge J, Krstrup P. High bone mineral density in lifelong training female team handball players and young elite football players. *Eur J Appl Physiol*. 121(10):2825-2836, 2021.
- Harrsen K, Christensen K, Lund R, Mortensen EL. Educational attainment and trajectories of cognitive decline during four decades—the Glostrup 1914 cohort. *PLoS One*. 16(8):1-15, 2021.
- Heckenbach I, Ben Ezra M, Mkrtchyan GV, Madsen JS, Nielsen MH, Oró D, Mortensen L, Verdin E, Westendorp R, Scheibye-Knudsen M. Deep learning shows cellular senescence is a barrier to cancer development. *bioRxiv* 2021.03.18.435987, 2021.
- Herman AB, Anerillas C, Harris SC, Munk R, Martindale JL, Yang X, Mazan-Mamczarz K, Zhang Y, Heckenbach IJ, Scheibye-Knudsen M, De S, Sen P, Abdelmohsen K, Gorospe M. Reduction of lamin B receptor levels by miR-340-5p disrupts chromatin, promotes cell senescence and enhances senolysis. *Nucleic Acids Res*. 49(13):7389-7405, 2021.
- Hindsø M, Kuhlman AB, Dohlmann TL, Lund MT, Holst JJ, Larsen S, Helge JW. Effect of 6 weeks of very low-volume high-intensity interval training on oral glucose-stimulated incretin hormone response. *EJSS*, 2;1-9, 2021.
- Hoeffner R, Agergaard AS, Funaro A, Bjerregaard N, Svensson RB, Alkjær T, Magnusson SP. The influence of an orthopaedic walker boot on forefoot force. *Foot (Edinb)*. 46:101739, 2021.
- Jakobsen JR, Jakobsen NR, Mackey AL, Knudsen AB, Hannibal J, Koch M, Kjaer M, Krosgaard MR. Adipocytes are present at human and murine myotendinous junctions. *Transl Sports Med*. 4:223-230, 2021.
- Jakobsen JR, Schjerling P, Svensson RB, Buhl R, Carstensen H, Koch M, Krosgaard MR, Kjaer M, Mackey AL. RNA sequencing and immunofluorescence of the myotendinous junction of mature horses and humans. *Am J Physiol Cell Physiol*. 321:C453-C470, 2021.
- Jensen AN, Andersen O, Gamst-Jensen H, Kristiansen M. Short Communication: Opportunities and Challenges for Early Person-Centered Care for Older Patients in Emergency Settings. *Int J Environ Res Public Health*. 28;18(23):12526, 2021.
- Jensen AN, Kristiansen M, Tolstrup JS, Gamst-Jensen H. Associations between degree-of-worry, self-rated health and acute hospitalisation after contacting a medical helpline: a Danish prospective cohort study. *BMJ Open*. 27;11(5):e042287, 2021.

Johansen ML, Ibarrola J, Fernandez-Celis A, Schou M, Sonne MP, Holm MR, Rasmussen J, Dela F, Jaisser F, Faber J, Rossignol P, Lopez-Andres N, Kistorp C. The mineralocorticoid receptor antagonist eplerenone suppresses interstitial fibrosis in subcutaneous adipose tissue in patients with type 2 diabetes. *Diabetes*. 70(1):196-203, 2021.

Jones A, Bardram JE, Bækgaard P, Cramer-Petersen CL, Skinner T, Vrangbæk K, Starr L, Nørgaard K, Lind N, Bechmann Christensen M, Glümer C, Wang-Sattler R, Laxy M, Brander E, Heinemann L, Heise T, Schliess F, Ladewig K, Kownatka D. Integrated personalized diabetes management goes Europe: A multi-disciplinary approach to innovating type 2 diabetes care in Europe. *Prim Care Diabetes*. 15(2):360–364, 2021.

Jørgensen JT, Rozing MP, Westendorp RGJ, Hansen J, Stayner LT, Simonsen MK, Andersen ZJ. Shift work and incidence of psychiatric disorders: The Danish Nurse Cohort study. *J Psychiatr Res.* 139:132-138, 2021.

Kananen L, Enroth L, Raitanen J, Jylhävä J, Bürkle A, Moreno-Villanueva M, Bernhardt J, Toussaint O, Grubeck-Loebenstein B, Malavolta M, Basso A, Piacenza F, Collino S, Gonos ES, Sikora E, Gradinaru D, Jansen EHJM, Dollé MET, Salmon M, Stuetz W, Weber D, Grune T, Breusing N, Simm A, Capri M, Franceschi C, Slagboom PE, Talbot DCS, Libert C, Koskinen S, Bruunsgaard H, Hansen ÅM, Lund R, Hurme M, Jylhä M. Self-rated health in individuals with and without disease is associated with multiple biomarkers representing multiple biological domains. *Sci Rep.* 11(1):6139, 2021.

Klein AB, Nicolaisen TS, Ørtenblad N, Gejl KD, Jensen R, Fritzen AM, Larsen EL, Karstoft K, Poulsen HE, Morville T, Sahl RE, Helge JW, Lund J, Falk S, Lyngbæk M, Ellingsgaard H, Pedersen BK, Lu W, Finan B, Jørgensen SB, Seeley RJ, Kleinert M, Kiens B, Richter EA, Clemmensen C. Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. *Nat Commun.* 12(1):1041, 2021.

Knudsen A, Mackey AL, Jakobsen JR, Krogsaaard MR. No demonstrable ultrastructural adaptation of the human myotendinous junction to immobilization or 4 weeks of heavy resistance training. *Transl Sports Med.* 4:431-438, 2021.

Kristiansen M, Nedergaard Jensen A, Nørredam M, Srivarathan A. Targeting preventive home visits to older adults in disadvantaged communities: Perspectives of professionals. *Health Soc Care Community.* 29(4):1051-1060, 2021.

Kristiansen M, Sheikh A. Pre-existing health concerns and their management. In: Laher I. (eds) *Handbook of Healthcare in the Arab World*. Springer, Cham, 2021.

Kucharz K, Kristensen K, Johnsen KB, Lund MA, Lønstrup M, Moos T, Andresen TL, Lauritzen M. Post-capillary venules are the key locus for transcytosis-mediated brain delivery of therapeutic nanoparticles. *Nat Comm* 12(1):4121, 2021.

Lambertus M, Øverberg LT, Andersson KA, Hjelden MS, Hadzic A, Haugen ØP, Storm-Mathisen J, Bergersen LH, Geiseler S, Morland C. L-lactate induces neurogenesis in the mouse ventricular-subventricular zone via the lactate receptor HCA<sub>1</sub>. *Acta Physiol (Oxf)*. 231:e13587, 2021.

Larsen S, Søndergård SD, Sahl RE, Frandsen J, Morville T, Dela F, Helge JW. Acute EPO injection increases muscle mitochondrial respiratory capacity in man. *JAP*. 131(4):1340-1347, 2021.

Lassen AJ, Vrangbæk K. Retirement transitions in the 21<sup>st</sup> century: A scoping review of the changing nature of retirement in Europe. *Int J Ageing Later Life*. Advance access, 2021.

Lidegaard L, Kristiansen M, Pisinger C. Readiness for implementation of smoke-free work hours in private companies: A qualitative study of perceptions among middle managers. *Tob Prev Cessat.* 7:38, 2021.

Lim YH, Jørgensen JT, So R, Cramer J, Amini H, Mehta A, Mortensen LH, Westendorp R, Hoffmann B, Loft S, Bräuner EV, Ketzel M, Hertel O, Brandt J, Jensen SS, Backalarz C, Cole-Hunter T, Simonsen MK, Andersen ZJ.

Long-term exposure to road traffic noise and incident myocardial infarction: A Danish Nurse Cohort study. *Environ Epidemiol.* 5(3):e148, 2021.

Lindberg LG, Schepelern Johansen K, Kristiansen M, Skammeritz S, Lohmann JMC. Negotiating engagement, worthiness of care and cultural identities through intersubjective recognition: Migrant patient perspectives on the cultural formulation interview in Danish mental healthcare. *Cult Med Psychiatry* 45(4):629-654, 2021.

Lionett S, Almenning Kiel I, Røsbjørge R, Lydersen S, Larsen S, Moholdt T. Absent exercise-induced improvements in fat oxidation in women with polycystic ovary syndrome after high-intensity interval training. *Front Physiol.* 12:649794, 2021.

Liu S, Lim YH, Pedersen M, Jørgensen JT, Amini H, Cole-Hunter T, Mehta AJ, So R, Mortensen LH, Westendorp RGJ, Loft S, Bräuner EV, Ketzel M, Hertel O, Brandt J, Jensen SS, Christensen JH, Sigsgaard T, Geels C, Frohn LM, Brborić M, Radonić J, Sekulic MT, Bønnelykke K, Backalarz C, Simonsen MK, Andersen ZJ. Long-term exposure to ambient air pollution and road traffic noise and asthma incidence in adults: The Danish Nurse Cohort. *Environ Int.* 152:106464, 2021.

Liu S, Lim YH, Pedersen M, Jørgensen JT, Amini H, Cole-Hunter T, Mehta AJ, So R, Mortensen LH, Westendorp RGJ, Loft S, Bräuner EV, Ketzel M, Hertel O, Brandt J, Jensen SS, Christensen JH, Sigsgaard T, Geels C, Frohn LM, Brborić M, Radonić J, Sekulic MT, Bønnelykke K, Backalarz C, Simonsen MK, Andersen ZJ. Long-term air pollution and road traffic noise exposure and COPD: The Danish Nurse Cohort. *Eur Respir J.* 58(6):2004594, 2021.

Lobo EH, Frølich A, Kensing F, Rasmussen LJ, Livingstone PM, Grundy J, Abdelrazek M. Health applications to support caregiver needs and engagement during stroke recovery: A content review. *Res Nurs Health.* 44(1):213-225, 2021.

Lobo EH, Frølich A, Rasmussen LJ, Livingston PM, Grundy J, Abdelrazek M, Kensing F. Understanding the methodological issues and solutions in the research design of stroke caregiving technology. *Front Publ Health.* 9:647249, 2021.

Mächler P, Mateo C, Thunemann M, Fomin-Thunemann N, Doran PR, Kilic K, Sencan I, Desjardins M, Uhlirova H, Yaseen MA, Boas DA, Linnerger AA, Vergassola M, Yu X, Lewis L, Polimeni J, Rosen BR, Sakadžić S, Buxton RB, Lauritzen M, Kleinfeld D, Devor A. New Avenues for Physiological Underpinning of Functional Imaging Signals with Novel Microscopic Imaging Tools. *Curr Opin Biomed.* 18:100273. E-pub ahead of print, 2021.

Mærsk Staunstrup L, Bager CL, Frederiksen P, Wulff Helge J, Brunak S, Christiansen C, Karsdal M. Endotrophin is associated with chronic multimorbidity and all-cause mortality in a cohort of elderly women. *EBioMedicine.* 68:103391, 2021.

Maindal HT, Timm A, Dahl-Petersen IK, Davidsen E, Hillersdal L, Jensen NH, Thøgersen M, Jensen DM, Ovesen P, Damm P, Kampmann U, Vinter CA, Mathiesen ER, Nielsen KK. Systematically developing a family-based health promotion intervention for women with prior gestational diabetes based on evidence, theory and co-production: the Face-it study. *BMC Public Health.* 21:1616, 2021.

