



# LIST OF PUBLICATIONS

## Copenhagen Aging and Midlife Biobank (CAMB)

1. Sander M, Avlund K, Lauritzen M, Gottlieb T, Halliwell, Stevnsner T, Wewer U, Bohr VA. Aging- From molecules to populations. Workshop Report. Mech Ageing Dev. October 2008 October
2. 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 middle-aged men and women in Denmark. Retrospective Cohort Study Protocol and Methods. JMIR Research Protocols 2012
3. Osler M, Avlund K, Mortensen EL. Socio-economic position early in life, cognitive development and cognitive change from young adulthood to middle age. Eur J Public Health. 2012
4. 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. 2012
5. Møller A, Reventlow S, Hansen AM, Andersen LL, Siersma V, Lund R, Avlund K, Andersen JH, Mortensen OS. Does a history of physical exposures at work affect hand-grip strength in midlife? A retrospective cohort study in Denmark. Scand J Work Environ Health. 2013
6. 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. November 2013
7. Avlund K, Osler M, Mortensen EL, Christensen U, Bruunsgaard H, Holm-Pedersen P, Fiehn NE, Hansen ÅM, Bachkati SH, Meincke RH, Jepsen E, Molbo D, Lund R. Copenhagen Aging and Midlife Biobank (CAMB): An Introduction. J Aging Health 2014
8. Lund R, Nielsen LS, Henriksen PW, Schmidt L, Avlund K, Christensen U. Content Validity and Reliability of the Copenhagen Social Relations Questionnaire (CSRQ). J Aging Health. 2014
9. Hansen ÅM, Andersen LL, Skotte J, Christensen U, Mortensen OS, Molbo D, Lund R, Nilsson CJ, Avlund K. Social Class Differences in Physical Functions in Middle-Aged Men and Women. J Aging Health. 2014
10. Christensen U, Krølner R, Nilsson CJ, Lyngbye PW, Hougaard CØ, Nygaard E, Thielen K, Holstein BE, Avlund K, Lund R. Addressing Social Inequality in Aging by the Danish Occupational Social Class Measurement. J Aging Health 2014 Vol. 26(1) 106-127
11. 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. J Aging Health. 2014
12. 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. J Aging Health. 2014
13. Hansen ÅM, Lund R, Bruunsgaard H, Rod NH, Garde AH, Molbo D, Avlund K. Social Gradient in Allostatic Load Among Danish Men and Women in Late Midlife. J Aging Health. 2014
14. 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. J Aging Health. 2014
15. 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. 2014
16. Lund R, Christensen U, Nilsson CJ, Kriegbaum M, Rod NH. Stressful social relations and mortality: A prospective cohort study. J Epidemiol Community Health. 2014
17. Lund R, Rod NH, Thielen K, Nilsson CJ, Christensen U. Negative aspects of close social relationships and 10-year incident ischemic heart disease hospitalization among middle-aged Danes. European Journal of Preventive Cardiology. 2014
18. Boter H, Mänty M, Hansen ÅM, Hortobágyi T, Avlund K. Self-reported fatigue and physical function in late mid-life. J Rehabil Med. 2014

