

PUBLICATION LIST NEAR 2022

NEAR Projects*

Peer-reviewed articles

Andersen ZJ, Zhang J, Jørgensen JT, Samoli E, Liu S, Chen J, Strak M, Wolf K, Weinmayr G, Rodopoulou S, Remfry E, de Hoogh K, Bellander T, Brandt J, Concini H, Zitt E, Fecht D, Forastiere F, Gulliver J, Hoffmann B, Hvidtfeldt AU, Verschuren WMM, Jöckel KH, So R, Cole-Hunter, Mehta AJ, Mortensen LH, Kretzschmar M, Lager A, Leander K, Ljungman P, Severi G, Boutron-Ruault MC, Magnusson PKE, Nagel G, Pershagen G, Peters A, Rizzuto D, van der Schouw YT, Schramm S, Stafoggia S, Katsouyanni K, Brunekreef B, Hoek G, Lim YH. (2022). Long-term exposure to air pollution and mortality from dementia, psychiatric disorders, and suicide in a large pooled European cohort: ELAPSE study. *Environ Int*, 170: 107581. <https://doi.org/10.1016/j.envint.2022.107581>

Bereziartua A, Chen J, de Hoogh K, Rodopoulou S, Andersen ZJ, Bellander T, Brandt J, Fecht D, Forastiere F, Gulliver J, Hertel O, Hoffmann B, Arthur Hvidtfeldt U, Verschuren WMM, Jöckel KH, Jørgensen JT, Katsouyanni K, Kretzschmar M, Krog NH, Brynedal B, Leander K, Liu S, Ljungman P, Faure E, Magnusson PKE, Nagel G, Pershagen G, Peters A, Raaschou-Nielsen O, Renzi M, Rizzuto D, Samoli E, van der Schouw YT, Schramm S, Severi G, Stafoggia M, Strak M, Sørensen M, Tjønneland A, Weinmayr G, Wolf K, Zitt E, Brunekreef B, Hoek G. (2022). Exposure to surrounding greenness and natural-cause and cause-specific mortality in the ELAPSE Pooled Cohort. *Environ Int*, 166: 107341. <https://doi.org/10.1016/j.envint.2022.107341>

Chen, J, Hoek, G, de Hoogh, K, Rodopoulou, S, Andersen, Z, Bellander, T, Brandt, J, Fecht, D, Forastiere, F, Gulliver, J, Hertel, O, Hoffmann, B, Hvidtfeldt, U, Verschuren, MWM, Jöckel, K-H, Jørgensen, J, Katsouyanni, K, Kretzschmar, M, Méndez, D, Leander, K, Liu, S, Ljungman, P, Faure, E, Magnusson, P, Nagel, G, Pershagen, G, Peters, A, Raaschou-Nielsen, O, Rizzuto, D, Samoli, E, van der Schouw, Y, Schramm, S, Severi, G, Stafoggia, M, Strak, M, Sørensen, M, Tjønneland, A, Weinmayr, G, Wolf, K, Zitt, E, Brunekreef, B, Thurston, G. (2022). Long-term exposure to source-specific fine particles and mortality – a pooled analysis of 14 European cohorts within the ELAPSE project. *Environ Sci Technol*, 56(13): 9277-9290. <https://doi.org/10.1021/acs.est.2c01912>

Chen J, Rodopoulou S, Strak M, de Hoogh K, Taj T, Poulsen A, Andersen Z, Bellander T, Brandt J, Zitt E, Fecht D, Forastiere F, Gulliver J, Hertel O, Hoffmann B, Hvidtfeldt U, Verschuren MWM, Thorming Jørgensen J, Katsouyanni K, Kretzschmar M, Lager A, Leander K, Liu S, Ljungman P, Severi G, Boutron-Ruault M-C, Magnusson P, Nagel G, Pershagen G, Peters A, Rizzuto D, van der Schouw YT, Samoli E, Sørensen M, Stafoggia M, Tjønneland A, Weinmayr G, Wolf K, Brunekreef B, Raaschou-Nielsen O, and Hoek G. (2022). Long-term exposure to ambient air pollution and bladder cancer incidence in a pooled European cohort: the ELAPSE project. *Br J Cancer*, 126(10): 1499-1507. <https://doi.org/10.1038/s41416-022-01735-4>.

Emery CF, Finkel D, Dahl Aslan AK. (2022). Bidirectional associations between body mass and bodily pain among middle-aged and older adults. *Pain*, 163(10): 2061-2067. <https://doi.org/10.1097/j.pain.0000000000002603>

Hvidfeldt UA, Tahir T, Chen J, Rodopoulou S, Strak M, de Hoogh K, Andersen ZJ; Bellander T, Brandt J, Fecht D, Forastiere F, Gulliver J, Hertel O, Hoffmann B, Jørgensen JT, Katsouyanni K, Ketzel M, Lager A, Leander K, Ljungman P, Magnusson PKE, Nagel G, Pershagen G, Rizzuto D, Samoli E, So R, Stafoggia M, Tjønneland A, Vermeulen R, Weinmayr G, Zhang J, Zitt E, Brunekreef B, Hoek G, Raaschou-Nielsen O. (2022). Long term exposure to air pollution and kidney parenchyma cancer – Effects of Low-level Air Pollution: a Study in Europe (ELAPSE). *Environ Res*, 215(Pt 2): 114385. <https://doi.org/10.1016/j.envres.2022.114385>

Karlsson IK, Escott-Price V, Gatz M, Hardy J, Pedersen NL, Shoai M, Reynolds CA (2022). Measuring heritable contributions to Alzheimer’s disease: polygenic risk score analysis with twins. *Brain Commun*, 4(1):fcab308. <https://doi.org/10.1093/braincomms/fcab308>

Karlsson IK, Zhan Y, Wang Y, Li X, Jylhava J, Hagg S, Dahl Aslan AK, Gatz M, Pedersen NL, Reynolds CA. (2022). Adiposity and the risk of dementia: mediating effects from inflammation and lipid levels. *Eur J Epidemiol*, 37(12): 1261-1271. <https://doi.org/10.1007/s10654-022-00918-w>

Kriit HK, Andersson EM, Carlsen HK, Andersson N, Ljungman PLS, Pershagen G, Segersson D, Eneroth K, Gidhagen L, Spanne M, Molnar P, Wennberg P, Rosengren A, Rizzuto D, Leander K, Yacaman-Mendez D, Magnusson PKE, Forsberg B, Stockfelt L, Sommar JN. (2022). Using Distributed Lag Non-Linear Models to Estimate Exposure Lag-Response Associations between Long-Term Air Pollution Exposure and Incidence of Cardiovascular Disease. *International Journal of Environmental Research and Public Health*. Feb 24,19(5):2630. Doi: 10.3390/ijerph19052630 <https://pubmed.ncbi.nlm.nih.gov/35270332/>

Ler P, Li X, Hassing LB, Reynolds CA, Finkel D, Karlsson IK, Dahl Aslan AK. (2022). Independent and joint effects of body mass index and metabolic health in mid- and late-life on all-cause mortality: a cohort study from the Swedish Twin Registry with a mean follow-up of 13 Years. *BMC Public Health*, 22(1): 718. <https://doi.org/10.1186/s12889-022-13082-3>

Phillips DM, Finkel D, Petkus AJ, Munoz E, Pahlen S, Johnson W, Reynolds CA, Pedersen N. (2022). Longitudinal analyses indicate bidirectional associations between loneliness and health. *Aging Ment Health*, 1-9. <https://doi.org/10.1080/13607863.2022.2087210>

Thacher JD, Roswall N, Lissåker C, Aasvang GM, Albin M, Andersson EM, Engström G, Eriksson C, Hvidtfeldt UA, Ketzel M, Khan J, Lanki T, Ljungman PLS, Mattisson K, Molnar P, Raaschou-Nielsen O, Oudin A, Overvad K, Petersen SB, Pershagen G, Poulsen AH, Pyko A, Rizzuto D, Rosengren A, Schioler L, Sjöström M, Stockfelt L, Tiittanen P, Sallsten G, Ögren M, Selander J, Sorensen M. (2022). Occupational noise exposure and risk of incident stroke: a pooled study of five Scandinavian cohorts. *Occup Environ Med*, 79(9): 594-601. <https://doi.org/10.1136/oemed-2021-108053>

van Dalen JW, Brayne C, Crane PK, Fratiglioni L, Larson EB, Lobo A, Lobo E, Marcum ZA, Moll van Charante EP, Qiu C, Riedel-Heller SG, Röhr S, Rydén L, Skoog I, van Gool WA, Richard E. (2022). Association of Systolic Blood Pressure With



Dementia Risk and the Role of Age, U-Shaped Associations, and Mortality. *JAMA Intern Med*, 182(2): 142-152. <https://doi.org/10.1001/jamainternmed.2021.7009>

**Using two or more databases included in NEAR.*

Publications by the local NEAR databases

BETULA

Peer-reviewed articles

Andersson J, Oudin A, Nordin S, Forsberg B, & Nordin M. (2022). PM 2.5 exposure and olfactory functions. *Int J Environ Health Res*, 32(11), 2484–2495.