Malmgaard-Clausen NM, Jørgensen OH, Høffner R, Andersen PEB, Svensson RB, Hansen P, Nybing JD, Magnusson SP, Kjaer M. No additive clinical or physiological effects of short-term anti-inflammatory treatment to physical rehabilitation in the early phase of human Achilles tendinopathy: A randomized controlled trial. *Am J Sports Med.* 49(7):1711-1720, 2021.

Malmgaard-Clausen NM, Tran P, Svensson RB, Hansen P, Nybing JD, Magnusson SP, Kjaer M. Magnetic resonance T2\* is increased in patients with early-stage Achilles and patellar tendinopathy. *J Magn Reson Imaging.* 54(3):832-839, 2021.

Mamczarz K, Zhang Y, Heckenbach IJ, Scheibye-Knudsen M, De S, Sen P, Abdelmohsen

- Marchildon G, Brammli-Greenberg S, Dayan M, Giulio De Belvis A, Gandré C, Isaksson D, Kroneman M, Neuhner-Jehle S, Sperre Saunes I, Thomas S, Vrangbæk K, Quentin W. Achieving higher performing primary care through patient registration: A review of twelve high-income countries. *Health Policy*. 125(12):1507-1516, 2021.
- Marker L, Schjerling P, Mackey AL, Hansen T, Jakobsen J, Kjaer M, Krosgaard MR. Collagens in primary frozen shoulder: Expression of collagen mRNA isoforms in the different phases of the disease. *Rheumatology (Oxford)*. 60(8):3879-3887, 2021.
- Martinez-Val A, Bekker-Jensen DB, Steigerwald S, Koenig C, Østergaard O, Mehta A, Tran T, Sikorski K, Torres-Vega E, Kwasniewicz E, Brynjólfssdóttir SH, Frankel LB, Kjøbsted R, Krogh N, Lundby A, Bekker-Jensen S, Lund-Johansen F, Olsen JV. Spatial-proteomics reveals phospho-signaling dynamics at subcellular resolution. *Nat Commun*. 12(1):7113, 2021.
- McIntyre RL, Denis SW, Kamble R, Petr MA, Schomakers BV, Jongejan A, Scheibye-Knudsen M, Houtkooper RH, Janssens GE. Inhibition of the neuromuscular acetylcholine receptor with atracurium activates FOXO/DAF-16-induced longevity. *Aging Cell*. 20(8):e133812021.
- Mejsner SB, Kristiansen M, Karlsson LE. Civil Servants and Non-Western Migrants' Perceptions on Pathways to Health Care in Serbia – A Grounded Theory, Multi-Perspective study. *International Journal of Environmental Research and Public Health*. 18(19):10247, 2021.
- Mendham AE, Goedecke JH, Zeng Y, Larsen S, George C, Hausson J, Fortuin-de Smidt MC, Chibalin AV, Olsson T, Chorell E. Exercise training improves mitochondrial respiration and is associated with an altered intramuscular phospholipid signature in women with obesity. *Diabetologia*. 64(7):1642-1659, 2021.
- Mikkelsen ASB, Kristiansen M. Qualitative study of the implementation and potential of a social intervention at nursing homes in Denmark. *Int J Environ Res Public Health*. 18(4):1808, 2021.
- Nabe-Nielsen K, Fuglsang NV, Larsen I, Nilsson CJ. COVID-19 risk management and emotional reactions to COVID-19 among school teachers in Denmark: Results from the CLASS Study. *J Occup Environ Med*. 63(5):357-362, 2021.
- Nabe-Nielsen K, Nilsson CJ, Juul-Madsen M, Bredal C, Hansen LOP, Hansen ÅM. COVID-19 risk management at the workplace, fear of infection and fear of transmission of infection among frontline employees. *Occup Environ Med*. 78(4):248-254, 2021.
- Narici M, De VG, Franchi M, Paoli A, Moro T, Marcolin G, Grassi B, Baldassarre G, Zuccarelli L, Biolo G, di Girolamo FG, Fiotti N, Dela F, Greenhaff P, Maganaris C. Impact of sedentarism due to the COVID-19 home confinement on neuromuscular, cardiovascular and metabolic health: Physiological and pathophysiological implications and recommendations for physical and nutritional countermeasures. *Eur J Sport Sci*. 21(4):614-635, 2021.
- Nedergaard Jensen A, Kristiansen M, Tolstrup JS, Gamst-Jensen H. Associations between degree-of-worry, self-rated health and acute hospitalisation after contacting a medical helpline: A Danish prospective cohort study. *BMJ Open*. 11(5):e042287, 2021.
- Nordgaard C, Tollenaere M, Del Val AM, Bekker-Jensen DB, Blasius M, Olsen JV, Bekker-Jensen S. Regulation of the Golgi apparatus by p38 and JNK kinases during cellular stress responses. *Int J Mol Sci*. 22(17):9595, 2021.
- Nygaard SS, Srivarathan A, Mathisen J, Kristiansen M, Christensen U, Kvorning MF, Lund R. Challenges and lessons learnt from conducting a health survey in an ethnically diverse population. *Scandinavian Journal of Public Health*. 14034948211054663, 2021.

Olesen AT, Malchow-Møller L, Bendixen RD, Kjaer M, Svensson RB, Andersen JL, Magnusson SP. Age-related myofiber atrophy in old mice is reversed by ten weeks voluntary high-resistance wheel training. *Exp Gerontol.* 143:111150, 2021.

Olesen JL, Hansen M, Turtumoygard IF, Hoffner R, Schjerling P, Christensen J, Mendias CL, Magnusson SP, Kjaer M. No treatment benefits of local administration of insulin-like growth factor-1 in addition to heavy slow resistance training in tendinopathic human patellar tendons: A randomized, double-blind, placebo-controlled trial with 1-year follow-up. *Am J Sports Med.* 49:2361-2370, 2021.

Palikaras K, Achanta K, Akbari M, Bohr VA. Alteration of mitochondrial homeostasis is an early event in a *C. elegans* model of human tauopathy. *Aging.* 13(21):23876-23894, 2021.

Palleesen AVJ, Herrstedt J, Westendorp RGJ, Mortensen LH, Kristiansen M. Differential effects of colorectal cancer screening across sociodemographic groups in Denmark: A register-based study. *Acta Oncol.* 60(3):323-332, 2021.

Perez-Valera M, Martinez-Canton M, Gallego-Selles A, Galván-Alvarez V, Gelabert-Rebato M, Morales-Alamo D, Santana A, Martin-Rodriguez S, Ponce-Gonzalez JG, Larsen S, Losa-Reyna J, Perez-Suarez I, Dorado C, Gonzalez-Henriquez JJ, Boushel R, Hallen J, de Pablos Velasco P, Freixinet Guilart J, Holmberg HC, Helge JW, Martin-Rincon M, Calbet JAL. Body composition and cardiorespiratory fitness account for sex differences in Angiotensin-Converting Enzyme 2 (SARS-CoV-2 receptor) expression in human skeletal muscle: a cross-sectional study. *SJSM.* 31(12):2249-2258, 2021.

Petersen MJ, Bergien SO, Stærk D. A systematic review of possible interactions for herbal medicines and dietary supplements used concomitantly with disease-modifying or symptom-alleviating multiple sclerosis drugs. *Phytotherapy Research.* 35(7):3610-3631, 2021.

Petr MA, Alfaras I, Krawczyk M, Bair WN, Mitchell SJ, Morrell CH, Studenski SA, Price NL, Fishbein KW, Spencer RG, Scheibye-Knudsen M, Lakatta EG, Ferrucci L, Aon MA, Bernier M, de Cabo R. A cross-sectional study of functional and metabolic changes during aging through the lifespan in male mice. *eLife.* 10:e62952, 2021.

Piovesan M, Willadsen H. Risk preferences and personality traits in children and adolescents. *J Econ Behav Organ.* 186:523-32, 2021.

Regnsgaard S, Knudsen AK, Lindskov FO, Mrantinkovic M, Pressel E, Ingersen A, Dela F. Down stair walking: A simple method to increase muscle mass and performance in 65+ year old healthy people. *Eur J Sport Sci.* 1-10, 2021.

Sabayan B, Westendorp RGJ. Neurovascular-glymphatic dysfunction and white matter lesions. *Geroscience.* 43(4):1635-1642, 2021.

Sahl RE, Helms EH, Schmücker M, Flensted-Jensen M, Ingersen A, Morville T, Dela F, Helge JW, Larsen S. Reliability and variation in maximal mitochondrial respiration in human adipose tissue. *Adipocyte.* 10(1):605-611, 2021.

Schmücker M, Haraszuk J, Hölmich P, Barfod KW. Graft failure, revision aclr, and reoperation rates after ACLR with quadriceps tendon versus hamstring tendon autografts: A registry study with review of 475 patients. *Am J Sports Med.* 49(8):2136-2143, 2021.

Schwennesen N. In between bricolage and repair: Fragile connections and digital entanglements in dementia care. In: Peine A, Neven L, Martin W, Marshall B (eds) *Socio-gerontechnology: Interdisciplinary critical studies of ageing and technology*, Routledge, 2021.

SenGupta T, Palikaras K, Esbensen Y, Konstantinidis G, Galindo F, Achanta K, Kassahun H, Stavgiannoudaki I, Bohr VA, Akbari M, Gaare J, Tzoulis C, Tavernarakis N, Nilsen H. Base excision repair causes age-dependent

accumulation of single-stranded DNA breaks contributing to Parkinson's disease pathology. *Cell Rep.* 36(10):109668, 2021.

Skovgaard D, Siersma VD, Klausen SB, Visnes H, Haukenes I, Bang CW, Bager P, Grävare Silbernagel K, Gaida J, Magnusson SP, Kjaer M, Couppe C. Chronic hyperglycemia, hypercholesterolemia, and metabolic syndrome is associated with risk of tendon injury. *Scand J Med Sci Sports.* 31(9):1822-1831, 2021.

So R, Chen J, Mehta AJ, Liu S, Strak M, Wolf K, Hvidtfeldt UA, Rodopoulou S, Stafoggia M, Klompmaker JO, Samoli E, Raaschou-Nielsen O, Atkinson R, Bauwelinck M, Bellander T, Boutron-Ruault MC, Brandt J, Brunekreef B, Cesaroni G, Concin H, Forastiere F, van Gils CH, Gulliver J, Hertel O, Hoffmann B, de Hoogh K, Janssen N, Lim YH, Westendorp R, Jørgensen JT, Katsouyanni K, Ketzel M, Lager A, Lang A, Ljungman PL, Magnusson PKE, Nagel G, Simonsen MK, Pershagen G, Peter RS, Peters A, Renzi M, Rizzuto D, Sigsgaard T, Vienneau D, Weinmayr G, Severi G, Fecht D, Tjønneland A, Leander K, Hoek G, Andersen ZJ. Long-term exposure to air pollution and liver cancer incidence in six European cohorts. *Int J Cancer.* 149(11):1887-1897, 2021.

Soendenbroe C, Mackey AL, Kjaer M. Resting in bed – how quickly does the muscle lose its nerve? *J Physiol.* 599:2995-2996, 2021.

Søgaard MB, Andresen K, Kristiansen M. Systematic review of patient-engagement interventions: potentials for enhancing person-centred care for older patients with multi-morbidity. *BMJ Open.* 11(12):e048558, 2021.

Sødenbroe C, Andersen JL, Mackey AL. Muscle-nerve communication and the molecular assessment of human skeletal muscle denervation with aging. *Am J Physiol Cell Physiol.* 321(2):C317-C329, 2021.