19. Enevold C, Nielsen CH, Jacobsen RS, Hermansen MLF, Molbo D, Avlund K, Bendtzen K, Jacobsen S. Single nucleotide polymorphisms in genes encoding toll-like receptors 7, 8 and 9 in Danish patients with systemic lupus erythematosus. *Mol Biol Rep.* 2014
20. Clark AJ, Dich N, Lange T, Jennum P, Hansen ÅM, Lund R, Rod NH. Impaired sleep and allostatic load: cross-sectional results from the Danish Copenhagen Aging and Midlife Biobank. *Sleep Medicine.* 2014
21. Karotki DG, Beko G, Clausen G, Madsen AM, Andersen ZJ, Massling A, Ketznel 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.* 2014
22. Meincke RH, Mortensen EL, Avlund K, Rosthøj S, Sørensen HJ, Osler M. Intelligence in early adulthood and mortality from natural and unnatural causes in middle-aged Danish men. *J Epidemiol Community Health.* 2014
23. Mänty M, Møller A, Nilsson C, Lund R, Christensen U, Avlund K. Association of physical work load and leisure time physical activity with incident mobility limitations: a follow-up study. *Occup Environ Med.* 2014
24. 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. *Hum Brain Mapping.* 2014
25. Sørensen CE, Larsen JO, Reibel J, Lauritzen M, Mortensen EL, Osler M, Pedersen AML. Associations between xerostomia, histopathological alterations, and autonomic innervation of labial salivary glands in men in late midlife. *Exp Gerontol.* 2014
26. 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.* 2015
27. Dich N, Hansen ÅM, 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, & Coping.* 2015
28. 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.* 2015
29. Pedersen JLM, Rod NH, Andersen I, Lange T, Poulsen G, Prescott E, Lund R. Accumulation of Major Life Events in Childhood and Adult Life and Risk of Type 2 Diabetes Mellitus. *PloS One.* September 2015
30. Maynard S, Keijzers G, Hansen AM, Osler M, Molbo D, Bendix L, Møller P, Loft S, Moreno-Villanueva M, Bürkle A, Hvitby CP, Schurman SH, Stevnsner T, Rasmussen LJ, Avlund K, Bohr VA. Associations of subjective vitality with DNA damage, cardiovascular risk factors and physical performance. *Acta Physiol (Oxf).* January 2015
31. Osler M, Bruunsgaard H, Mortensen EL. Lifetime socio-economic position and depression: an analysis of the influence of cognitive function, behaviour and inflammatory markers. *Eur J Public Health.* 2015
32. Møller A, Reventlow S, Hansen ÅM, Andersen LL, Siersma V, Lund R, Avlund K, Andersen JH, Mortensen OS. Does physical exposure throughout working life influence chair-rise performance in midlife? A retrospective cohort study of associations between work and physical function in Denmark. *BMJ Open.* November 2015
33. Pedersen JM, Budtz-Jørgensen E, Mortensen EL, Bruunsgaard H, Osler M, 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* 2016
34. 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. *J Epidemiol Community Health.* 2016
35. Sørensen CE, Tritsarlis K, Reibel J, Lauritzen M, Mortensen EL, Osler M, Pedersen AML. Elevated p16ink4a Expression in Human Labial Salivary Glands as a Potential Correlate of Cognitive Aging in Late Midlife. *PLoS One.* 2016

36. Waller KL, Mortensen EL, Avlund K, Osler M, Fagerlund B, Lauritzen M, Gammeltoft S, Jennum P. Melatonin and cortisol profiles in late midlife and their association with age-related changes in cognition. *Nat Sci Sleep* Vol. 2016
37. Rask L, Bendix L, Harbo M, Fagerlund B, Mortensen EL, Lauritzen M, Osler M. Cognitive Change during the Life Course and Leukocyte Telomere Length in Late Middle-Aged Men. *Frontiers in Aging Neuroscience*. December 2016
38. Meincke RH, Hansen AM, 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*. 2016
39. Aarestrup J, Bjerregaard LG, Gamborg M, Angquist L, Tjønneland A, Overvad K, Linneberg A, Osler M, Mortensen EL, Gyntelberg F, Lund R, Sørensen TIA, Baker JL. Tracking of body mass index from 7 to 69 years of age. *International Journal of Obesity* September 2016
40. 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*. 2016
41. Deurzen I, Rod NH, Christensen U, Hansen AM, Lund R, Dich N. Neighborhood perceptions and allostatic load: Evidence from Denmark. *Health & Place* 40. 2016
42. Sundstrup E, Hansen AM, 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*. 2016
43. 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 Behav Immun*. November 2016
44. Christensen D, Hansen A, Flensburg-Madsen T, et al. Cognitive Ability and Allostatic load: Cross-sectional and longitudinal associations. *Gerontologist*. November 2016
45. 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*. 2016
46. Meincke RH, Osler M, Mortensen EL, Hansen ÅM. Is Intelligence in Early Adulthood Associated With Midlife Physical Performance Among Danish Males? *J Aging Health*. 2016
47. 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*. 2016
48. 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. *Hum Fertility*. May 2017
49. 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*. 2017
50. 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. *Scand J Work Environ Health*. 2017
51. 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. *Occup Environ Med*. August 2017
52. Flensburg-Madsen T, Mortensen EL. Birth weight and intelligence in young adulthood and midlife. *Pediatrics*. 2017