<https://doi.org/10.1080/09603123.2021.1973969>

Andersson P, Li X, & Persson J. (2022). The association between control of interference and white-matter integrity: A cross-sectional and longitudinal investigation. *Neurobiol Aging*, 114, 49–60.

<https://doi.org/10.1016/j.neurobiolaging.2022.03.002>

Binnewies J, Nawijn L, Brandmaier AM, Baaré WFC, Bartrés-Faz D, Drevon CA, Düzel S, Fjell AM, Han LKM, Knights E, Lindenberger U, Milaneschi Y, Mowinckel AM, Nyberg L, Plachti A, Madsen KS, Solé-Padullés C, Suri S, Walhovd KB, ... Penninx BWJH. (2022). Associations of depression and regional brain structure across the adult lifespan: Pooled analyses of six population-based and two clinical cohort studies in the European Lifebrain consortium. *Neuroimage Clin*, 36, 103180. <https://doi.org/10.1016/j.nicl.2022.103180>

Cedres N, Aejmelaeus-Lindström A, Ekström I, Nordin S, Li X, Persson J, & Olofsson JK. (2022). Subjective Impairments in Olfaction and Cognition Predict Dissociated Behavioral Outcomes. *J Gerontol B Psychol Sci Soc Sci*, 78(1): 1-9. <https://doi.org/10.1093/geronb/gbac124>

Dima D, Modabbernia A, Papachristou E, Doucet G, Agartz I, Aghajani M, Akudjedu T, Albajes-Eizagirre A, Alnæs D, Alpert K, Andersson M, Andreasen N, Andreassen O, Asherson P, Banaschewski T, Bargallo N, Baumeister S, Baur-Streubel R, Bertolino A, Bonvino A, Boomsma D, Borgwardt S, Bourque J, Brandeis D, Breier A, Brodaty H, Brouwer R, Buitelaar J, Busatto G, Buckner R, Calhoun V, Canales-Rodríguez E, Cannon D, Caseras X, Castellanos F, Cervenka S, Chaim-Avancini T, Ching C, Chubar V, Clark V, Conrod P, Conzelmann A, Crespo-Facorro B, Crivello F, Crone E, Dannlowski U, Dale A, Davey C, Geus E, Haan L, Zubicaray G, Braber A, Dickie E, Giorgio A, Doan N, Dørum E, Ehrlich S, Erk S, Espeseth T, Fatouros-Bergman H, Fisher S, Fouche J, Franke B, Frodl T, Fuentes-Claramonte P, Glahn D, Gotlib I, Grabe H, Grimm O, Groenewold N, Grotegerd D, Gruber O, Gruner P, Gur R, Gur R, Hahn T, Harrison B, Hartman C, Hatton S, Heinz A, Heslenfeld D, Hibar D, Hickie I, Ho B, Hoekstra P, Hohmann S, Holmes A, Hoogman M, Hosten N, Howells F, Pol H, Huyser C, Jahanshad N, James A, Jernigan T, Jiang J, Jönsson E, Joska J, Kahn R, Kalnin A, Kanai R, Klein M, Klyushnik T, Koenders L, Koops S, Krämer B, Kuntsi J, Lagopoulos J, Lázaro L, Lebedeva I, Lee W, Lesch K, Lochner C, Machielsen M, Maingault S, Martin N, Martínez-Zalacaín I, Mataix-Cols D, Mazoyer B, McDonald C, McDonald B, McIntosh A, McMahon K, McPhilemy G, Meinert S, Menchón J, Medland S, Meyer-Lindenberg A, Naaijen J, Najt P, Nakao T, Nordvik J, Nyberg L, Oosterlaan J, Foz V, Paloyelis Y, Pauli P, Pergola G, Pomarol-Clotet E, Portella M, Potkin S, Radua J, Reif A, Rinker D, Roffman J, Rosa P, Sacchet M, Sachdev P, Salvador R, Sánchez-Juan P, Sarró S, Satterthwaite T, Saykin A, Serpa M, Schmaal L, Schnell K, Schumann G, Sim K, Smoller J, Sommer I, Soriano-Mas C, Stein D, Strike L, Swagerman S, Tamnes C, Temmingh H, Thomopoulos S, Tomyshev A, Tordesillas-

- Gutiérrez D, Trollor J, Turner J, Uhlmann A, Heuvel O, Meer D, Wee N, Haren N, Ent D, Erp T, Veer I, Veltman D, Voineskos A, Völzke H, Walter H, Walton E, Wang L, Wang Y, Wassink T, Weber B, Wen W, West J, Westlye L, Whalley H, Wierenga L, Williams S, Wittfeld K, Wolf D, Worker A, Wright M, Yang K, Yoncheva Y, Zanetti M, Ziegler G, Thompson P, Frangou S. (2022). Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. *Hum Brain Mapp*, 43(1): 452–469. <https://doi.org/10.1002/hbm.25320>.
- Farnsworth von Cederwald B, Josefsson M, Wåhlin A, Nyberg L, & Karalija N. (2022). Association of Cardiovascular Risk Trajectory With Cognitive Decline and Incident Dementia. *Neurology*, 98(20): e2013-2022. <https://doi.org/10.1212/wnl.0000000000200255>
- Frangou S, Modabbernia A, Williams SCR, Papachristou E, Doucet GE, Agartz I, Aghajani M, Akudjedu TN, Albajes-Eizagirre A, Alnæs D, Alpert KI, Andersson M, Andreasen NC, Andreassen OA, Asherson P, Banaschewski T, Bargallo N, Baumeister S, Baur-Streubel R, ... Dima D. (2022). Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3–90 years. *Hum Brain Mapp*, 43(1): 431–451. <https://doi.org/10.1002/hbm.25364>
- Johansson J, Wåhlin A, Lundquist A, Brandmaier AM, Lindenberger U, & Nyberg L. (2022). Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. *Aging Brain*, 2: 100027. <https://doi.org/10.1016/j.nbas.2021.100027>
- Koch, E, Nyberg, L, Lundquist, A, & Kauppi, K. (2022). Polygenic Risk for Schizophrenia Has Sex-Specific Effects on Brain Activity during Memory Processing in Healthy Individuals. *Genes*, 13(3), 412. <https://doi.org/10.3390/genes13030412>
- Li, X, Salami, A, Avelar-Pereira, B, Bäckman, L, & Persson, J. (2022). White-Matter Integrity and Working Memory: Links to Aging and Dopamine-Related Genes. *eNeuro*, 9(2), ENEURO: 0413-21. <https://doi.org/10.1523/ENEURO.0413-21.2022>
- Menelaou, G, Persson, J, & Olofsson, J. K. (2022). Hippocampal subfield volumes and olfactory performance: Emerging longitudinal associations over a 5-year interval. *Neuropsychologia*, 176: 108353. <https://doi.org/10.1016/j.neuropsychologia.2022.108353>
- Noroozian, M, Kormi-Nouri, R, Nyberg, L, & Persson, J. (2022). Hippocampal and motor regions contribute to memory benefits after enacted encoding: cross-sectional and longitudinal evidence. *Cereb Cortex*. <https://doi.org/10.1093/cercor/bhac262>
- Nyberg, L, Andersson, M, Lundquist, A, Baaré, W. F. C, Bartrés-Faz, D, Bertram, L, Boraxbekk, C.-J, Brandmaier, A. M, Demnitz, N, Drevon, C. A, Duezel, S, Ebmeier, K. P, Ghisletta, P, Henson, R, Jensen, D. E. A, Kievit, R. A, Knights, E, Kühn, S, Lindenberger, U, ... Walhovd, K. B. (2022). Individual differences in brain aging: heterogeneity in cortico-hippocampal but not caudate atrophy rates. *Cereb Cortex*. <https://doi.org/10.1093/cercor/bhac400>
- Olofsson, J. K, Ekesten, F, & Nordin, S. (2022). Olfactory distortions in the general population. *Scientific Reports*, 12(1), 1–8. <https://doi.org/10.1038/s41598-022-13201-5>
- Persson, N, & Andersson, M. (2022). Hippocampal volume, and the anterior-posterior sub regions relates to recall and recognition over five years: Bidirectional brain-behaviour associations. *Neuroimage*, 256: 119239. <https://doi.org/10.1016/j.neuroimage.2022.119239>