Søndergård SD, Cintin I, Kuhlman AB, Morville T, Bergmann ML, Kjaer LK, Poulsen HE, Giustarini D, Rossi R, Dela F, Helge JW, Larsen S. The effects of 3 weeks of oral glutathione supplementation on whole body insulin sensitivity in obese males with and without type 2 diabetes: A randomized trial. *Appl Physiol Nutr Metab.* 46(9):1133-1142, 2021.

Søndergård SD, De Aguiar ID, Kuhlman ACB, Morville TH, Bergmann ML, Kjær LK, Poulsen HE, Giustarini D, Rossi R, Dela F, Helge JW, Larsen S. The effects of 3 weeks of oral glutathione supplementation on whole body insulin sensitivity in obese males with and without type 2 diabetes: A randomized trial. *APNNM.* 46(9):1133-1142, 2021.

Staunstrup LM, Bager CL, Frederiksen P, Helge JW, Brunak S, Christiansen C, Karsdal M. Endotrophin is associated with chronic multimorbidity and all-cause mortality in a cohort of elderly women. *EBioMedicine.* 68:103391, 2021.

Stensen S, Gasbjerg LS, Krogh LL, Skov-Jepesen K, Sparre-Ulrich AH, Jensen MH, Dela F, Hartmann B, Vilboll T, Holst JJ, Rosenkilde MM, Christensen MB, Knop FK. Effects of endogenous GIP in patients with type 2 diabetes. *Eur J Endocrinol.* 185(1):33-45, 2021.

Subramanian V, Rodemoyer B, Shastri V, Rasmussen LJ, Desler C, Schmidt KH. Bloom syndrome DNA helicase deficiency is associated with oxidative stress and mitochondrial network changes. *Sci Rep.* 11(1):2157, 2021.

Szczerbinski L, Golonko A, Taylor M, Puchta U, Konopka P, Paszko A, Citko A, Szczerbinski K, Gorska M, Zabielski P, Blachnio-Zabielska A, Larsen S, Kretowski A. Metabolomic Profile of Skeletal Muscle and Its Change Under a Mixed-Mode Exercise Intervention in Progressively Dysglycemic Subjects. *Front Endocrinol (Lausanne).* 12:778442, 2021.

Szczerbinski L, Taylor MA, Puchta U, Konopka P, Paszko A, Citko A, Szczerbinski K, Goscik J, Gorska M, Larsen S, Kretowski A. The Response of Mitochondrial Respiration and Quantity in Skeletal Muscle and Adipose Tissue to Exercise in Humans with Prediabetes. *Cells.* 10(11)3010, 2021.

Ulrik Mikkelsen S, Gillberg L, Lykkesfeldt J, Grønbæk K. The role of vitamin C in epigenetic cancer therapy. *Free Radic Biol Med.* 170:179-193, 2021.

Urdanibia-Centelles O, Nielsen RM, Rostrup E, Vedel-Larsen E, Thomsen K, Nikolic M, Johnsen B, Møller K, Lauritzen M, Benedek K. Automatic continuous EEG signal analysis for diagnosis of delirium in patients with sepsis. *Clin Neurophysiol.* 132(9):2075-2082, 2021.

Uth J, Fristrup B, Sørensen V, Helge EW, Christensen MK, Kjaergaard JB, Møller TK, Helge JW, Jørgensen NR, Rørth M, Vadstrup ES, Krstrup P. One year of football fitness improves L1-L4 BMD, postural balance, and muscle strength in women treated for breast cancer. *Scand J Med Sci Sports.* 31(7):1545-1557, 2021.

Varga TV, Bu F, Dissing AS, Elsenburg LK, Bustamante JJH, Matta J, van Zon SKR, Brouwer S, Bültmann U, Fancourt D, Hoeyer K, Goldberg M, Melchior M, Strandberg-Larsen K, Zins M, Clotworthy A, Rod NH. Loneliness, worries, anxiety, and precautionary behaviours in response to the COVID-19 pandemic: A longitudinal analysis of 200,000 Western and Northern Europeans. *Lancet Reg Health Eur.* 2:100020, 2021.

Wahl AM, Musaeus KD, Sørensen TL, Kristiansen M. Reasons for late diagnosis of neovascular age-related macular degeneration: A mixed-methods study. *Acta Ophthalmol.* 99(3):e443-e445, 2021.

Williams ZJ, Velez-Irizarry D, Petersen JL, Ochala J, Finno CJ, Valberg SJ. Candidate gene expression and coding sequence variants in Warmblood horses with myofibrillar myopathy. *Equine Vet J.* (53(2):306-315, 2021.

Win et al. The International Mismatch Repair Consortium. Variation in the risk of colorectal cancer for Lynch syndrome: A retrospective family cohort study. *Lancet Oncol.* 22(7):1014-1022, 2021.

Yang B, Dan X, Hou Y, Lee J, Wechter N, Krishnamurthy S, Kimura R, Babbar M, Demarest T, McDevitt R, Zhang S, Zhang Y, Mattson M, Croteau D, Bohr VA. NAD + supplementation prevents STING-induced senescence in ataxia telangiectasia by improving mitophagy. *Aging Cell.* 20(4):e13329, 2021.

Zambach SA, Changsi C, Helms HC, Hald BO, Dongd Y, Fordsmann JC, Nielsen RN, Hud J, Lønstrup M, Brodin B, Lauritzen M. Precapillary sphincters and pericytes at first-order capillaries as key regulators for brain capillary perfusion. *Proc Natl Acad Sci USA.* 118(26):e2023749118, 2021.

Zijlstra LE, Jukema JW, Westendorp RGJ, Du Puy RS, Poortvliet RKE, Kearney PM, O'Keeffe L, Dekkers OM, Blum MR, Rodondi N, Collet TH, Quinn TJ, Sattar N, Stott DJ, Trompet S, den Elzen WPJ, Gussekloo J, Mooijaart SP. Levothyroxine treatment and cardiovascular outcomes in older people with subclinical hypothyroidism: Pooled individual results of two randomised controlled trials. *Front Endocrinol (Lausanne).* 12:674841, 2021.

## 2022

Andersen S, Badarinza C, Liu L, Marx J, Ramadorai T. Reference dependence in the housing market. *American Economic Review.* 112(10):3398-3440, 2022.

Bakx JAM, Biebricher AS, King GA, Christodoulis P, Sarlos K, Bizard AH, Hickson ID, Wuite GJ, Peterman EJG. Duplex DNA and BLM regulate gate opening by the TopoIIla-RMI1-RMI2 complex. *Nature Communications.* 13:584, 2022.

Bernt Jørgensen SM, Johnsen NF, Gerds TA, Brøndum S, Maribo T, Gislason G, Kristiansen M. Perceived return-to-work pressure following cardiovascular disease is associated with age, sex, and diagnosis: a nationwide combined survey- and register-based cohort study. *BMC Public Health.* 22(1):1059, 2022.

Bhargava S, Czapka E, Hofvind S, Kristiansen M, Diaz E, Berstad P. Polish immigrants' access to colorectal cancer screening in Norway – a qualitative study. *BMC Health Services Research.* 22:1332, 2022.

Bhowmick R, Lerdrup M, Gadi SA, Rossetti GG, Singh MI, Liu Y, Halazonetis TD, Hickson ID. RAD51 protects human cells from transcription-replication conflicts. *Molecular Cell*. 82:3366-3381, 2022. [Featured in a 'Preview' article in *Molecular Cell*. 82:3315-3317, 2022].

Bieler T, Kristensen ALR, Nyberg M, Magnusson SP, Kjaer M, Beyer N. Exercise in patients with hip osteoarthritis – effects on muscle and functional performance: A randomized trial. *Physiother Theory Pract*. 38(12):1946-1957, 2022.

Boutoual R, Jo H, Heckenbach I, Tiwari R, Kasler H, Lerner CA, Shah S, Schilling B, Calvanese V, Rardin MJ, Scheibye-Knudsen M, Verdin E. A novel splice variant of Elp3/Kat9 regulates mitochondrial tRNA modification and function. *Sci Rep*. 31;12(1):14804, 2022.

Burr H, Lange S, Freyer M, Formazin M, Rose U, Nielsen ML, Conway PM. Physical and psychosocial working conditions as predictors of 5-year changes in work ability among 2078 employees in Germany. *International Archives of Occupational and Environmental Health*. 95:153-168, 2022.

Conway PM, Erlangsen A, Grynderup MB, Clausen T, Rugulies R, Bjorner JB, Burr H, Francioli L, Garde AH, Hansen ÅM, Hanson LM, Kirchheiner-Rasmussen J, Kristensen TS, Mikkelsen EG, Stenager E, Thorsen SV, Villadsen E, Høgh A. Workplace bullying and risk of suicide and suicide attempts: A register-based prospective cohort study of 98 330 participants in Denmark. *Scandinavian Journal of Work Environment and Health*. 48:425-434, 2022.

Coupe C, Døssing S, Bülow PM, Siersma VD, Zilmer CK, Bang CW, Høffner R, Kracht M, Hogg P, Edström G, Kjaer M, Magnusson SP. Effect of heavy slow resistance training combined with corticosteroid injections or tendon needling in patients with lateral elbow tendinopathy: A 3-arm randomized double-blinded placebo-controlled study. *Am J Sports Med*. 50:2787-2796, 2022.

Damgaard MV, Nielsen TS, Basse AL, Chubanava S, Trost K, Moritz T, Dellinger RW, Larsen S, Treebak JT. Intravenous nicotinamide riboside elevates mouse skeletal muscle NAD<sup>+</sup> without impacting respiratory capacity or insulin sensitivity. *iScience*. 2022.

Daoudy M, Schraven B, Kristiansen M, Swain A, Scheffran J. Migration and the 2030 Agenda. *One Earth*. 5:8, 2022.

Davidson K, Carstensen S, Kriegbaum M, Bruunsgaard H, Lund R. Do partnership dissolutions and living alone affect systemic chronic inflammation? A cohort study of Danish adults. *J Epidemiol Community Health*. 76:490-496, 2022.

Dissing AS, Andersen TO, Jensen AK, Lund R, Rod NH. Nighttime smartphone use and changes in mental health and wellbeing among young adults: a longitudinal study based on high-resolution tracking data. *Sci Rep*. 12:8013, 2022.

Dohlmann TL, Kuhlman AB, Morville T, Dahl M, Asping M, Orlando P, Silvestri S, Tiano L, Helge JW, Dela F, Larsen S. Coenzyme Q10 supplementation for statin-induced myalgia: a double-blinded randomized placebo-controlled trial. *Antioxidants*. 11(9):1698, 2022.

Elam C, Hvid LG, Christensen U, Kjaer M, Magnusson SP, Aagaard P, Bunkertorp Käll L, Suetta C. Effects of age on muscle power, postural control and functional capacity after short-term immobilization and retraining. *J Musculoskeletal Neuronal Interact*. 22:486-497, 2022.

Frandsen J, Sahl RE, Rømer T, Hansen MT, Nielsen AB, Lie-Olesen MM, Rasmussen HK, Søgaard D, Ingersen A, Rosenkilde M, Westerterp K, Holst JJ, Andersen JL, Markowski AR, Blachnio-Zabielska A, Clemmensen C, Sacchetti M, Cataldo A, Traina M, Larsen S, Dela F, Helge JW. Extreme exercise affects old but not young men. *Acta Physiologia*. 235(3):e13816, 2022.

Geng X, Zhang C, Wang J, Ji F, Li M, Feng H, Xing M, Zhang L, Li W, Chen Z, Hickson ID\*, Shen H\*, Ying S.\*  
PICH supports embryonic hematopoiesis by suppressing a cGas-Sting-mediated interferon response.  
*Advanced Science*. 9:2103837, 2022. \*Co-corresponding authors.