53. 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*. November 2017
54. Henriksen OM, Hansen NL, Osler M, Mortensen EL, Hallam DM, Petersen ET, Chappell M, Lautzen MJ, Rostrup E. Sub-clinical cognitive decline and resting cerebral blood flow in middle aged men. *PloS One*. January 2017
55. 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*. 2017
56. 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. *J Aging Health*. June 2017
57. 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*. 2017
58. Pedersen JM, Mortensen EL, Christensen DS, Rozing M, Brunsgaard H, Meincke RH, Petersen GL, Lund R. Prenatal and early postnatal stress and later life inflammation. *Psychoneuroendocrinology*. December 2017
59. Wiegand I, Lauritzen M, Osler M, Mortensen EL, Rostrup E, Raks 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*. 2018
60. 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*. January 2018
61. Wedell-Neergaard AS , Krogh-Madsen R , Petersen GL, Hansen ÅM, Klarlund Pedersen B , Lund R, Bruunsgaard H. Cardiorespiratory fitness and the metabolic syndrome: Roles of inflammation and abdominal obesity. *PloS One*. March 2018
62. Petersen GL, Pedersen JM, Rod NH, Mortensen EL, Kawachi I, Osler M, Hansen ÅM, 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*. October 2018
63. Holm AL, Andersen GS, Jørgensen ME, Diderichsen F. Is the Rule of Halves framework relevant for diabetes care in Copenhagen today? A register-based cross-sectional study. *BMJ Open*. 2018
64. Wimmelmann CL, Lund R, Flensburg-Madsen T, et al. Associations of Personality with Body Mass Index and Obesity in a Large Late Midlife Community Sample. *OBESITY FACTS*. November 2018
65. Osler M, Sørensen L, Rozing MP, Calvo OP, Madsen, N, Rostrup E. Subclinical depressive symptoms during late midlife and structural brain alterations: A longitudinal study of Danish men born in 1953. *Hum Brain Map*. 2018
66. 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. *Front Aging Neurosci*. January 2018
67. Waser M, Lauritzen MJ, Fagerlund B, Osler M, Mortensen EL, Sørensen HBD, Jennum PJ. Sleep efficiency and neurophysiological patterns in middle-aged men are associated with cognitive change over their adult life course. *J Sleep Research* 2018, November 2018
68. 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. *J Obes*. August 2018
69. 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*. August 2018

70. 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*. August 2018.
71. Flensburg-Madsen T, Mortensen EL. Language development and intelligence in midlife. *Br J Dev Psychol*. November 2018
72. Folker AP, Hegelund ER, Mortensen EL, Wimmelmann CL, Flensburg-Madsen T. The association between life satisfaction, vitality, self-rated health, and risk of cancer. *Qual Life Res*. December 2018
73. Wedell-Neergaard AS, Lehrskov LL, Christensen RH, Legaard GE, Dorph, Larsen MK, Launbo N, Fagerlind SR, Seide SK, Nymand S, Ball M, Vinum N, Dahl CN, Henneberg M, Ried-Larsen M, Nybing JD, Christensen R, Rosenmeier JB, Karstoft K, Klarlund Pedersen BK, Ellingsgaard H, Krogh-Madsen R. Exercise-Induced Changes in Visceral Adipose Tissue Mass Are Regulated by IL-6 Signaling: A Randomized Controlled Trial. *Cell Metabolism*. December 2018.
74. Møller A, Mänty M, Andersen LL, Siersma V, 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. *International Archives of Occupational and Environmental Health*. January 2019
75. DeDobbeleer L, Beyer I, Hansen ÅM, Molbo D, Mortensen EL, Lund R, Bautmans I. Grip Work Measurement with the Jamar Dynamometer: Validation of a Simple Equation for Clinical Use. *The journal of nutrition, health and aging*. January 2019
76. Hegelund ER., Folker AP, Wimmelmann CL, Just-Østergaard E, Mortensen EL, Flensburg-Madsen T. Infant Socioeconomic Position and Quality of Life in Midlife: A 50-Year Follow-Up Study of 2079 Individuals in Denmark. *Applied Research in Quality of Life*. February 2019
77. Pedersen JM, Mortensen EL, Meincke RH, Petersen GL, Budtz-Jørgensen E, Brunnsgaard H, Sørensen HJ and Lund R. Maternal infections during pregnancy and offspring midlife inflammation. *Maternal Health, Neonatology and Perinatology*. March 2019
78. Enevold C, Nielsen CH, Molbo D, Lund R, Bendtzen K, Fiehn NE and Holmstrup P. Lewis and ABO blood group phenotypes in periodontitis, cardiovascular disease, obesity and stroke. [www.nature.com/scientificreports/](http://www.nature.com/scientificreports/) 2019
79. Rosing K, Christensen LB, Özhayat EB. Associations between tooth loss, prostheses and self-reported oral health, general health, socioeconomic position and satisfaction with life. *Journal of Oral Rehabilitation*. June 2019
80. Foverskov E, Petersen G, Pedersen JM, 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. *European Journal of Ageing*. July 2019
81. Christensen DS, Dich N, Flensburg-Madsen T, Garde E, Hansen ÅM and Mortensen EL. Objective and subjective stress, personality, and allostatic load. *Brain and Behavior*. July 2019
82. Christensen DS, Flensburg-Madsen T, Garde E, et al. Big Five personality traits and allostatic load in midlife. *Psychology & health*. August 2019
83. Sundstrup E, Hansen ÅM, Mortensen EL, Poulsen OM, Clausen T, Rugulies R, Møller A, Andersen LL. Physical capability in midlife and risk of disability pension and long-term sickness absence: prospective cohort study with register follow-up. *Scand J Work Environ Health*. August 2019
84. Pedersen DC, Meyle KD, Ångquist 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*. December 2019
85. 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*. 2019 Aug 14;11:201. Doi:10.3389/fnagi.2019.00201. PMID: 31474849; PMCID: PMC6702683