Salami, A, Adolfsson, R, Andersson, M, Blennow, K, Lundquist, A, Adolfsson, A. N, Schöll, M, Zetterberg, H, & Nyberg, L. (2022). Association of APOE ϵ 4 and Plasma p-tau181 with Preclinical Alzheimer's Disease and Longitudinal Change in Hippocampus Function. *J Alzheimers Dis*, 85(3): 1309–1320. <https://doi.org/10.3233/JAD-210673>

Simrén, J, Andreasson, U, Gobom, J, Suarez Calvet, M, Borroni, B, Gillberg, C, Nyberg, L, Ghidoni, R, Fernell, E, Johnson, M, Depypere, H, Hansson, C, Jonsdottir, I. H, Zetterberg, H, & Blennow, K. (2022). Establishment of reference values for plasma neurofilament light based on healthy individuals aged 5–90 years. *Brain Commun*, 4(4). <https://doi.org/10.1093/braincomms/fcac174>

Solé-Padullés, C, Macià, D, Andersson, M, Stiernstedt, M, Pudas, S, Düzel, S, Zsoldos, E, Ebmeier, K. P, Binnewies, J, Drevon, C. A, Brandmaier, A. M, Mowinckel, A. M, Fjell, A. M, Madsen, K. S, Baaré, W. F. C, Lindenberger, U, Nyberg, L, Walhovd, K. B, & Bartrés-Faz, D. (2022). No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. *Front Aging Neurosci*, 14: 795764. <https://doi.org/10.3389/fnagi.2022.795764>

Stenling, A, Eriksson Sörman, D, Lindwall, M, & Machado, L. (2022). Bidirectional Within- and Between-Person Relations Between Physical Activity and Cognitive Function. *J Gerontol B Psychol Sci Soc Sci*, 77(4), 704–709. <https://doi.org/10.1093/geronb/gbab234>

Tucker-Drob, E. M, de la Fuente, J, Köhncke, Y, Brandmaier, A. M, Nyberg, L, & Lindenberger, U. (2022). A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. *Sci Adv*, 8(5). <https://doi.org/10.1126/sciadv.abj2422>

Vega-Mendoza, M, Eriksson Sörman, D, Josefsson, M, & Ljungberg, J. K. (2022). A longitudinal study of episodic memory recall in multilinguals. *International Journal of Bilingualism*. <https://doi.org/10.1177/13670069221139155>

Walhovd, K. B, Nyberg, L, Lindenberger, U, Amlien, I. K, Sørensen, Ø, Wang, Y, Mowinckel, A. M, Kievit, R. A, Ebmeier, K. P, Bartrés-Faz, D, Kühn, S, Boraxbekk, C.-J, Ghisletta, P, Madsen, K. S, Baaré, W. F. C, Zsoldos, E, Magnussen, F, Vidal-Piñeiro, D, Penninx, B, & Fjell, A. M. (2022). Brain aging differs with cognitive ability regardless of education. *Sci Rep*, 12(1): 13886. <https://doi.org/10.1038/s41598-022-17727-6>

Wierenga, L. M, Doucet, G. E, Dima, D, Agartz, I, Aghajani, M, Akudjedu, T. N, Albajes-Eizagirre, A, Alnæs, D, Alpert, K. I, Andreassen, O. A, Anticevic, A, Asherson, P, Banaschewski, T, Bargallo, N, Baumeister, S, Baur-Streubel, R, Bertolino, A, Bonvino, A, Boomsma, D. I, ... Tamnes, C. K. (2022). Greater male than female variability in regional brain structure across the lifespan. *Hum Brain Mapp*, 43(1), 470–499. <https://doi.org/10.1002/hbm.25204>

Thesis

Koch, E. (2022). The genetics of schizophrenia: sex, drugs, and cognition. *Doctoral Thesis*. Umeå: Umeå University.

The Gothenburg H70 Birth Cohort Studies (H70, H85, H95 and PPSW)

Peer-reviewed articles

Ahlner F, Falk Erhag H, Johansson L, Mellqvist Fässberg M, Rydberg Sterner T, Samuelsson J, Zettergren A, Waern M, Skoog I. (2022). Patterns of Alcohol Consumption and Associated Factors in a Population-Based Sample of 70-Year-Olds: Data from the Gothenburg H70 Birth Cohort Study 2014-16. *Int J Environ Res Public Health*. 19(14):8248. <https://doi.org/10.3390/ijerph19148248>.

Badji A, Pereira JB, Shams S, Skoog J, Marseglia A, Poulakis K, Rydén L, Blennow K, Zetterberg H, Kern S, Zettergren A, Wahlund LO, Girouard H, Skoog I, Westman E. (2022). Cerebrospinal Fluid Biomarkers, Brain Structural and Cognitive Performances Between Normotensive and Hypertensive Controlled, Uncontrolled and Untreated 70-Year-Old Adults. *Front Aging Neurosci*, 13: 777475. <https://doi.org/10.3389/fnagi.2021.777475>.

Bethlehem RAI, Seidlitz J, White SR, Vogel JW, Anderson KM, Adamson C, Adler S, Alexopoulos GS, Anagnostou E, Areces-Gonzalez A, Astle DE, Auyeung B, Ayub M, Bae J, Ball G, Baron-Cohen S, Beare R, Bedford SA, Benegal V, Beyer F, Blangero J, Blesa Cabez M, Boardman JP, Borzage M, Bosch-Bayard JF, Bourke N, Calhoun VD, Chakravarty MM, Chen C, Chertavian C, Chetelat G, Chong YS, Cole JH, Corvin A, Costantino M, Courchesne E, Crivello F, Copley VL, Crosbie J, Crossley N, Delarue M, Delorme R, Desrivieres S, Devenyi GA, Di Biase MA, Dolan R, Donald KA, Donohoe G, Dunlop K, Edwards AD, Elison JT, Ellis CT, Elman JA, Eyler L, Fair DA, Feczko E, Fletcher PC, Fonagy P, Franz CE, Galan-Garcia L, Gholipour A, Giedd J, Gilmore JH, Glahn DC, Goodyer IM, Grant PE, Groenewold NA, Gunning FM, Gur RE, Gur RC, Hammill CF, Hansson O, Hedden T, Heinz A, Henson RN, Heuer K, Hoare J, Holla B, Holmes AJ, Holt R, Huang H, Im K, Ipser J, Jack CR Jr, Jackowski AP, Jia T, Johnson KA, Jones PB, Jones DT, Kahn RS, Karlsson H, Karlsson L, Kawashima R, Kelley EA, Kern S, Kim KW, Kitzbichler MG, Kremen WS, Lalonde F, Landeau B, Lee S, Lerch J, Lewis JD, Li J, Liao W, Liston C, Lombardo MV, Lv J, Lynch C, Mallard TT, Marcelis M, Markello RD, Mathias SR, Mazoyer B, McGuire P, Meaney MJ, Mechelli A, Medic N, Mistic B, Morgan SE, Mothersill D, Nigg J, Ong MQW, Ortinau C, Ossenkoppele R, Ouyang M, Palaniyappan L, Paly L, Pan PM, Pantelis C, Park MM, Paus T, Pausova Z, Paz-Linares D, Pichet Binette A, Pierce K, Qian X, Qiu J, Qiu A, Raznahan A, Rittman T, Rodrigue A, Rollins CK, Romero-Garcia R, Ronan L, Rosenberg MD, Rowitch DH, Salum GA, Satterthwaite TD, Schaare HL, Schachar RJ, Schultz AP, Schumann G, Schöll M, Sharp D, Shinohara RT, Skoog I, Smyser CD, Sperling RA, Stein DJ, Stolicyn A, Suckling J, Sullivan G, Taki Y, Thyreau B, Toro R, Traut N, Tsvetanov KA, Turk-Browne NB, Tuulari JJ, Tzourio C, Vachon-Preseau É, Valdes-Sosa MJ, Valdes-Sosa PA, Valk SL, van Amelsvoort T, Vandekar SN, Vasung L, Victoria LW, Villeneuve S, Villringer A, Vértes PE, Wagstyl K, Wang YS, Warfield SK, Warrier V, Westman E, Westwater ML, Whalley HC, Witte AV, Yang N, Yeo B, Yun H, Zalesky A, Zar HJ, Zettergren A,