Grünenberg K. Wearing Someone Else's Face: Biometric Technologies, Anti-spoofing and the Fear of the Unknown. *Ethnos. Journal of Anthropology*. 87(2):223-240, 2022.

Grünenberg K, Hillersdal L, Winther J. Window Work. Screen-based Eldercare and Professional Precarity at the Welfare Frontier. Special Issue on "Ageing with Digital Technologies: From Theory to Agency and Practice". *International Journal of Ageing and Later Life*. 15(2):23-50, 2022.

Gunnerson SR, Magyari M, Skovgaard L, Kristiansen M. Patient involvement in the development of PROMs within the MS field: A systematic review. *Patient Experience Journal*. 9(1):169-173, 2022.

Hansen AM, Nabe-Nielsen K, Bruunsgaard H, Jensen MA, Molbo D, Lund R, Garde AH. Educational attainment in young adulthood and self-rated health in midlife – Does allostatic load mediate the association? *Psychoneuroendocrinology*. 139:105708, 2022.

Heckenbach I, Mkrtchyan GV, Ezra MB, Bakula D, Madsen JS, Nielsen MH, Oró D, Osborne B, Covarrubias AJ, Idda ML, Gorospe M, Mortensen L, Verdin E, Westendorp R, Scheibye-Knudsen M. Nuclear morphology is a deep learning biomarker of cellular senescence. *Nat Aging*. 2(8):742-755, 2022.

Herman AB, Anerillas C, Harris SC, Munk R, Martindale JL, Yang X, Mazan-Hindsø M, Birk Kuhlman A, Lovsø Dohlmann T, Taulo Lund M, Hartmann B, Juul Holst J, Larsen S, Wulff Helge S. Effect of 6 weeks of very low-volume high-intensity interval training on oral glucose-stimulated incretin hormone response. *Eur J Sport Sci*. 22(3):381-389, 2022.

Ingersen A, Helset HR, Calov M, Chabanova E, Nielsen EG, Jensen C, Prats C, Helge JW, Larsen S, Dela F. Metabolic effects of alternate day fasting in obese patients with and without type 2 diabetes. *Front. Physiol., Sec. Integrative Physiology*. 13:1061063 2022.

Jacobsen M, Wernberg S, Sommer C, Schultz H, Hjortø S, Kristiansen M. Evaluation of a national programme to enhance shared decision-making skills among junior medical doctors in Denmark: A mixed methods study of satisfaction, usefulness, and dissemination of learning outcomes in clinical practice. *BMC Health Services Research*. 22(1):245, 2022.

Jakobsen JR, Schjerling P, Kjaer M, Mackey AL, Krogsbaard MR. Nestin and osteocrin mRNA increases in human semitendinosus myotendinous junction 7 days after a single bout of eccentric exercise. *Histochem Cell Biol*. 158:49-64, 2022.

Jaspers SØ, Andersen DR, Karlsen IL, Andersen LPS, Conway PM, Dyrborg J. Looking beyond violence prevention climate: – exploring line managers' violence preventive practices in two high-risk sectors. *International Journal of Workplace Health Management*. 15:429-444, 2022.

Jaspers SØ, Andersen DR, Karlsen IL, Pedersen AHM, Andersen LPS, Conway PM, et al. Contextualizing Violence Prevention – How Contextual Aspects Influence the Implementation of a Violence Prevention Initiative in Prisons and Psychiatry. *Scandinavian Journal of Work and Organizational Psychology*. 7:4, 2022.

Johannsen FE, Olesen JL, Øhlenschläger TF, Lundgaard-Nielsen M, Cullum CM, Jakobsen AS, Rathleff MS, Magnusson SP, Kjaer M. Effect of ultrasonography-guided corticosteroid injection vs placebo added to exercise therapy for Achilles tendinopathy: A randomized clinical trial. *JAMA Network Open*, e2219661, 2022.

Jørgensen AEM, Agergaard J, Schjerling P, Heinemeier KM, van Hall G, Kjaer M. The regional turnover of collagen matrix in late-stage human knee osteoarthritis. *Osteoarthritis Cartilage*. 30:886-895, 2022.

- Karlsen A, Gonzalez-Franquesa A, Jakobsen JR, Krogsgaard MR, Koch M, Kjaer M, Schiaffino S, Mackey AL, Deshmukh AS. The proteomic profile of the human myotendinous junction. *iScience*. 25:103836-51, 2022.
- Kreiberg M, Jørgensen N, Juul A, Lauritsen J, Oturai PS, Helge JW, Christensen JF, Aksglæde L, Schauer T, Wagner T, Rosenvilde J, Dehlendorff C, Daugaard G, Bandak M. A randomized double-blind study of testosterone replacement therapy or placebo in testicular cancer survivors with mild Leydig cell insufficiency (Einstein-intervention). *Clin Genitourin Cancer*. 20(5):404-414, 2022.
- Kucharz K, Kutuzov N, Zhukov O, Mathiesen Janiurek M, Lauritzen M. Shedding Light on the Blood-Brain Barrier Transport with Two-Photon Microscopy In Vivo. *Pharm Res*. 39(7):1457-1468, 2022.
- Kuhlman AB, Mikkelsen LB, Regniersgaard S, Heinrichsen S, Nielsen FH, Frandsen J, Orlando P, Silvestri S, Larsen S, Helge JW, Dela F. The effect of 8 weeks of physical training on muscle performance and maximal fat oxidation rates in patients treated with simvastatin and coenzyme Q10. *J. Physiol.* 600(3):569-581, 2022.
- Kusumastuti S, Hoogendoijk EO, Gerds TA, Lund R, Mortensen EL, Huisman M, Westendorp RGJ. Do changes in frailty, physical functioning, and cognitive functioning predict mortality in old age? Results from the Longitudinal Aging Study Amsterdam. *BMC Geriatrics*. 19:3, 2022.
- Lim Y, Hersoug L, Lund R, Bruunsgaard H, Ketzel M, Brandt J, Jørgensen JT, Westendorp R, Andersen ZJ, Loft S. Inflammatory markers and lung function in relation to indoor and ambient air pollution. *International Journal of Hygiene and Environmental Health*. 241:113944, 2022.
- Lobo EH, Abdelrazek M, Kensing F, Rasmussen LJ, Livingston PM, Grundy J, Islam SMS, Frølich A. Technology-based support for stroke caregiving: A rapid review of evidence. *J Nurs Manag*. 30(8):3700-3713, 2022.
- Loft S, Andersen ZJ, Jørgensen JT, Kristiansen AD, Dam JK, Cramer J, Westendorp RGJ, Lund R, Lim Y. Use of candles and risk of cardiovascular and respiratory events in a Danish cohort study. *Indoor Air*. 32:e13086, 2022.
- Meijering AEC, Sarlos K, Nielsen CF, Witt H, Harju J, Kerklingh E, Haasnoot GH, Bizard AH, Heller I, Broedersz CP, Liu Y, Peterman EJG, Hickson ID\*, Wuite GJL\*. Nonlinear mechanics of human mitotic chromosomes. *Nature*. 605:545-550, 2022. \*Co-corresponding authors.
- Mikkelsen ASB, Lund R, Siersma V, Jørgensen TSH, Christensen U, Kristiansen M. Social relations and contact with general practitioner in a middle-aged Danish population: a prospective register-and survey-based cohort study. *BMC Health Serv Res*. 22:481, 2022.
- Mkrtchyan GV, Veviorksiy A, Izumchenko E, Shneyderman A, Pun FW, Ozerov IV, Aliper A, Zhavoronkov A, Scheibye-Knudsen M. High-confidence cancer patient stratification through multiomics investigation of DNA repair disorders. *Cell Death Dis*. 26;13(11):999, 2022.
- Montagna C, Svensson RB, Bayer ML, Rizza S, Maiani E, Yeung CC, Filomeni G, Kjaer M. Autophagy guards tendon homeostasis. *Cell Death Dis*. 13:402-415, 2022.
- Nielsen JL, Bakula D, Scheibye-Knudsen M. Clinical Trials Targeting Aging. *Front Aging*. 4;3:820215, 2022.
- Nordgaard C, Vind AC, Stonadge A, Kjøbsted R, Snieckute G, Antas P, Blasius M, Reinert MS, Del Val AM, Bekker-Jensen DB, Haahr P, Miroshnikova YA, Mazouzi A, Falk S, Perrier-Groult E, Tiedje C, Li X, Jakobsen JR, Jørgensen NO, Wojtaszewski JF, Mallein-Gerin F, Andersen JL, Pennisi CP, Clemmensen C, Kassem M, Jafari A, Brummelkamp T, Li VS, Wickström SA, Olsen JV, Blanco G, Bekker-Jensen S. ZAK $\beta$  is activated by cellular compression and mediates contraction-induced MAP kinase signaling in skeletal muscle. *EMBO J*. 1;41(17):e111650, 2022.

Olesen AT, Malchow-Møller L, Bendixen RD, Kjaer M, Mackey AL, Magnusson SP, Svensson RB. Intramuscular connective tissue content and mechanical properties: Influence of aging and physical activity in mice. *Exp Gerontology*. 166:111893, 2022.

Pallesen AVJ, Kristiansen M, Westendorp R, Mortensen LH. Polypharmacy occurrence and the related risk of premature death among older adults in Denmark: A nationwide register-based cohort study. *PLOS ONE*. 17(2):e0264332, 2022.

Pedersen JS, Rygg MO, Chrøis K, Sustarsic EG, Gerhart-Hines Z, Albrechtsen NJW, Serizawa RR, Kristiansen VB, Basse AL, Boilesen AEB, Olsen BH, Hansen T, Gluud LL, Madsbad S, Larsen S\*, Bendtsen F\*, Dela F\*. No impact of NAFLD severity on hepatic and adipose tissue mitochondrial respiration, but hepatic respiration and mitochondrial biogenesis increase after bariatric surgery. *Nature Communications*. 25;13(1)2931, 2022.  
\*Denotes joint senior authorship

Sandholdt C, Srivarathan A, Kristiansen M, Malling GMH, Olesen KVM, Jeppesen M, Lund R. Undertaking graphic facilitation to enable participation in health promotion interventions in disadvantaged neighbourhoods in Denmark. *Health Promotion International*. 37(S2):ii48-ii59, 2022.

Schwennesen N, Lopez Gometz D. Becoming old with a dog: Human-animal entanglements in later life transitions. In: Douglas C, Whitehouse A, and Árnason A (eds) *More-than-human-aging*. Rutgers University Press, New Brunswick, 2022.

Silva J, Alkan F, Ramalho S, Snieckute G, Prekovic S, Garcia AK, Hernández-Pérez S, van der Kammen R, Barnum D, Hoekman L, Altelaar M, Zwart W, Suijkerbuijk SJE, Bekker-Jensen S, Faller WJ. Ribosome impairment regulates intestinal stem cell identity via ZAK $\alpha$  activation. *Nat Commun*. 13(1):4492, 2022.

Skov Husted KL, Brink-Kjaer A, Henneberg KÅ, Dissing Sorensen HB, Brings Jacobsen JC, Helge JW. Proposition of a biological age index to estimate life expectancy from physiological biomarkers of healthy aging. *JMIR AGING*. 5:e35696, 2022.