86. Flensburg-Madsen T, Wimmelmann CL, Mortensen EL. A potential link between early language developmental milestones and personality traits in adulthood. *International journal of behavioral development. International Journal of Behavioral Development*, 2019 44(5), 383–392. <https://doi.org/10.1177/0165025419889185>
87. Flensburg-Madsen T, Eriksen HLF, Mortensen EL. Early life predictors of intelligence in young adulthood and middle age. *PLOS ONE*. January 2020
88. Hegelund ER, Gronkjaer M, Osler M, et al. The influence of educational attainment on intelligence. *INTELLIGENCE*. January-February 2020
89. 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. *European Journal of Aging*. February 2020
90. Wimmelmann CL, Mortensen EL, Hegelund ER, et al. Associations of personality traits with quality of life and satisfaction with life in a longitudinal study with up to 29 year follow-up. *Personality and individual differences*. April 2020
91. Hegelund ER, Wimmelmann CL, Strizzi JM, et al. Birth weight and quality of life in midlife: a 50-year follow-up study of 2079 individuals in Denmark. *Quality of life research*. April 2020
92. 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*. 2020 Apr;131(4):836-846. Doi:10.1016/j.clinph.2020.01.010. Epub 2020 Feb. PMID: 32066102
93. Bisgaard H, Nørgaard S, Sevelsted A, Chawes B, Stokholm J, Mortensen EL, Ulrik CS, Bønnelykke K. Asthma-like Symptoms in Young Children Increase the Risk of COPD. *J Allergy Clin Immunol* 2021 147(2):569-576.e9
94. Folker AP, Lauridsen SM, Hegelund ER, Wimmelmann CL, Flensburg-Madsen T. Does meaning protect against loneliness? Exploring empirical studies and theory. *Health Prom Int* 2021 15;36(2):471-480
95. Sundstrup E, Hansen, ÅM, Mortensen EL., Poulsen OM, Clausen T, Rugulies R., Møller A, Andersen LL. Cognitive Ability in Midlife and Labor Market Participation Among Older Workers: Prospective Cohort Study With Register Follow-up *Safety and Health at Work. Safety and Health at Work* 2020;11(3):291-300. doi: 10.1016/j.shaw.2020.06.006
96. L. 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, Jylhävä. Self-rated health in individuals with and without disease is associated with multiple biomarkers representing multiple biological domains. *Sci Rep* 11, 6139 (2021). <https://doi.org/10.1038/s41598-021-85668-7>
97. R Lund, K Davidsen, S Carstensen, M Kriegbaum, H Bruunsgaard, Lifecourse partnership breakups or years lived alone and low grade inflammation in middle-aged adults, conference abstract EUPHA 2021, *Eur J Public Health* vol 31, suppl\_3, 2021
98. Davidsen 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* 2022;76:490-496
99. Loft S et al. Inflammatory markers and lung function in relation to indoor and ambient air pollution. *International Journal of Hygiene and Environmental Health. Feb.2022 In press*
100. Hansen ÅM, Nielsen KN, 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*. 2022 Mar 2;139:105708
101. 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*. 2022;32(8):e13086
102. Lim YH, Hersoug LG, 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. *Int J Hyg Environ Health*. 2022 Apr;241:113944. doi: 10.1016/j.ijheh.2022.113944
103. Feinberg JB, Møller A, Siersma V, Bruunsgaard H, Mortensen OS. Physical activity paradox: could inflammation be a key factor? *Br J Sports Med*. 2022 Aug;56: 1224-1229. Doi:10.1136/bjsports-2022-105429
  104. 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*. 2022 Aug;44(4):1905-1923. Doi: 10.1007/s11357-022-00596-2. Epub 2022 Jun 1. PMID: 35648331; PMCID: PMC9617000
  105. Hegelund ER, Grønkjær M, Andersen NK, Wimmelmann CL, Mortensen EM, Flensburg-Madsen T. The influence of intelligence in young adulthood on quality of life in midlife: a Danish cohort study of 893 men. *Applied Research in Quality of Life*, (2022) 17:1189-1202, <https://doi.org/10.1007/s11482-021-09942-6>
  106. Grønkjær M, Wimmelmann CL, Mortensen EL, Flensburg-Madsen T. Prospective associations between alcohol consumption and psychological well-being in midlife. *BMC Public Health* (2022) 22:204, <https://doi.org/10.1186/s12889-021-12463-4>
  107. Strizzi JM, Mortensen EL, Hegelund ER, Wimmelmann CL, Folker AP, Flensburg-Madsen. Experience of sexual violence and satisfaction with life: a 20-year prospective cohort study. *Journal of Sexual Aggression*, Volume 28, 2022, Issue 3, <https://doi.org/10.1080/13552600.2021.2013964>
  108. 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*. 2023 Apr;45(2):1161-1175. Doi: 10.1007/s11357-022-00712-2. Epub 2022 Dec 19. PMID: 36534276; PMCID: PMC9886720.
  109. Nersesjan 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*. 2023;0:1-6, doi:10.1136/jech-2022-220194
  110. Enevold C, Nielsen CH, Christensen LB, Kongstad J, Fiehn NE, Hansen PR, Holmstrup P, Havemose-Poulsen A, Damgaard C. Suitability of machine learning models for prediction of clinically defined Stage III/IV periodontitis from questionnaires and demographic data in Danish cohorts. *J Clin Periodontol*. 2023;1-13, doi:10.1111/jcpe.13874
  111. Christensen DS, Garde E, Siebner HR, Mortensen EL. Midlife perceived stress is associated with cognitive decline across three decades. *BMC Geriatr.*, 2023, Mar 4;23(1), <https://doi.org/10.1186/s12877-023-03848-8>
  112. Korshøj M, Møller A, Siersma V, Lund R, Hougaard CØ, Mortensen OS, Allesøe K. Relationship between cumulative exposure to occupational lifting throughout working life and risk of ischemic heart disease in men and women. *The Copenhagen Aging and Midlife Biobank. Annals of Work Exposures and Health*, 2023;1-13, doi.org/10.1093/annweh/wxad077
  113. Flensburg-Madsen T, Mortensen EL, Dammeyer J, Wimmelmann CL. Early motor developmental milestones and personality traits in midlife: A 50-year follow-up study. *Children* 2023,10,718. <https://doi.org/10.3390/children10040718>
  114. 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*. 2023 Jun;45(3):1523-1538. Doi: 10.1007/s11357-023-00749-x. Epub 2023 Feb 10. PMID:36763241; PMCID: PMC10400513
  115. Bakhtiari A, Benedek K, Law I, Fagerlund B, Mortensen EL, Osler M, Lauritzen M, Larsson HBW, Vestergaard MB. Early cerebral amyloid- $\beta$  accumulation and hypermetabolism are associated with subtle cognitive deficits before accelerated