Zhou JH, Ziauddeen H, Zugman A, Zuo XN; 3R-BRAIN; AIBL; Alzheimer's Disease Neuroimaging Initiative; Alzheimer's Disease Repository Without Borders Investigators; CALM Team; Cam-CAN; CCNP; COBRE; cVEDA; ENIGMA Developmental Brain Age Working Group; Developing Human Connectome Project; FinnBrain; Harvard Aging Brain Study; IMAGEN; KNE96; Mayo Clinic Study of Aging; NSPN; POND; PREVENT-AD Research Group; VETSA, Bullmore ET, Alexander-Bloch AF. (2022). Brain charts for the human lifespan. *Nature*, 604(7906): 525-533. <https://doi.org/10.1038/s41586-022-04554-y>.

Cedres N, Ferreira D, Nemy M, Machado A, Pereira JB, Shams S, Wahlund LO, Zettergren A, Stepankova O, Vyslouzilova L, Eriksdotter M, Teipel S, Grothe MJ, Blennow K, Zetterberg H, Schöll M, Kern S, Skoog I, Westman E. (2022). Association of Cerebrovascular and Alzheimer Disease Biomarkers With Cholinergic White Matter Degeneration in Cognitively Unimpaired Individuals. *Neurology*, 99(15): e1619-e1629. <https://doi.org/10.1212/WNL.0000000000200930>.

Dehlin M, Fatima T, Jacobsson LTH, Kern S, Zettergren A, Blennow K, Zetterberg H, Johansson L, Skoog I. (2022). Reply to "Pathway for ascertaining the role of uric acid in neurodegenerative diseases," Roman Youssef. *Alzheimers Dement (Amst)*, 14(1): e12328. <https://doi.org/10.1002/dad2.12328>.

Dittrich A, Ashton NJ, Zetterberg H, Blennow K, Simrén J, Geiger F, Zettergren A, Shams S, Machado A, Westman E, Schöll M, Skoog I, Kern S. (2022). Plasma and CSF NfL are differentially associated with biomarker evidence of neurodegeneration in a community-based sample of 70-year-olds. *Alzheimers Dement (Amst)*, 14(1): e12295. <https://doi.org/10.1002/dad2.12295>.

Hoff M, Skoog J, Hadarsson Bodin T, Tengstrand T, Rosenhall U, Skoog I, Sadeghi A. (2022). Hearing loss and cognitive function in early old age: comparing subjective and objective hearing measures. *Gerontology*. <https://doi.org/10.1159/000527930>.

Jansen IE, van der Lee SJ, Gomez-Fonseca D, de Rojas I, Dalmaso MC, Grenier-Boley B, Zettergren A, Mishra A, Ali M, Andrade V, Bellenguez C, Kleiendam L, Küçükali F, Sung YJ, Tesi N, Vromen EM, Wightman DP, Alcolea D, Alegret M, Alvarez I, Amouyel P, Athanasiu L, Bahrami S, Baily H, Belbin O, Bergh S, Bertram L, Biessels GJ, Blennow K, Blesa R, Boada M, Boland A, Buerger K, Carracedo Á, Cervera-Carles L, Chene G, Claassen JAHR, Debette S, Deleuze JF, de Deyn PP, Diehl-Schmid J, Djurovic S, Dols-Icardo O, Dufouil C, Duron E, Düzel E; EADB consortium, Fladby T, Fortea J, Frölich L, García-González P, Garcia-Martinez M, Giegling I, Goldhardt O, Gobom J, Grimmer T, Haapasalo A, Hampel H, Hanon O, Hausner L, Heilmann-Heimbach S, Helisalimi S, Heneka MT, Hernández I, Herukka SK, Holstege H, Jarholm J, Kern S, Knapskog AB, Koivisto AM, Kornhuber J, Kuulasmaa T, Lage C, Laske C, Leinonen V, Lewczuk P, Lleó A, de Munain AL, Lopez-Garcia S, Maier W, Marquié M, Mol MO, Montreal L, Moreno F, Moreno-Grau S, Nicolas G, Nöthen MM, Orellana A, Pålhaugen L, Papma JM, Pasquier F, Pernecky R, Peters O, Pijnenburg YAL, Popp J, Posthuma D, Pozueta A, Priller J, Puerta R, Quintela I, Ramakers I, Rodriguez-Rodriguez E, Rujescu D, Saltvedt I, Sanchez-Juan P, Scheltens P,

Scherbaum N, Schmid M, Schneider A, Selbæk G, Selnes P, Shadrin A, Skoog I, Soinen H, Tárrega L, Teipel S; GR@ACE study group, Tijms B, Tsolaki M, Van Broeckhoven C, Van Dongen J, van Swieten JC, Vandenberghe R, Vidal JS, Visser PJ, Vogelgsang J, Waern M, Wagner M, Wiltfang J, Wittens MMJ, Zetterberg H, Zulaica M, van Duijn CM, Bjerke M, Engelborghs S, Jessen F, Teunissen CE, Pastor P, Hiltunen M, Ingelsson M, Andreassen OA, Clarimón J, Slegers K, Ruiz A, Ramirez A, Cruchaga C, Lambert JC, van der Flier W. (2022). Genome-wide meta-analysis for Alzheimer's disease cerebrospinal fluid biomarkers. *Acta Neuropathol*, 144(5): 821-842. <https://doi.org/10.1007/s00401-022-02454-z>.

Jansen WJ, Janssen O, Tijms BM, Vos SJB, Ossenkuppele R, Visser PJ; Amyloid Biomarker Study Group, Aarsland D, Alcolea D, Altomare D, von Arnim C, Baiardi S, Baldeiras I, Barthel H, Bateman RJ, Van Berckel B, Binette AP, Blennow K, Boada M, Boecker H, Bottlaender M, den Braber A, Brooks DJ, Van Buchem MA, Camus V, Carill JM, Cerman J, Chen K, Chételat G, Chipi E, Cohen AD, Daniels A, Delarue M, Didic M, Drzezga A, Dubois B, Eckerström M, Ekblad LL, Engelborghs S, Epelbaum S, Fagan AM, Fan Y, Fladby T, Fleisher AS, Van der Flier WM, Förster S, Fortea J, Frederiksen KS, Freund-Levi Y, Frings L, Frisoni GB, Fröhlich L, Gabryelewicz T, Gertz HJ, Gill KD, Gkatzima O, Gómez-Tortosa E, Grimmer T, Guedj E, Habeck CG, Hampel H, Handels R, Hansson O, Hausner L, Hellwig S, Heneka MT, Herukka SK, Hildebrandt H, Hodges J, Hort J, Huang CC, Iriondo AJ, Itoh Y, Ivanoiu A, Jagust WJ, Jessen F, Johannsen P, Johnson KA, Kandimalla R, Kapaki EN, Kern S, Kilander L, Klimkowicz-Mrowiec A, Klunk WE, Koglin N, Kornhuber J, Kramberger MG, Kuo HC, Van Laere K, Landau SM, Landeau B, Lee DY, de Leon M, Leyton CE, Lin KJ, Lleó A, Löwenmark M, Madsen K, Maier W, Marcusson J, Marquié M, Martinez-Lage P, Maserejian N, Mattsson N, de Mendonça A, Meyer PT, Miller BL, Minatani S, Mintun MA, Mok VCT, Molinuevo JL, Morbelli SD, Morris JC, Mroczko B, Na DL, Newberg A, Nobili F, Nordberg A, Olde Rikkert MGM, de Oliveira CR, Olivieri P, Orellana A, Paraskevas G, Parchi P, Pardini M, Parnetti L, Peters O, Poirier J, Popp J, Prabhakar S, Rabinovici GD, Ramakers IH, Rami L, Reiman EM, Rinne JO, Rodrigue KM, Rodríguez-Rodríguez E, Roe CM, Rosa-Neto P, Rosen HJ, Rot U, Rowe CC, Rütther E, Ruiz A, Sabri O, Sakhardande J, Sánchez-Juan P, Sando SB, Santana I, Sarazin M, Scheltens P, Schröder J, Selnes P, Seo SW, Silva D, Skoog I, Snyder PJ, Soinen H, Sollberger M, Sperling RA, Spuru L, Stern Y, Stomrud E, Takeda A, Teichmann M, Teunissen CE, Thompson LI, Tomassen J, Tsolaki M, Vandenberghe R, Verbeek MM, Verhey FRJ, Villemagne V, Villeneuve S, Vogelgsang J, Waldemar G, Wallin A, Wallin ÅK, Wiltfang J, Wolk DA, Yen TC, Zboch M, Zetterberg H. (2022). Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. *JAMA Neurol*, 79(3): 228-243. <https://doi.org/10.1001/jamaneurol.2021.5216>.