Snieckute G, Genzor AV, Vind AC, Ryder L, Stoneley M, Chamois S, Dreos R, Nordgaard C, Sass F, Blasius M, López AR, Brynjólfssdóttir SH, Andersen KL, Willis AE, Frankel LB, Poulsen SS, Gatfield D, Gerhart-Hines Z, Clemmensen C, Bekker-Jensen S. Ribosome stalling is a signal for metabolic regulation by the ribotoxic stress response. *Cell Metab*. 34(12):2036-2046.e8, 2022.

Soendenbroe C, Dahl CL, Meulengracht C, Tamas M, Svensson RB, Schjerling P, Kjaer M, Andersen JL, Mackey AL. Preserved stem cell content and innervations profile of elderly human skeletal muscle with lifelong recreational exercise. *J Physiol*. 600:1969-1989, 2022.

Soendenbroe C, Heisterberg MF, Schjerling P, Kjaer M, Andersen JL, Mackey AL. Human skeletal muscle acetylcholine receptor gene expression in elderly males performing heavy resistance exercise. *Am J Physiol*. 323:C159-C169, 2022.

Song P, Liu S, Liu D, Keijzers G, Bakula D, Duan S, de Wind N, Ye Z, Vakhrushev SY, Scheibye-Knudsen M, Rasmussen LJ. CNOT6: A Novel Regulator of DNA Mismatch Repair. *Cells*. 2;11(3):521, 2022.

Sørensen K, Sørensen JK, Andersen LL, Eskildsen Bruun J, Conway PM, Framke E, Madsen IEH, Nielsen HB, Nordentoft M, Seeberg KGV, Rugulies R. Leadership behaviours and health-related early exit from employment: a prospective cohort study of 55 364 employees. *European Journal of Public Health*. 32:709-715, 2022.

Spakman D, Clement TVM, Biebricher AS, King GA, Singh MI, Hickson ID, Peterman EJG, Wuite GJL. PICH acts as a force-dependent nucleosome remodeler. *Nature Communications*. 13:7277, 2022.

Srivarathan A. 'You Are Kind of Like One of Us': Exploring Researcher Positioning in Studying Community-Based Health Promotion Interventions Among Social Housing Residents of Danish, Turkish and Pakistani Origin. *Qual Health Res.* 32(4):599-608, 2022.

Srivarathan A, Kristiansen M, Jørgensen TSH, Lund R. The association between social integration and neighborhood dissatisfaction and unsafety: a cross-sectional survey study among social housing residents in Denmark. *Archives of Public Health.* 80(190), 2022.

Thomsen MS, Johnsen KB, Kucharz K, Lauritzen M, Moos T. Blood–Brain Barrier Transport of Transferrin Receptor-Targeted Nanoparticles. *Pharmaceutics.* 14:2237-2247, 2022.

Tsuchiya Y, Bayer ML, Schjerling P, Soendenbroe C, Kjaer M. Human derived tendon cells contribute to myotube formation in vitro. *Exp Cell Res.* 5:113164-74, 2022.

Vajen B, Bhowmick R, Greiwe L, Schäffer V, Eilers M, Reinkens T, Stalke A, Schmidt G, Fiedler J, Thum T, de Luca D, Hickson ID, Schlegelberger B, Illig T, Skawran B. MicroRNA-449a inhibits triple negative breast cancer by disturbing DNA repair and chromatid separation. *Int. J. Molec. Sci.* 23:5131, 2022.

Vestergaard MB, Lindberg U, Knudsen MH, Urdanibia-Centelles O, Bakhtiari A, Mortensen EL, Osler M, Fagerlund B, Benedek K, Lauritzen M, Larsson HBW. Subclinical cognitive deficits are associated with reduced cerebrovascular response to visual stimulation in mid-sixties men. *Geroscience.* 44(4):1905-1923, 2022.

Westergaard K, Skovgaard L, Magyari M, Kristiansen M. Patient perspectives on patient-reported outcomes in multiple sclerosis treatment trajectories: a qualitative study of why, what, and how? *Multiple Sclerosis and Related Disorders.* 58:103475, 2022.

Wiggers A, Ashina H, Hadjikhani N, Sagare A, Zlokovic B, Lauritzen M, Ashina M. Brain barriers and their potential role in migraine pathophysiology. *The Journal of Headache and Pain.* 23(1):1-10, 2022.

Wnorowski A, Dudzik D, Bernier M, Wójcik J, Keijzers G, Diaz-Ruiz A, Mazur K, Zhang Y, Han H, Scheibye-Knudsen M, Jozwiak K, Barbas C, Wainer IW. Deprogramming metabolism in pancreatic cancer with a bi-functional GPR55 inhibitor and biased  $\beta<sub>2</sub>$  adrenergic agonist. *Sci Rep.* 7;12(1):3618, 2022.

Yeung CC, Dondelinger F, Schoof EM, Georg B, Lu Y, Zheng Z, Zhang J, Hannibal J, Fahrenkrug J, Kjaer M. Circadian Regulation of Protein Cargo in Extracellular Vesicles. *Science Adv.* 8:eabc9061, 2022.

## 2023

Adsersen M, Thygesen LC, Kristiansen M, Hansen MB, Neergaard MAA, Groenvold M. Higher overall admittance of immigrants to specialised palliative care in Denmark: a nationwide register-based study of 99,624 patients with cancer. *Supportive Care in Cancer.* 31(2):132, 2023.

Allard NAE, Orlando P, Janssen L, Larsen S, Tiano L, Hopman MTE, Timmers S. The Effect of Exercise Training on Muscle Coenzyme Q10 in Symptomatic and Asymptomatic Statin Users. *JACC Basic Transl Sci.* 8(12):1592-1594, 2023.

Andersen EB, Kristiansen M, Bernt Jørgensen SM. Barriers and facilitators to return to work following cardiovascular disease: A systematic review and meta-synthesis of qualitative research. *BMJ Open.* 13(1):e069091, 2023.

Andersen LPS, Biering K, Conway PM. Negative Acts as Risk Factor for Work-Related Violence and Threats from Clients towards Employees: A Follow-Up Study. *Int J Environ Res Public Health.* 20(4):3358, 2023.

Anugula S, Li Z, Li Y, Hendriksen A, Christensen PB, Wang L, Monk JM, de Wind N, Bohr VA, Desler C, Naviaux RK, Rasmussen LJ. Rev1 deficiency induces a metabolic shift in MEFs that can be manipulated by the NAD<sup>+</sup> precursor nicotinamide riboside. *Heliyon*. 9(6):e17392, 2023.

Bager Christensen I, Blom I, Dohlmann TL, Finger F, Helge JW, Gerhart-Hines Z, Dela F, Larsen S. Effect of simvastatin treatment on mitochondrial function and inflammatory status of human white adipose tissue. *J Clin Endocrinol Metab*. 108(10):e916-e922, 2023.

Bakhtiari A, Petersen J, Urdanibia-Centelles O, Ghazi MM, Fagerlund B, Mortensen EL, Osler M, Lauritzen M, Benedek K. Power and distribution of evoked gamma oscillations in brain aging and cognitive performance. *Geroscience*. 45(3):1523-1538, 2023.

Bakhtiari A, Vestergaard MB, Benedek K, Fagerlund B, Mortensen EL, Osler M, Lauritzen M, Larsson HBW, Lindberg U. Changes in hippocampal volume during a preceding 10-year period do not correlate with cognitive performance and hippocampal blood-brain barrier permeability in cognitively normal late-middle-aged men. *Geroscience*. 45(2):1161-1175, 2023.

Bergien SO, Marie L, Kristiansen M, Lasse S. Loneliness among older adults with multiple sclerosis in Denmark. *Multiple Sclerosis Journal*. 29(1), 2023.

Bergien SO, Siersma VD, Kristiansen M, Skovgaard L. Social relations and leisure activities as predictors of wellbeing among older adults with multiple sclerosis: A cross-sectional survey study in Denmark. *Multiple Sclerosis and Related Disorders*. 77:104878, 2023.

Bergien SO, Skovgaard L, Kristiansen M. Unfolding biographies-a participatory narrative study on how older adults with multiple sclerosis make sense of and manage their everyday lives. *BMC Geriatr*. 23(1):794, 2023.

Bergien SO, Steenberg JL, Kristiansen M, Lasse S. Translating MS research into practice – a participatory approach. *Multiple Sclerosis Journal*. 29(1):28, 2023.

Bernt Jørgensen SM, Gerds TA, Johnsen NF, Gislason G, El-Chouli M, Brøndum S, Maribo T, Kristiansen M. Diagnostic group differences in return to work and subsequent detachment from employment following cardiovascular disease: a nationwide cohort study. *Eur J Prev Cardiol*. 30(2):182–190, 2023.

Bernt Jørgensen SM, Johnsen NF, Maribo T, Brøndum S, Gislason G, Kristiansen M. Factors shaping return to work: a qualitative study among heart failure patients in Denmark. *Disabil Rehabil*. Oct 11:1-11, 2023.

Bhowmick R, Hickson ID\*, Liu Y\*. Completing genome replication outside of S-phase. *Molecular Cell*. 83(20):3596-3607 2023. \*Co-corresponding authors.

Cacace M, Böcken J, Edquist K, Klenk T, Martinez-Jimenez M, Preusker U, Vrangbaek K, Waitzberg R. Coping with COVID-19: the role of hospital care structures and capacity expansion in five countries. *Health Economics, Policy and Law*. 18(2):186-203, 2023.

Cai C, Zambach SA, Grubb S, Tao L, He C, Lind BL, Thomsen KJ, Zhang X, Hald BO, Nielsen RM, Kim K, Devor A, Lönstrup M, Lauritzen MJ. Impaired dynamics of precapillary sphincters and pericytes at first-order capillaries predict reduced neurovascular function in the aging mouse brain. *Nat Aging*. 3(2):173-184, 2023.

Chauhan C, Martinez-Val A, Niedenthal R, Olsen JV, Kotlyarov A, Bekker-Jensen S, Gaestel M, Menon MB. PRMT5-mediated regulatory arginine methylation of RIPK3. *Cell Death Discov*. 9(1):14, 2023.

Christensen DL, Westgate K, Griffiths L, Sironga J, Maro VP, Helge JW, Larsen S, Bygbjerg IC, Ramaiya K, Jensen J, Brage S. Energy expenditure and intensity of ritual jumping-dancing in male Maasai. *Am. J Human Biol.* 35(9):e23907, 2023.

Christensen IB, Abrahamsen ML, Ribas L, Buch-Larsen C, Marina D, Andersson M, Larsen S, Schwarz P, Dela F, Gillberg L. Peripheral blood mononuclear cells exhibit increased mitochondrial respiration after adjuvant chemo-and radiotherapy for early breast cancer. *Cancer Med.* 12(16):16985-16996, 2023.

Christensen IB, Blom I, Dohlmann TL, Finger FM, Helge JW, Gerhart-Hines Z, Dela F, Larsen S. Effect of simvastatin treatment on mitochondrial function and inflammatory status of human white adipose tissue. *JCEM.* 108(10):e916-e922, 2023.

Christiansen J, Pedersen SS, Andersen CM, Qualter P, Lund R, Lasgaard M. Loneliness, social isolation, and healthcare utilization in the general population. *Health Psychology.* (42):63-72, 2023.

Conway PM, Rose U, Formazin M, Schöllgen I, d'Errico A, Balducci C, Burr H. Long-term associations of psychosocial working conditions with depressive symptoms and work-related emotional exhaustion: comparing effects in a 5-year prospective study of 1949 workers in Germany. *International Archives of Occupational and Environmental Health.* 96:661-674, 2023.