- cerebral atrophy. *Geroscience*. 2024 Feb;46(1):769-782. Doi: 10.1007/s11357-023-01031-w. Epub 2023 Dec 16. PMID: 38102439; PMCID: PMC10828321
116. Bautmans I, Knoop V, Beyer I, Bruunsgaard H, Molbo D, Lykke Mortensen E, Lund R. The relationship between self-perceived fatigue, muscle endurance, and circulating markers of inflammation in participants of the Copenhagen aging and Midlife Biobank (CAMB). *European Review of Aging and Physical Activity*, 2024, 21:2, <https://doi.org/10.1186/s11556-024-00336-9>
117. Korshøj M, Møller A, Siersma V, Lund R, Hougaard CØ, Mortensen OS, Allesøe K. Relationship between cumulative exposure to occupational lifting throughout working life and risk of ischemic heart disease in men and women. *The Copenhagen Aging and Midlife Biobank. Annals of Work Exposures and Health*, 2024, 68, 109-121, <https://doi.org/10.1093/annweh/wxad077>
118. Johansson MS, Mortensen OS, Hougaard CØ, Olsen MH, Korshøj M. Does the association between physical activity during work and leisure and blood pressure differ across sex? A cross-sectional compositional data analysis in a Danish population-based cohort. *BMC Public Health*, 2024, 24:3290, <https://doi.org/10.1186/s12889-024-20302-5>