Jonson M, Sigström R, Van Orden KA, Fässberg MM, Skoog I, Waern M. (2022). Life-Weariness, Wish to Die, Active Suicidal Ideation, and All-Cause Mortality in Population-Based Samples of Older Adults. *Am J Geriatr Psychiatry*, S1064-7481(22)00543-7. <https://doi.org/10.1016/j.jagp.2022.10.003>.

Leung Y, Barzilai N, Batko-Szwaczka A, Beker N, Boerner K, Brayne C, Brodaty H, Cheung KS, Corrada MM, Crawford JD, Galbussera AA, Gondo Y, Holstege H, Hulsman M, Ishioka YL, Jopp D, Kawas CH, Kaye J, Kochan NA, Lau BH, Lipnicki DM, Lo JW, Lucca U, Makkar SR, Marcon G, Martin P, Meguro K, Milman S, Poon LW, Recchia A, Ribeiro O, Riva E, Rott C, Sikkes SA, Skoog I, Stephan B, Szewieczek J, Teixeira L, Tettamanti M, Wilczyński K, Sachdev P. (2022). Cognition, function, and prevalent dementia in centenarians and near-centenarians: An individual participant data (IPD) meta-analysis of 18 studies. *Alzheimers Dement*, <https://doi.org/10.1002/alz.12828>.

Nordström M, Holm M, Havstam Johansson L, Rydberg Sterner T, Ahlner F, Falk Erhag H, Skoog I, Zetterberg M. (2022). Pseudophakia and Lens Opacities in 70-Year-Olds in Gothenburg, Sweden; Gender Differences, Impact on Self-Reported Visual Function and Validation of Self-Reported Cataract and Pseudophakia. *Clin Ophthalmol*, 16: 3269-3281. <https://doi.org/10.2147/OPTH.S366897>.

Revelas M, Thalamuthu A, Zettergren A, Oldmeadow C, Najjar J, Seidu NM, Armstrong NJ, Riveros C, Kwok JB, Schofield PR, Trollor JN, Waern M, Wright MJ, Zetterberg H, Ames D, Blennow K, Brodaty H, Scott RJ, Skoog I, Attia JR, Sachdev PS, Mather KA. (2022). High polygenic risk score for exceptional longevity is associated with a healthy metabolic profile. *Geroscience*, 45(1): 399-413. <https://doi.org/10.1007/s11357-022-00643-y>.

Salvadó G, Ferreira D, Operto G, Cumplido-Mayoral I, Arenaza-Urquijo EM, Cacciaglia R, Falcon C, Vilor-Tejedor N, Minguillon C, Groot C, van der Flier WM, Barkhof F, Scheltens P, Ossenkoppele R, Kern S, Zettergren A, Skoog I, Hort J, Stomrud E, van Westen D, Hansson O, Molinuevo JL, Wahlund LO, Westman E, Gispert JD; ALFA study†, BioFINDER, ADNI. (2022). The protective gene dose effect of the APOE ϵ 2 allele on gray matter volume in cognitively unimpaired individuals. *Alzheimers Dement*, 18(7): 1383-1395. <https://doi.org/10.1002/alz.12487>.

Samtani S, Mahalingam G, Lam BCP, Lipnicki DM, Lima-Costa MF, Blay SL, Castro-Costa E, Shifu X, Guerchet M, Preux PM, Gbessemehlan A, Skoog I, Najjar J, Rydberg Sterner T, Scarmeas N, Kim KW, Riedel-Heller S, Röhr S, Pabst A, Shahar S, Numbers K, Ganguli M, Jacobsen E, Hughes TF, Crowe M, Ng TP, Maddock J, Marseglia A, Mélis R, Szcześniak D, Wiegelmann H, Vernooij-Dassen M, Jeon YH, Sachdev PS, Brodaty H; SHARED consortium for the Cohort Studies of Memory in an International Consortium (COSMIC). (2022). Associations between social connections and cognition: a global collaborative individual participant data meta-analysis. *Lancet Healthy Longev*, 3(11): e740-e753. [https://doi.org/10.1016/S2666-7568\(22\)00199-4](https://doi.org/10.1016/S2666-7568(22)00199-4).

Samuelsson J, Najjar J, Wallengren O, Kern S, Wetterberg H, Mellqvist Fässberg M, Zetterberg H, Blennow K, Lissner L, Rothenberg E, Skoog I, Zettergren A. (2022). Interactions between dietary patterns and genetic factors in relation to incident dementia among 70-year-olds. *Eur J Nutr*, 61(2):871-884. <https://doi.org/10.1007/s00394-021-02688-9>.

Skillbäck T, Blennow K, Zetterberg H, Skoog J, Rydén L, Wetterberg H, Guo X, Sacuiu S, Mielke MM, Zettergren A, Skoog I, Kern S. (2022). Slowing gait speed precedes cognitive decline by several years. *Alzheimers Dement*, 18(9): 1667-1676.

<https://doi.org/10.1002/alz.12537>.

Srikrishna M, Heckemann RA, Pereira JB, Volpe G, Zettergren A, Kern S, Westman E, Skoog I, Schöll M. (2022). Comparison of Two-Dimensional- and Three-Dimensional-Based U-Net Architectures for Brain Tissue Classification in One-Dimensional Brain CT. *Front Comput Neurosci*, 15: 785244.

<https://doi.org/10.3389/fncom.2021.785244>

Wetterberg H, Rydén L, Ahlner F, Falk Erhag H, Gudmundsson P, Guo X, Joas E, Johansson L, Kern S, Mellqvist Fässberg M, Najjar J, Ribbe M, Sterner TR, Samuelsson J, Sacuiu S, Sigström R, Skoog J, Waern M, Zettergren A, Skoog I. (2022).

Representativeness in population-based studies of older adults: five waves of cross-sectional examinations in the Gothenburg H70 Birth Cohort Study. *BMJ Open*, 12(12): e068165. <https://doi.org/10.1136/bmjopen-2022-068165>.

Öhman F, Berron D, Papp KV, Kern S, Skoog J, Hadarsson Bodin T, Zettergren A, Skoog I, Schöll M. (2022). Unsupervised mobile app-based cognitive testing in a population-based study of older adults born 1944. *Front Digit Health*, 4: 933265.

<https://doi.org/10.3389/fdgth.2022.933265>.

Thesis

Rydén L. (2022). Atrial fibrillation in aging. *Doctoral Thesis*. Göteborg: Sahlgrenska Akademin.

Samuelsson J. (2022). Dietary patterns among older adults: with focus on dementia and related biomarkers. *Doctoral Thesis*. Göteborg: Sahlgrenska Akademin.

The Swedish Adoption/Twin Study of Aging (SATSA) and Screening Across the Lifespan Twin Study (SALT)

Peer-reviewed articles

Beam CR, SE Luczak, MS Panizzon, CA Reynolds, K Christensen, AK Dahl Aslan, JA Elman, CE Franz, WS Kremen, T Lee, M Nygaard, PS Sachdev, KE Whitfield, NL Pedersen, M Gatz, and I Consortium. (2022). Estimating Likelihood of Dementia in the Absence of Diagnostic Data: A Latent Dementia Index in 10 Genetically Informed Studies. *J Alzheimers Dis*, 90(3): 1187-1201.