Correia CM, Präestholm SM, Havelund JF, Pedersen FB, Siersbæk MS, Ebbesen MF, Gerhart-Hines Z, Heeren J, Brewer J, Larsen S, Blagoev B, Færgeman NJ, Grøntved L. Acute Deletion of the Glucocorticoid Receptor in Hepatocytes Disrupts Postprandial Lipid Metabolism in Male Mice. *Endocrinology.* 164(10):bqad128, 2023.

Cotta A, Kristiansen M. Enacting person-centred care: a multi-perspective study of practices in clinical encounters for people living with chronic kidney disease. *BMC Nephrology.* 24(1):185, 2023.

Cramer A, Højfeldt G, Schjerling P, Agergaard J, van Hall G, Olsen J, Hölmich P, Kjaer M, Barfod KW. Achilles tendon tissue turnover before and immediately after an acute rupture. *Am J Sports Med.* 51:2396-240+3, 2023.

Cummings J, Zhang X, Gandré C, Morsella A, Shields-Zeeman L, Winkelmann J, Allin S, Cascini F, Augusto GF, Cserháti Z, De Belvis A, Eriksen A, Fronteira I, Jamieson M, Murauskiene L, Palmer WJ, Ricciardi W, Samuel H, Scintee SG, Taube M, Vrangbæk K, Van Ginneken E. Challenges facing mental health systems arising from the COVID-19 pandemic: Evidence from 14 European and North American countries. *Health Policy.* 136(104878), 2023.

Dahlgaard Hansen IM, Wismann JF, Sahl RE, Frandsen J, Hansen M, Ingersen A, Schmücker M, Modvig JL, Dela F, Larsen S, Helge JW. Maximal Fat Oxidation Rate across the adult lifespan of trained women. *EJSS,* (accepted) 2023.

Dan X, Yang B, McDevitt RA, Gray S, Chu X, Claybourne Q, Figueroa DM, Zhang Y, Croteau DL, Bohr VA. Loss of smelling is an early marker of aging and is associated with inflammation and DNA damage in C57BL/6J mice. *Aging Cell.* 22(4):e13793, 2023.

Danino Y, Molitor L, Rosenbaum-Cohen T, Kaiser S, Cohen Y, Porat Z, Marmor-Kollet H, Katina C, Savidor A, Rotkopf R, Ben-Isaac E, Golani O, Levin Y, Hickson ID, Monchaud D, Hornstein E. BLM helicase protein negatively regulates stress granule formation through unwinding RNA G-quadruplex structures. *Nucleic Acids Research.* 51(17):9369-9384, 2023.

Demnitz N, Gates AT, Mortensen EL, Garde E, Wimmelmann CL, Siebner HR, Kjaer M, Boraxbekk CJ. Is it all in the baseline? Trajectories of chair stand performance over 4 years and their association with grey matter structure in older adults. *Hum Brain Mapp.* 44:4299-4309, 2023.

Demnitz N, Hulme OJ, Siebner HR, Kjaer M, Ebmeier KP, Boraxbekk CJ, Gillan CM. Characterising the covariance pattern between lifestyle factors and structural brain measures: a multivariable replication study of two independent ageing cohorts. *Neurobiol Aging.* 131:115-123, 2023.

Edouard P, Reurink G, Mackey AL, Lieber RL, Pizzari T, Järvinen TAH, Gronwald T, Hollander K. Traumatic muscle injury. *Nat Rev Dis Primers.* 9(1):56, 2023.

Flensborg-Madsen T, Mortensen EL, Dammeyer J, Wimmelmann CL. Early Motor Developmental Milestones and Personality Traits in Midlife: A 50-Year Follow-Up Study. *Children (Basel)*. 10(4):718, 2023.

Galvan-Alvarez V, Gallego-Selles A, Martinez-Canton M, García-Gonzalez E, Gelabert-Rebato M, Ponce-Gonzalez JG, Larsen S, Morales-Alamo D, Losa-Reyna J, Perez-Suarez I, Dorado C, Perez-Valera M, Holmberg HC, Boushel R, de Pablos Velasco P, Helge JW, Martin-Rincon M, Calbet JAL. Antioxidant enzymes and Nrf2/Keap1 in human skeletal muscle: Influence of age, sex, adiposity and aerobic fitness. *Free Radic Biol Med*. 209(Pt 2):282-291, 2023.

Grønfeldt LM, Clark GM, Bigelow FJ, Fuller-Tyszkiewicz M, Knibbs LD, Mavoa S, Flensborg-Madsen T, Bentzen P, Lum JAG, Enticott PG. Green enrichment for better mind readers? Residential nature and social brain function in childhood. *Journal of Environmental Psychology*. 8:102029, 2023.

Grünenberg K, Simonsen A. Securing the Future? IDentity and Security among Migrants, Policymakers, and Tech Developers. *Papeles del CEIC*. 1(280):1-17, 2023.

Gurkar AU, Gerencser AA, Mora AL, Nelson AC, Zhang AR, Lagnado AB, Enninful A, Benz C, Furman D, Beaulieu D, Jurk D, Thompson EL, Wu F, Rodriguez F, Barthel G, Chen H, Phatnani H, Heckenbach I, Chuang JH, Horrell J, Petrescu J, Alder JK, Lee JH, Niedernhofer LJ, Kumar M, Königshoff M, Bueno M, Sokka M, Scheibye-Knudsen M, Neretti N, Eickelberg O, Adams PD, Hu Q, Zhu Q, Porritt RA, Dong R, Peters S, Victorelli S, Pengo T, Khaliullin T, Suryadevara V, Fu X, Bar-Joseph Z, Ji Z, Passos JF. Spatial mapping of cellular senescence: emerging challenges and opportunities. *Nat Aging*. 3(7):776-790, 2023.

Hansen MT, Husted KLS, Fogelstrøm M, Rømer T, Schmidt SE, Sørensen K, Helge J. Accuracy of a Clinical Applicable Method for Prediction of VO<sub>2</sub>max Using Seismocardiography. *Int J Sports Med*. 44(9):650-656, 2023.

Hansen MT, Rømer T, Højgaard A, Husted K, Sørensen K, Schmidt SE, Dela F, Helge JW. Validity and reliability of seismocardiography for the estimation of cardiorespiratory fitness. *Cardiovasc Digit Health J*. 4(5):155-163, 2023.

Hanson LLM, Pentti J, Nordentoft M, Xu T, Rugulies R, Madsen IEH, Conway PM, Westerlund H, Vahtera J, Ervasti J, Batty GD, Kivimäki M. Association of workplace violence and bullying with later suicide risk: a multicohort study and meta-analysis of published data. *Lancet Public Health*. 8:e494-e503, 2023.

Heckenbach I, Powell M, Fuller S, Henry J, Rysdyk S, Cui J, Teklu AA, Verdin E, Benz C, Scheibye-Knudsen M. Breast cancer risk based on a deep learning predictor of senescent cells in normal tissue. *medRxiv [Preprint]*. 2023.

Heckenbach I, Scheibye-Knudsen M. Tracking the dynamics of cellular senescence. *Aging (Albany NY)*. 15(9):3219-3220, 2023.

Hertz EPT, Alonso-de Vega I, Kruse T, Wang Y, Hendriks IA, Bizard AH, Nielsen ML, Nilsson J, Hickson ID, Mailand N. The SUMO-NIP45 pathway processes toxic DNA catenanes to prevent mitotic failure. *Nature Struct. Molec. Biol.* 30(9):1303-1313, 2023.

Hillersdal L, Grünenberg K. 'Den Nordiske Model': rejsende velfærdsvisioner for ældreomsorg i Danmark og Sydkorea. *Tidsskriftet Antropologi*, 86, special issue Aldring, 2023.

Hoeffner R, Svensson RB, Dietrich-Zagonel F, Schefte D, Kjaer M, Eliasson P, SP Magnusson. Muscle fascicle and sarcomere adaptation in response to Achilles tendon elongation in an animal model. *J Appl Physiol*. 135(2):326-333, 2023.

Højfeldt G, Sorenson T, Gonzales A, Kjaer M, Andersen JL, Mackey AL. Fusion of myofibre branches is a physiological feature of healthy human skeletal muscle regeneration. *Skelet Muscle*. 13(1):13, 2023.

Hou Y, Park JH, Dan X, Chu X, Yang B, Hussain M, Croteau DL, Bohr VA. RecQ dysfunction contributes to social and depressive-like behavior and affects aldolase activity in mice. *Neurobiol Dis.* 180:106092, 2023.

Hussain M, Chu X, Duan Sahbaz B, Gray S, Pekhale K, Park JH, Croteau DL, Bohr VA. Mitochondrial OGG1 expression reduces age-associated neuroinflammation by regulating cytosolic mitochondrial DNA. *Free Radic Biol Med.* 203:34-44, 2023.

Ingersen A, Schmücker M, Alexandersen C, Graungaard B, Thorngreen T, Borch J, Holst JJ, Helge JW, Dela F. Effects of aerobic training and semaglutide treatment on pancreatic β-cell function in patients with type 2 diabetes. *JCEM.* 108(11):2798-2811, 2023.

Jakobsen JR, Mackey AL, Koch M, Imhof T, Hannibal J, Kjaer M, Krogsgaard MR. Larger interface area at the human myotendinous junction in type 1 compared with type 2 muscle fibers. *Scand J Med Sci Sports.* 33(2):136-145, 2023.

Jensen GG, Busch MB, Piovesan M, Haerter JO. Nudging cooperation among agents in an experimental social network. *Appl Netw Sci.* 8(1):62, 2023.

Johansen VBI, Snieckute G, Vind AC, Blasius M, Bekker-Jensen S. Computational and Functional Analysis of Structural Features in the ZAKα Kinase. *Cells.* 12(6):969, 2023.

Jørgensen AEM, Schjerling P, Della Valle B, Rungby J, Kjaer M. Acute loading has minor influence on human articular cartilage gene expression and glycosaminoglycan composition in late-stage knee osteoarthritis: A randomised controlled trial. *Osteoarthritis Cartilage.* 31:884-893, 2023.

Kallemose T, Kirk JW, Karlsen E, Seing I, Stefánsdóttir NP, Vrangbæk K, Andersen O, Nilsen P. Political trust in the handling of the COVID-19 pandemic: a survey in Denmark and Sweden. *BMC Public Health,* 2023.

Karlsen A, Yeung CC, Schjerling P, Denz L, Hoegsbjerg C, Jakobsen JR, Krogsgaard MR, Koch, Schiaffino S, Kjaer M, Mackey AL. Distinct myofiber domains of the human myotendinous junction revealed by single nucleus RNA-seq. *J Cell Sci.* 136(8) jcs260913, 2023.

Klein AB, Ranea-Robles P, Nicolaisen TS, Gil C, Johann K, Quesada JP, Pistolevij N, Hviid KVR, Fich L, Offersen SM, Helge JW, Nielsen HS, Bakker J, Kleinert M, Clemmensen C. Cross-species comparison of pregnancy-induced GDF15. *Am J Physiol Endocrinol Metab.* 325(4):E303-E309, 2023.

Kraus M, Stegner C, Reiss M, Riedel M, Børsch AS, Vrangbaek K, Michel M, Turmaine K, Cseh B, Dózsa CL, Dandi R, Mori AR, Czypionka T. The role of primary care during the pandemic: shared experiences from providers in five European countries. *BMC Health Serv Res.* 23(1):1054, 2023.

Kristiansen M, Jensen AN, Srivarathan A. Mod bæredygtige offentlig-private strategiske partnerskaber i life science: anbefalinger fra partnerskabsevalueringen af Erhvervsfyrtårn Life Science – Sund Vægt, 2023.

Available at <https://www.danishlifesciencecluster.dk/wp-content/uploads/2023/06/Whitepaper-10-anbefalinger-Mod-baeredygtige-offentlig-private-strategiske-partnerskaber-i-life-science.pdf>

Kristiansen M. Etnicitet. In: *Patient. Grundbog i sygepleje*, N. Twistholm and D. B. Danboerg (eds), Copenhagen: Munksgaard, 3rd edition, p. 184-203, 2023.

Krogsgaard A, Sperling L, Dahlqvist M, Thomsen K, Vydmantaite G, Li F, Thunemann M, Lauritzen M, Lind BL. PV interneurons evoke astrocytic Ca<sup>2+</sup> responses in awake mice, which contributes to neurovascular coupling. *Glia.* 71(8):1830-1846, 2023.

Kunneman M, Griffioen IPM, Labrie NHM, Kristiansen M, Montori VM, van Beusekom MM. Making Care Fit Working Group. Making care fit manifesto. *BMJ Evid Based Med.* 28(1):5-6, 2023.

- Kvorning MF, Nygaard SS, Srivarathan A, Lau CJ, Lund R. Social relations and health in an ethnically diverse social housing area selected for large structural changes compared to municipal levels: a Danish survey study. *BMC Public Health*. 23:379, 2023.
- Ladegaard Y, Dalgaard VL, Conway PM, Eller NH, Skakon J, Maltesen T, Scheike T, Netterstrøm B. Notified occupational mental disorders: associations with health and income. *Occupational Medicine*. 73:66-72, 2023.
- Lewis TAC, Tabrizian L, Nielsen J, Laitila J, Beck TN, Olsen MS, Ognjanovic MM, Aagaard P, Hokken R, Laugensen S, Ingersen A, Andersen JL, Soendenbroe C, Helge JW, Dela F, Larsen S, Sahl RE, Rømer T, Hansen MT, Frandsen J, Suetta C, Ochale J. Physical activity impacts resting skeletal muscle myosin conformation and lowers its ATP consumption. *Journal of General Physiology*. 155(7):e202213268, 2023.
- Liu X, Whalen AJ, Ryu SB, Lee SW, Fried SI, Kim K, Cai C, Lauritzen M, Bertram N, Chang B, Yu T, Han A. MEMS micro-coils for magnetic neurostimulation. *Biosens Bioelectron*. 1;227:115143, 2023.
- Lobo EH, Abdelrazek M, Frølich A, Rasmussen LJ, Livingston PM, Islam SMS, Kensing F, Grundy J. Detecting user experience issues from mHealth apps that support stroke caregiver needs: an analysis of user reviews. *Front Public Health*. 11:1027667, 2023.
- Lobo EH, Frølich A, Abdelrazek M, Rasmussen LJ, Grundy J, Livingston PM, Islam SMS, Kensing F. Information, involvement, self-care and support-The needs of caregivers of people with stroke: A grounded theory approach. *PLoS One*. 18(1):e0281198, 2023.
- López AR, Jørgensen MH, Havelund JF, Arendrup FS, Kolapalli SP, Nielsen TM, Pais E, Beese CJ, Abdul-Al A, Vind AC, Bartek J, Bekker-Jensen S, Montes M, Galanos P, Faergeman N, Happonen L, Frankel LB. Autophagy-mediated control of ribosome homeostasis in oncogene-induced senescence. *Cell Rep*. 42(11):113381, 2023.
- Madsen HB, Pease LI, Scanlan RL, Akbari M, Rasmussen LJ, Shanley DP, Bohr VA. The DNA repair enzyme, aprataxin, plays a role in innate immune signaling. *Front Aging Neurosci*. 15:1290681, 2023.
- Mansur H, Durigan JLQ, de Noronha M, Kjaer M, Magnusson SP, de Araujo BAS, de Cassia Marqueti R. Differences in the cross-sectional area along the ankle tendons with both age and sex. *J Anat*. 242:213-223, 2023.
- Mei T, Li Y, Orduña Dolado A, Li Z, Andersson R, Berliocchi L, Rasmussen LJ. Pooled analysis of frontal lobe transcriptomic data identifies key mitophagy gene changes in Alzheimer's disease brain. *Front Aging Neurosci*. 15:1101216, 2023.
- Meyrowitsch DW, Kristiansen M, Konradsen F. På vej mod bæredygtig trivsel og sundhed for alle. In Hildebrandt S (ed), *Det Bæredygtige Danmark. Med Verdensmålene mod 2030*. København: Djøf Forlag, p. 99-120, 2023.
- Molano-Fernández M, Hickson ID, Herranz H. Cyclin E overexpression in the Drosophila accessory gland induces tissue dysplasia. *Frontiers in Cell and Developmental Biology*. 10:992253, 2023.
- Mygind L, Greenwood C, Letcher P, Mavoa S, Lycett K, Wang Y, Flensburg-Madsen T, Bentzen P, Macdonald JA, Thomson K, Hutchinson D, Olsson CA, Enticott PG. Is Neighborhood Nature an Ecological Precursor of Parenting Practices, Infant-Parent Bonding, and Infant Socioemotional Function? *Environment and Behavior*. 55(4):278-306, 2023.
- Nervesen SC, Nilsson CJ, Davidsen K, Kriegbaum M, Lund R. Life course partnership history and objectively measured physical functional ability in Danish middle-aged adults. *J Epidemiol Community Health*. 77(6):369-74, 2023.
- Netterstrøm R, Kutuzov N, Darkner S, Pallesen MJ, Lauritzen M, Erleben K et al. Deep Learning-Assisted Localisation of Nanoparticles in synthetically generated two-photon microscopy images. arXiv.org. 2023.

Nielsen LB, Svensson RB, Fredskild NU, Mertz KH, Magnusson SP, Kjaer M, Bayer ML. Chronic changes in muscle architecture and aponeurosis structure following calf muscle strain injuries. *Scand J Med Sci Sports*. 33(12):2585-2597, 2023.

Nilsen P, Seing I, Sekhon M, Kallemose T, Tjørnhøj-Thomsen T, Stefánsdóttir NT, Vrangbæk K, Andersen O, Kirk JW. Acceptability of restrictions in the COVID-19 pandemic: a population-based survey in Denmark and Sweden. *Front Public Health*. 11:988882, 2023.

Nygaard SS, Høj Jørgensen TS, Srivarathan A, Brønnum-Hansen H, Kivikoski C, Kristiansen M, Lund R. Association Between Urban Regeneration and Healthcare-Seeking Behavior of Affected Residents: A Natural Experiment in two Multi-Ethnic Deprived Housing Areas in Denmark. *Int J Soc Determinants Health Health Serv*. 53(3):331-342, 2023.

Nygaard SS, Jorgensen TSH, Wium-Andersen IK, Brønnum-Hansen H, Lund R. Is urban regeneration associated with antidepressants or sedative medication users: a registry-based natural experiment. *J Epidemiol Community Health*. 77(4):237-243, 2023.

Okur MN, Sahbaz BD, Kimura R, Manor U, Patel J, Park JH, Andrade L, Puligilla C, Croteau DL, Bohr VA. Long-term NAD<sup>+</sup> supplementation prevents the progression of age-related hearing loss in mice. *Aging Cell*. 22(9):e13909, 2023.

Pedersen ZO, Pedersen BS, Larsen S, Dysgaard T. A Scoping Review Investigating the "Gene-Dosage Theory" of Mitochondrial DNA in Healthy Skeletal Muscle. *International Journal of Molecular Sciences*. 24(9):8154, 2023.

Perrone R, Ashok Kumaar PV, Haky L, Hahn C, Riley R, Balough J, Zaza G, Soygur B, Hung K, Prado L, Kasler HG, Tiwari R, Matsui H, Hormazabal GV, Heckenbach I, Scheibye-Knudsen M, Duncan FE, Verdin E. CD38 regulates ovarian function and fecundity via NAD<sup>+</sup> metabolism. *iScience*. 26(10):107949, 2023.

Pietilä R, Del Gaudio F, He L, Vázquez-Liébanas E, Vanlandewijck M, Muhl L, Mocci G, Bjørnholm KD, Lindblad C, Fletcher-Sandersjöö A, Svensson M, Thelin EP, Liu J, van Voorden AJ, Torres M, Antila S, Xin L, Karlström H, Storm-Mathisen J, Bergersen LH, Moggio A, Hansson EM, Ulvmar MH, Nilsson P, Mäkinen T, Andaloussi Mäe M, Alitalo K, Proulx ST, Engelhardt B, McDonald DM, Lendahl U, Andrae J, Betsholtz C. Molecular anatomy of adult mouse leptomeninges. *Neuron*. 111(23):3745-3764.e7, 2023.

Pinto NA, Abba MC, Laporte L, Pérez Sáez JM, Blidner AG, Torres NI, Morales RM, Gatto SG, Bach CA, Veigas F, García Rivello HJ, Song P, Frederiksen JH, Rasmussen LJ, Poirier F, Croci DO, Sundblad V, Rabinovich GA, Cerliani JP. Galectin-7 reprograms skin carcinogenesis by fostering innate immune evasive programs. *Cell Death Differ*. 30(4):906-921, 2023.

Qayyum AA, van Klarenbosch B, Friljak S, Cerar A, Poglajen G, Traxler-Weidenauer D, Nadrowski P, Paitazoglou C, Vrtovec B, Bergmann MW, Chamuleau SAJ, Wojakowski W, Gyöngyösi M, Kraaijeveld A, Hansen KS, Vrangbaek K, Jørgensen E, Helqvist S, Joshi FR, Johansen EM, Follin B, Juhl M, Højgaard LD, Mathiasen AB, Ekblond A, Haack-Sørensen M, Kastrup J; SCIENCE Investigators. Effect of allogeneic adipose tissue-derived mesenchymal stromal cell treatment in chronic ischaemic heart failure with reduced ejection fraction - the SCIENCE trial. *Eur J Heart Fail*. 25(4):576-587, 2023.

Quentin W, Achstetter K, Barros PP, Blankart CR, Fattore G, Jeurissen P, Kwon S, Laba T, Or Z, Papanicolau I, Polin K, Shuftan N, Sutherland J, Vogt V, Vrangbaek K, Wendt C. Health Policy - the best evidence for better policies. *Health Policy*. 127:1-4, 2023.

Rasmussen SKB, Lidegaard LL, Pisinger C, Johnsen NF, Kristiansen M. Implementation fidelity of a smoke-free workplace intervention in a private medical company: A mixed-method process evaluation. *Tobacco Prevention & Cessation*. 9(17), 2023.

Raun SH, Ali MS, Han X, Henriquez-Olguin C, Pham TCP, Meneses-Valdes R, Knudsen JR, Willemsen ACH, Larsen S, Jensen TE, Langen R, Sylow L. Adenosine monophosphate-activated protein kinase is elevated in human cachectic muscle and prevents cancer-induced metabolic dysfunction in mice. *J Cachexia Sarcopenia Muscle.* 14(4):1631-1647, 2023.

Roberts MD, McCarthy JJ, Hornberger TA, Phillips SM, Mackey AL, Nader GA, Boppart MD, Kavazis AN, Reidy PT, Ogasawara R, Libardi CA, Ugrinowitsch C, Booth FW, Esser KA. Mechanisms of mechanical overload-induced skeletal muscle hypertrophy: current understanding and future directions. *Physiol Rev.* 103(4):2679-2757, 2023.