<https://doi.org/10.3233/JAD-220472>

Finkel D, Zavala C, Franz CE, Pahlen S, Gatz M, Pedersen NL, Finch BK, Aslan AD, Catts VS, Ericsson M, Krueger RF, Martin NG, Mohan A, Mosing MA, Prescott CA, Whitfield KE. (2022). Financial strain moderates genetic influences on self-rated health: support for diathesis–stress model of gene–environment interplay. *Biodemography Soc Biol*, 67(1), 58-70.

<https://doi.org/10.1080/19485565.2022.2037069>

Hess JL, Armstrong N, Bis JC, Grenier-Boley B, Karlsson IK, Leonenko G, Numbers K, O'Brien EK, Shadrin A, Thalamuthu A, Yang Q, Andreassen OA, Brodaty H, Gatz M, Kochan NA, Lambert JC, Laws SM, Masters CL, Mather KA, Pedersen NL, Posthuma D, Sachdev PS, Williams J; Alzheimer's Disease Neuroimaging Initiative, Fan CC, Faraone SV, Fennema-Notestine C, Lin SJ, Escott-Price V, Holmans P, Seshadri S, Tsuang MT, Kremen WS, Glatt SJ. (2022). Polygenic resilience scores capture protective genetic effects for Alzheimer's disease. *Transl Psychiatry*, 12(1): 296. <https://doi.org/10.1038/s41398-022-02055-0>

Higgins-Chen AT, Thrush KL, Wang Y, Minter CJ, Kuo PL, Wang M, Niimi P, Sturm G, Lin J, Moore AZ, Bandinelli S, Vinkers CH, Vermetten E, Rutten BPF, Geuze E, Okhujisen-Pfeifer C, van der Horst MZ, Schreiter S, Gutwinski S, Luykx JJ, Picard M, Ferrucci L, Crimmins EM, Boks MP, Hägg S, Hu-Seliger TT, Levine ME. (2022). A computational solution for bolstering reliability of epigenetic clocks: Implications for clinical trials and longitudinal tracking. *Nat Aging*, 2(7): 644-66.

<https://doi.org/10.1038/s43587-022-00248-2>

Howe LJ, Nivard MG, Morris TT, Hansen AF, Rasheed H, Cho Y, Chittoor G, Ahlskog R, Lind PA, Palviainen T, van der Zee MD, Cheesman R, Mangino M, Wang Y, Li S, Klaric L, Ratliff SM, Bielak LF, Nygaard M, Giannelis A, Willoughby EA, Reynolds CA, Balbona JV, Andreassen OA, Ask H, Baras A, Bauer CR, Boomsma DI, Campbell A, Campbell H, Chen Z, Christofidou P, Corfield E, Dahm CC, Dokuru DR, Evans LM, de Geus EJC, Giddaluru S, Gordon SD, Harden KP, Hill WD, Hughes A, Kerr SM, Kim Y, Kweon H, Latvala A, Lawlor DA, Li L, Lin K, Magnus P, Magnusson PKE, Mallard TT, Martikainen P, Mills MC, Njølstad PR, Overton JD, Pedersen NL, Porteous DJ, Reid J, Silventoinen K, Southey MC, Stoltenberg C, Tucker-Drob EM, Wright MJ, Hewitt JK, Keller MC, Stallings MC, Lee JJ, Christensen K, Kardina SLR, Peyser PA, Smith JA, Wilson JF, Hopper JL, Hägg S, Spector TD, Pingault JB, Plomin R, Havdahl A, Bartels M, Martin NG, Oskarsson S, Justice AE, Millwood IY, Hveem K, Naess Ø, Willer CJ, Åsvold BO, Koellinger PD, Kaprio J, Medland SE, Walters RG, Benjamin DJ, Turley P, Evans DM, Davey Smith G, Hayward C, Brumpton B, Hemani G, Davies NM. (2022). Social Science Genetic Association Consortium, Within Family Consortium. Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. *Nat Genet*, 54(5): 581-592. <https://doi.org/10.1038/s41588-022-01062-7>.

- Karlsson IK, Ploner A, Wang Y, Gatz M, Pedersen NL, Hägg S. Leukocyte DNA methylation in Alzheimer's disease associated genes: replication of findings from neuronal cells. *Epigenetics*, 18(1):2158285. <https://doi.org/10.1080/15592294.2022.2158285>
- Ler P, Zhan Y, Finkel D, Dahl Aslan AK, & Karlsson IK. (2022). Transitions between metabolically unhealthy and healthy obesity over 27 years from midlife to late-life. *medRxiv*, 2022-02. <https://www.medrxiv.org/content/10.1101/2022.02.14.22270938v1>
- Luo, J., Zhang, B., Antonoplis, S., & Mroczek, D. K. (2022). The effects of socioeconomic status on personality development in adulthood and aging. *J Pers*, 10.1111/jopy.12801. <https://doi.org/10.1111/jopy.12801>
- Luo, J., Zhang, B., Estabrook, R., Graham, E. K., Driver, C. C., Schalet, B. D., Turiano, N. A., Spiro, A., & Mroczek, D. K. (2022). Personality and health: Disentangling their between-person and within-person relationship in three longitudinal studies. *J Pers Soc Psychol*, 122(3): 493–522. <https://doi.org/10.1037/pspp0000399>
- Marttila S, Tamminen H, Rajić S, Mishra PP, Lehtimäki T, Raitakari O, Kähönen M, Kananen L, Jylhävä J, Hägg S, Delerue T, Peters A, Waldenberger M, Kleber ME, März W, Luoto R, Raitanen J, Sillanpää E, Laakkonen EK, Heikkinen A, Ollikainen M, Raitoharju E. (2022). Methylation status of VTRNA2-1/nc886 is stable across populations, monozygotic twin pairs and in majority of tissues. *Epigenomics*, 14(18): 1105-1124. <https://doi.org/10.2217/epi-2022-0228>
- Qin X, Wang Y, Pedersen NL, Tang B, Hägg S. (2022). Dynamic patterns of blood lipids and DNA methylation in response to statin therapy. *Clin Epigenetics*, 14(1): 153. <https://doi.org/10.1186/s13148-022-01375-8>
- Vo TT, Pahlen S, Kremen WS, McGue M, Aslan AD, Nygaard M, Christensen K, Reynold CA. (2022). Does sleep duration moderate genetic and environmental contributions to cognitive performance? *Sleep*, 45(10). <https://doi.org/10.1093/sleep/zsac140>

The Swedish National study on Aging and Care – Kungsholmen (SNAC-K) and The Kungsholmen Project (KP)