Robles-González L, Aguilar-Navarro M, López-Samanes Á, Ruiz-Moreno C, Muñoz A, Varillas-Delgado D, Gutiérrez-Hellín J, Helge JW, Ruiz JR, Amaro-Gahete FJ. No diurnal variation is present in maximal fat oxidation during exercise in young healthy women: A cross-over study. *Eur J Sport Sci.* 23(6):936-942, 2023.

Rokamp KZ, Dela F, Secher NH, Grønlykke L, Thorsteinsson B, Pedersen-Bjergaard U. Impact of Polymorphism in the  $\beta$ 2-Receptor Gene on the Metabolic Response to Epinephrine After Repeated Hypoglycemia. *Diabetes.* 72(6):728-734, 2023.

Rose U, Kersten N, Pattloch D, Conway PM, Burr H. Associations between depressive symptoms and 5-year subsequent work nonparticipation due to long-term sickness absence, unemployment and early retirement in a cohort of 2,413 employees in Germany. *BMC Public Health.* 23(1):2159, 2023.

Ryberg M, Boraxbekk CJ, Kjaer M, Demnitz N. Effects of acute physical activity on brain metabolites as measured by magnetic resonance spectroscopy (1H-MRS) in humans: A systematic review. *Heliyon.* 9(10):e20534, 2023.

Ryder L, Arendrup FS, Martínez JF, Snieckute G, Pecorari C, Shah RA, Lund AH, Blasius M, Bekker-Jensen S. Nitric oxide-induced ribosome collision activates ribosomal surveillance mechanisms. *Cell Death Dis.* 14(7):467, 2023.

Serhatlioglu M, Jensen EA, Niora M, Hansen AT, Nielsen CF, Jansman MMT, Hosta-Rigau L, Dziegieł MH, Berg-Sørensen K, Hickson ID, Kristensen A. Viscoelastic capillary flow cytometry. *Advanced NanoBiomed Research* (accepted) 2023.

Sinkam L, Boraschi-Diaz I, Svensson RB, Kjaer M, Komarova SV, Bergeron R, Rauch F, Veilleux LN. Tendon properties in a mouse model of severe osteogenesis imperfecta. *Connect Tissue Res.* 64(3):285-293, 2023.

Snieckute G, Ryder L, Vind AC, Wu Z, Arendrup FS, Stoneley M, Chamois S, Martinez-Val A, Leleu M, Dreos R, Russell A, Gay DM, Genzor AV, Choi BS, Basse AL, Sass F, Dall M, Dollet LCM, Blasius M, Willis AE, Lund AH, Treebak JT, Olsen JV, Poulsen SS, Pownall ME, Jensen BAH, Clemmensen C, Gerhart-Hines Z, Gatfield D, Bekker-Jensen S. ROS-induced ribosome impairment underlies ZAK $\alpha$ -mediated metabolic decline in obesity and aging. *Science.* 382(6675):eadf3208, 2023.

Soendenbroe C, Andersen JL, Mackey AL. Immunohistochemistry, Microscopy, and Image Analysis of Human Muscle Biopsies: Muscle Fiber Denervation as a Working Example. In *Neuromuscular Assessments of Form and Function.* Humana Press (Neuromethods, Vol. 204), p. 145-165. 2023.

Sola-García A, Cáliz-Molina MÁ, Espadas I, Petr M, Panadero-Morón C, González-Morán D, Martín-Vázquez ME, Narbona-Pérez ÁJ, López-Noriega L, Martínez-Corrales G, López-Fernández-Sobrino R, Carmona-Marín LM, Martínez-Force E, Yanes O, Vinaixa M, López-López D, Reyes JC, Dopazo J, Martín F, Gauthier BR, Scheibye-Knudsen M, Capilla-González V, Martín-Montalvo A. Metabolic reprogramming by Acly inhibition using SB-204990 alters glucoregulation and Modulates molecular mechanisms associated with aging. *Commun Biol.* 8;6(1):250, 2023.

Sørensen CW, Sonne C, Sacha M, Kristiansen M, Hannemose SZ, Stein DJ, Carlsson J. Potential advantages of combining randomised controlled trials with qualitative research in mood and anxiety disorders - a systematic review. *Journal of Affective Disorders*. S0165-0327(23)00049-6, 2023.

Srivarathan A, Jørgensen TSH, Lund R, Nygaard SS, Kristiansen M. 'They are breaking us into pieces': A longitudinal multi-method study on urban regeneration and place-based social relations among social housing residents in Denmark. *Health and Place*. 79:102965, 2023.

Stonadge A, Genzor AV, Russell A, Hamed MF, Romero N, Evans G, Pownall ME, Bekker-Jensen S, Blanco G. Myofibrillar myopathy hallmarks associated with ZAK deficiency. *Hum Mol Genet*. 32(17):2751-2770, 2023.

Tsiachristas A, Vrangbæk K, Gongora-Salazar P, Kristensen SR. Integrated care in a Beveridge system: experiences from England and Denmark. *Health Econ Policy Law*. 18(4):345-361, 2023.

Tsuchiya Y, Svensson RB, Yeung CC, Schjerling P, Kjaer M. Tensile loaded tissue-engineered human tendon constructs stimulate myotube formation. *Tissue Eng Part A*. 29:292-305, 2023.

Tybjerg-Jeppesen A, Conway PM, Ladegaard Y, Jensen CG. Is a Positive Intergenerational Workplace Climate Associated with Better Self-Perceived Aging and Workplace Outcomes? A Cross-Sectional Study of a Representative Sample of the Danish Working Population. *Journal of Applied Gerontology*. 42:1212-1222, 2023.

van Kessel R, Forman R, Milstein R, Mastylak A, Czabanowska K, Czypionka T, Durand-Zaleski I, Hirche A, Krysinska-Pisarek M, Maynou L, Roberts B, Torbica A, Vrangbæk K, Wang Y, Wouters OJ, Mossialos E. Divergent COVID-19 vaccine policies: Policy mapping of ten European countries. *Vaccine*. 41(17):2804-2810, 2023.

Viggars MR, Owens DJ, Stewart C, Coirault C, Mackey AL, Jarvis JC. PCM1 labeling reveals myonuclear and nuclear dynamics in skeletal muscle across species. *Am J Physiol Cell Physiol*. 324(1):C85-C97, 2023.

Vind AC, Snieckute G, Bekker-Jensen S, Blasius M. Run, Ribosome, Run: From Compromised Translation to Human Health. *Antioxid Redox Signal*. Online ahead of print, 2023.

Vrangbæk K, Byrkjeflot H. Toward a Framework for Comparing Accountability Regimes in Healthcare. In *The Oxford Handbook of Governance and Public Management for Social Policy*, K. J. B. (ed.). New York: Oxford University Press, 737–C50.P94 (Oxford Handbooks), 2023.

Vrangbæk K. Structuring complexity? A systemic perspective on the implementation of a disease management programme for type II diabetes care in Denmark. *Health Econ Policy Law*. 18(1):49-65, 2023.

Yeung CC, Olesen AT, Wilson R, Lamandé SR, Bateman JF, Svensson RB, Magnusson SP, Kjaer M. Proteome profiles of intramuscular connective tissue: influence of aging and physical training. *J Appl Physiol*. 134(5):1278-1286, 2023.

Yeung CC, Svensson RB, Yurchenko K, Malmgaard-Clausen NM, Tryggesson I, Lendal M, Jokipii-Utzon A, Olesen JL, Lu Y, Kadler KE, Schjerling P, Kjaer M. Disruption of day-to-night changes in circadian gene expression with chronic tendinopathy. *J Physiol*. JP284083, 2023.

Zhang R, Bons J, Scheidemann G, Liu X, Bielska O, Carrico C, Rose J, Heckenbach I, Scheibye-Knudsen M, Schilling B, Verdin E. Histone malonylation is regulated by SIRT5 and KAT2A. *iScience*. 13;26(3):106193, 2023.

Zhou Y, Yu H, Vind AC, Kong L, Liu Y, Song X, Tu Z, Yun C, Smaill JB, Zhang QW, Ding K, Bekker-Jensen S, Lu X. Rational Design of Covalent Kinase Inhibitors by an Integrated Computational Workflow (Kin-Cov). *J Med Chem*. 66(11):7405-7420, 2023.

Zhukov O, He C, Soylu-Kucharz R, Cai C, Lauritzen AD, Aldana BI, Björkqvist M, Lauritzen M, Kucharz K. Preserved blood-brain barrier and neurovascular coupling in female 5xFAD model of Alzheimer's disease. *Front Aging Neurosci.* 15:1089005, 2023.

## A2: Expert Panels, Boards etc. for CEHAIII Researchers

- Danish Cancer Society, Scientific Board member (*Lene Juel Rasmussen*)
- The Danish Society for Molecular Medicine (*Lene Juel Rasmussen*)
- Lundbeck Foundation, Executive board and scientific board member (*Michael Kjær*)
- Member of the research board in Helsefonden (*Michael Kjær*)
- Det Gode Ældreliv Sundhedsstyrelsen, Advisors (*Karsten Vrangbæk, Aske Juul Lassen, Nete Schwennesen*)
- Rådet for tryghedsskabende velfærdsteknologi, Socialstyrelsen, Advisor (*Nete Schwennesen*)
- PACE Proactive Care for the Elderly with Dementia, Innovation Fund Denmark, Advisor (*Nete Schwennesen*)
- Danish Alzheimer Association, Researcher (*Nete Schwennesen*)
- European College of Sport Science, Chair of the Scientific Board (*Flemming Dela*), President Elect and Executive Board member (*Jørn Wulff Helge*)
- Arla Food For Health, Steering Committee member (*Jørn Wulff Helge*)
- CopenAge, Co-founder and board member (*Flemming Dela*)
- Dansk Selskab for Sundhedsøkonomi, Board member (*Karsten Vrangbæk*)
- CIRE Center for Integrated Cancer Rehabilitation, Steering board member (*Line Hillersdal*)
- Innovation Southern Denmark, Researcher member (*Line Hillersdal*)
- Digitaliseringsstyrelsen, Advisor (*Line Hillersdal*)
- Research Committee of the Danish Heart Foundation, Board member (*Maria Kristiansen*)
- The Capital Region Research Funding Program, Board member member (*Maria Kristiansen*)
- WHO Europe, aging section, Advisor (*Maria Kristiansen*)
- Åbenrå Municipality, Researcher (*Nete Schwennsen*)
- Copenhagen Municipality, Researcher (*Nete Schwennesen, Maria Kristiansen*)
- Ærø Municipality, Researcher (*Line Hillersdal*)
- Vordingborg, Aarhus and Vejle municipality (*Astrid Jespersen, Anéh Christina Hajdu*)
- European infrastructures – Danish Ministry of High Education and Sciences, Advisory Group member (*Clara Pratts*)
- DEFACUM Social, sundhed & arbejdsmarked, Region Midtjylland, Head of Advisory Board (*Karsten Vrangbæk*)
- SIA Social Inequalities in Ageing, NordForsk, Nordic Council of Ministers, Work package A leader (*Rikke Lund*)
- LOFUS Lolland-Falster undersøgelsen, Region Sjælland, Research Group member (*Charlotte Juul Nilsson*)
- Lighthouse Lise Science, Co-founder and board member (*Maria Kristiansen*)
- The Danish Cardiovascular Academy, Grant committee member (*Maria Kristiansen*)
- Center for Sundhedsfaglig Forskning, Steering group member (*Maria Kristiansen*)