Peer-reviewed articles

- Bai Y, Wang J, Song R, Wang Z, Qi X, Buchman AS, Bennett DA, Xu W. (2022). Influence of cardiovascular risk burden on pulmonary function trajectory: role of physical and social activities. *Aging*, 14(15): 6081-6093. <https://doi.org/10.18632/aging.204201>
- Beridze G, Triolo F, Grande G, Fratiglioni L, Calderón-Larrañaga A. (2022). COVID-19 collateral damage-psychological burden and behavioural changes among older adults during the first outbreak in Stockholm, Sweden: a cross-sectional study. *BMJ Open*, 12(1): e058422. <https://doi.org/10.1136/bmjopen-2021-058422>
- Dove A, Guo J, Calderón-Larrañaga A, Vetrano DL, Fratiglioni L, Xu W. (2022). Association between social isolation and reduced mental well-being in Swedish older adults during the first wave of the COVID-19 pandemic: the role of cardiometabolic diseases. *Aging (Albany NY)*, 14(6): 2462-2474. <https://doi.org/10.18632/aging.203956>
- Dove A, Marseglia A, Shang Y, Grande G, Vetrano DL, Laukka EJ, Fratiglioni L, Xu W. (2022). Cardiometabolic multimorbidity accelerates cognitive decline and dementia progression. *Alzheimer Dement*. <https://doi.org/10.1002/alz.12708>
- Ekström IA, Rizzuto D, Grande G, Bellander T, Laukka E J. (2022). Environmental Air Pollution and Olfactory Decline in Aging. *Environ Health Perspect*, 130(2): 27005. <https://doi.org/10.1289/EHP9563>
- Freak-Poli R, Wagemaker N, Wang R, Lysen TS, Ikram MA, Vernooij MW, Dintica CS, Vernooj-Dassen M, Melis RJM, Laukka EJ, Fratiglioni L, Xu W, Tiemeier H. (2022). Loneliness, not social support, is associated with cognitive decline and dementia across two longitudinal population-based cohorts. *J Alzheimers Dis*, 85(1):295-308. <https://doi.org/10.3233/jad-210330>
- Grande G, Vetrano DL, Kalpouzos G, Welmer AK, Laukka EL, Marseglia A, Fratiglioni L, Rizzuto D. (2022). Brain changes and fast cognitive and motor decline in older adults. *J Gerontol A Biol Sci Med Sci*, 78(2):326-332. <https://doi.org/10.1093/gerona/glac177>
- Grande G, Vetrano DL, Marconi E, Bianchini E, Cricelli I, Lovato V, Guglielmini L, Taddeo D, Cappa SF, Cricelli C, Lapi F. (2022). Development and internal validation of a prognostic model for 15-year risk of Alzheimer dementia in primary care patients. *Neurol Sci*, 43(10): 5899-5908. <https://doi.org/10.1007/s10072-022-06258-7>
- Guo J, Wang J, Dove A, Chen H, Yuan C, Bennett D, Xu W. (2022). Body Mass Index Trajectories Preceding Incident Mild Cognitive Impairment and Dementia. *JAMA Psychiatry*, 79(12): 1180-1187. <https://doi.org/10.1001/jamapsychiatry.2022.3446>
- Guo J, Marseglia A, Shang Y, Dove A, Grande G, Fratiglioni L, Xu W. (2022). Association between late-life weight change and dementia: A population-based cohort study. *J Gerontol A Biol Sci Med Sci*, 78(1): 143-150. <https://doi.org/10.1093/gerona/glac157>.

- Koch, S., Khomenko, S., Cirach, M., Ubalde-Lopez, M., Baclet, S., Daher, C., Hidalgo L., Löhmus M, Rizzuto D, Rumpler R, Susilo Y, Venkataraman S, Wegener S, Wellenius GA, Woodcock J & Nieuwenhuijsen, M. (2022). Impacts of changes in environmental exposures and health behaviours due to the COVID-19 pandemic on cardiovascular and mental health: A comparison of Barcelona, Vienna, and Stockholm. *Environ Pollut*, 304:119124. <https://doi.org/10.1016/j.envpol.2022.119124>.
- Li Y, Kalpouzos G, Laukka EJ, Dekhtyar S, Bäckman L, Fratiglioni L, Qiu C. (2022). Progression of neuroimaging markers of cerebral small vessel disease in older adults: A 6-year follow-up study. *Neurobiol Aging*, 112: 204-211. <https://doi.org/10.1016/j.neurobiolaging.2022.01.006>.
- Liang Y, Gao Y, Wang R, Grande G, Monastero R, Dong Y, Jiang X, Lv P, Qiu C. (2022). Migraine, Cognitive Decline, and Dementia in Older Adults: A Population-Based Study. *J Alzheimers Dis*, 88(1): 263-271. <https://doi.org/10.3233/jad-220013>
- Lindroos R, Raj R, Pierzchajlo S, Hörberg T, Herman P, Challma S, Hummel T, Larsson M, Laukka EJ, Olofsson JK. (2022). Perceptual odor qualities predict successful odor identification in old age. *Chem Senses*, 47: bjac025. <https://doi.org/10.1093/chemse/bjac025>
- Payton NM, Marseglia A, Grande G, Fratiglioni L, Kivipelto M, Bäckman L, & Jonsson Laukka, E. (2022). Trajectories of cognitive decline and dementia development: A 12-year longitudinal study. *Alzheimers Dement*, <https://doi.org/10.1002/alz.12704>
- Picca A, Coelho-Junior HJ, Calvani R, Marzetti E, Vetrano DL. (2022). Biomarkers shared by frailty and sarcopenia in older adults: A systematic review and meta-analysis. *Ageing Res Rev*, 73:101530. <https://doi.org/10.1016/j.arr.2021.101530>
- Roso-Llorach A, Vetrano DL, Trevisan C, Fernández S, Guisado-Clavero M, Carrasco-Ribelles LA, Fratiglioni L, Violán C, Calderón-Larrañaga A. (2022). 12-year evolution of multimorbidity patterns among older adults based on Hidden Markov Models. *Ageing (Albany NY)*, 14(24): 9805-9817. <https://doi.org/10.18632/aging.204395>
- Saadeh M, Hu X, Dekhtyar S, Welmer AK, Vetrano DL, Xu W, Fratiglioni L, Calderón-Larrañaga A. (2022). Profiles of behavioral, social and psychological well-being in old age and their association with mobility-limitation-free survival. *Ageing (Albany NY)*, 14(15): 5984-6005. <https://doi.org/10.18632/aging.204182>
- Shang Y, Wu W, Dove A, Guo J, Welmer AK, Rizzuto D, Fratiglioni L, Xu W. (2022). Healthy behaviours, leisure activities, and social network prolong disability-free survival in older adults with diabetes. *J Gerontol A Biol Sci Med Sci*, 77(10): 2093-2101. <https://doi.org/10.1093/gerona/glac054>
- Sjöberg L, Triolo F, Saadeh M, Dekhtyar S, Calderón-Larrañaga A, Welmer A-K. (2022). Factors associated with physical activity reduction in Swedish older adults during the first COVID-19 outbreak: A longitudinal population-based study. *Eur Rev Aging Phys Act*, 19(1): 9. <https://doi.org/10.1186/s11556-022-00287-z>.
- Trevisan C, Vetrano DL, Calvani R, Picca A, Welmer AK. (2022). Twelve-year sarcopenia trajectories in older adults: results from a population-based study. *J Cachexia Sarcopenia Muscle*, 13(1): 254-263. <https://doi.org/10.1002/jcsm.12875>.

Triolo F, Saadeh M, Sjöberg L, Fratiglioni L, Welmer AK, Calderón-Larrañaga A, Dekhtyar S. (2022). Pre-pandemic Physical Function and Social Network in Relation to COVID-19-Associated Depressive Burden in Older Adults in Sweden. *Innov Aging*, 6(5): igac041.

<https://doi.org/10.1093/geroni/igac041>

Wang J, Guo J, Dove A, Yang W, Li X, Qi X, Bennett DA, Xu W. (2022). Pulmonary function trajectories preceding death among older adults: a long-term community-based cohort study. *J Gerontol A Biol Sci Med Sci*, glac188. <https://doi.org/10.1093/gerona/glac188>

Wang J, Dove A, Song R, Qi X, Ma J, Bennett DA, Xu W. (2022). Poor pulmonary function is associated with mild cognitive impairment, its progression to dementia, and brain pathologies: A community-based cohort study. *Alzheimers Dement*, 18(12): 2551-2559.

<https://doi.org/10.1002/alz.12625>

Wu. J, Grande G, Stafoggia M, Ljungman P, Laukka EJ, Eneroth K, Bellander T, Rizzuto D. (2022). Air pollution as a risk factor for cognitive impairment no dementia (CIND) and its progression to dementia: A longitudinal study. *Environ Int*, 160: 107067. [doi: 10.1016/j.envint.2021.107067](https://doi.org/10.1016/j.envint.2021.107067).

Thesis

Saadeh M. (2022). Enjoying life and living healthier: impact of behavioral and psychosocial factors on physical function in old age. *Doctoral Thesis*. Stockholm: Karolinska Institutet.

Naseer M (2022). Why do older adults seek emergency care? The impact of contextual factors, care, health, and social relations. *Doctoral Thesis*. Stockholm: Karolinska Institutet.

Guo J (2022). Unraveling the relationship between body mass index and cardiometabolic disease, dementia, and survival in old age. *Doctoral Thesis*. Stockholm: Karolinska Institutet.

Reports

Calderón-Larrañaga A, van den Akker M. (2022). Multimorbidität, Komorbidität, Polypharmazie und verwandte Konzepte. In: van den Akker, M., Christiane, M. (Eds) *Praxishandbuch Multimorbidität*. München: Elsevier GmbH. ISBN 9783437236853.

Imahori Y, Vetrano DL, Qiu C. (2022). Hög vilopuls kan identifiera personer med högre risk för demens. *Äldre i Centrum*. <https://aldreicentrum.se/nyheter/hog-vilopuls-kan-leda-till-demenssjukdom/>

The Swedish National study on Aging and Care – Blekinge (SNAC-B)

Peer-reviewed articles

Behrens A, Berglund JS, Anderberg P. (2022). CoGNIT Automated Tablet Computer Cognitive Testing in Patients with Mild Cognitive Impairment: Feasibility Study: *JMIR Form Res*, 6(3): e23589. <https://doi.org/10.2196/23589>

Critén, S, Andersson, P., Renvert, S. Götrick B, Berglund JS, Bengtsson VW. (2022). Oral health status among 60-year-old individuals born in 1941–1943 and 1954–1955 and 81-year-old individuals born in 1922–1924 and 1933–1934, respectively: a cross-sectional study. *Clin Oral Invest*, 26(11): 6733–6742. <https://doi.org/10.1007/s00784-022-04632-5>

Ghani Z, Saha S, Jarl J, Andersson M, Berglund JS, Anderberg P. (2022). Short Term Economic Evaluation of the Digital Platform "Support, Monitoring and Reminder Technology for Mild Dementia" (SMART4MD) for People with Mild Cognitive Impairment and their Informal Caregivers. *J Alzheimers Dis*, 86(4):1629-1641. <https://doi.org/10.3233/JAD-215013>

Ghazi SN, Anderberg P, Berglund JS, Berner J, Dallora AL. (2022). Psychological Health and Digital Social Participation of the Older Adults during the COVID-19 Pandemic in Blekinge, Sweden—An Exploratory Study. *Int J Environ Res Public Health*, 19(6): 3711. <https://doi.org/10.3390/ijerph19063711>

Javeed A, Dallora A.L, Berglund J.S, Anderberg P. (2022). An Intelligent Learning System for Unbiased Prediction of Dementia Based on Autoencoder and Adaboost Ensemble Learning. *Life*, 12(7): 1097. <https://doi.org/10.3390/life12071097>

Thesis

Christiansen L. (2022). Using Mobile Health technology to support health-related quality of life, from the perspective of older adults with cognitive impairment. *Doctoral Thesis*. Karlskrona: Blekinge Institute of Technology.

Flyborg J. (2022). The use of the intelligent powered toothbrush in health technology Blekinge Institute of Technology. *Licentiate Thesis*. Karlskrona: Blekinge Institute of Technology.

The Swedish National study on Aging and Care – Skåne (SNAC-S)

Peer-reviewed articles

Elmståhl S, Lundholm-Auoja N, Ekström H, Sandin Wranger L. (2022). Being an older family caregiver does not impact healthcare and mortality: Data from the study 'Good Aging in Skåne'. *Scand J Public Health*, 50(2): 223-231.

<https://doi.org/10.1177/1403494820960648>

Enhörning S, Melander O, Engström G, Elmståhl S, Lind L, Nilsson PM, Pihlsgård M, Timpka S. (2022). Seasonal variation of vasopressin and its relevance for the winter peak of cardiometabolic disease: a pooled analysis of five cohorts. *J Intern Med*, 292(2): 365-376. <https://doi.org/10.1111/joim.13489>

Hedman C, Rosso A, Häggström O, Nordén C, Fürst CJ, Schelin MEC. (2022). Sedation in specialized palliative care: A cross-sectional study. *PLoS ONE*, 17(7):1-8 [e0270483]. <https://doi.org/10.1371/journal.pone.0270483>

Lind L, Salihovic S, Sundström J, Elmståhl S, Hammar U, Dekkers K, Ärnlov J, Smith JG, Engström G, Fall T (2022). Metabolic Profiling Of Obesity With And Without the Metabolic Syndrome - A Multi-Sample Evaluation. *J Clin Endocrinol Metab*, 107(5): 1337-1345. <https://doi.org/10.1210/clinem/dgab922>

Lind L, Sundström J, Elmståhl S, Dekkers KF, Smith JG, Engström G, Fall T, Ärnlov J. (2022). The metabolomic profile associated with clustering of cardiovascular risk factors-A multi-sample evaluation. *PLoS One*, 17(9): e0274701.

<https://doi.org/10.1371/journal.pone.0274701>

Luoto J, Pihlsgård M, Pistolesi M, Paoletti M, Occhipinti M, Wollmer P, Elmståhl S. (2022). Emphysema severity index (ESI) associated with respiratory death in a large Swedish general population. *Respir Med*, 200: 106899.

<https://doi.org/10.1016/j.rmed.2022.106899>

Mendham AE, Micklesfield LK, Karpe F, Kengne AP, Chikowore T, Kufe CN, Masemola M, Crowther NJ, Norris SA, Olsson T, Elmståhl S, Fall T, Lind L, Goedecke JH. (2022). Targeted proteomics identifies potential biomarkers of dysglycaemia, beta cell function and insulin sensitivity in Black African men and women. *Diabetologia*, 66(1):174-189. <https://doi.org/10.1007/s00125-022-05788-1>

Overton M, Pihlsgård M, Elmståhl S. (2022). Secular trends in prevalent mild cognitive impairment: Data from the Swedish population-based study Good Aging in Skåne.

Alzheimers Dement (N Y), 8(1): e12260. <https://doi.org/10.1002/trc2.12260>

Rosso A, Egervall K, Elmståhl S. (2022). Annual decline rate in FEV1s in community-dwelling older adults diagnosed with mild to moderate COPD. *NPJ Prim Care Respir Med*, 32(1): 30. <https://doi.org/10.1038/s41533-022-00292-w>

Svensson M, Rosso A, Elmståhl S, Ekström H. (2022) Loneliness, social isolation, and health complaints among older people: A population-based study from the "Good Aging in Skåne (GÅS)" project. *SSM Popul Health*, 20: 101287.

<https://doi.org/10.1016/j.ssmph.2022.101287>

Yang Z, MacDonald-Dunlop E, Chen J, Zhai R, Li T, Richmond A, Klaric L, Pirastu N, Ning Z, Zheng C, Wang Y, Huang T, He Y, Guo H, Ying K, Gustafsson S, Prins B, Ramisch A, Dermitzakis ET, Png G, Eriksson N, Haessler J, Hu X, Zanetti D, Boutin T, Hwang SJ, Wheeler E, Pietzner M, Raffield LM, Kalnaperkis A, Peters JE, Viñuela A, Gilly A, Elmståhl S, Dedoussis G, Petrie JR, Polašek O, Folkersen L, Chen Y, Yao C, Vösa U, Pairo-Castineira E, Clohisey S, Bretherick AD, Rawlik K, Esko T, Enroth S, Johansson Å, Gyllensten U, Langenberg C, Levy D, Hayward C, Assimes TL, Kooperberg C, Manichaikul AW, Siegbahn A, Wallentin L, Lind L, Zeggini E, Schwenk JM, Butterworth AS, Michaëlsson K, Pawitan Y, Joshi PK, Baillie JK, Mälarstig A, Reiner AP, Wilson JF, Shen X; GenOMICC Consortium and the IMI-DIRECT Consortium. (2022). Genetic Landscape of the ACE2 Coronavirus Receptor. *Circulation*, 145(18): 1398–1411.

<https://doi.org/10.1161/CIRCULATIONAHA.121.057888>

Yengo L, S Vedantam, E Marouli, J Sidorenko, E Bartell, S Sakaue, M Graff, AU Eliassen, Y Jiang, S Raghavan, J Miao, JD Arias, SE Graham, RE Mukamel, CN Spracklen, X Yin, SH Chen, T Ferreira, HH Highland, Y Ji, T Karaderi, K Lin, K Lull, DE Malden, C Medina-Gomez, M Machado, A Moore, S Rueger, X Sim, S Vrieze, TS Ahluwalia, M Akiyama, MA Allison, M Alvarez, MK Andersen, A Ani, V Appadurai, L Arbeeve, S Bhaskar, LF Bielak, S Bollepalli, LL Bonnycastle, J Bork-Jensen, JP Bradfield, Y Bradford, PS Braund, JA Brody, KS Burgdorf, BE Cade, H Cai, Q Cai, A Campbell, M Canadas-Garre, E Catamo, JF Chai, X Chai, LC Chang, YC Chang, CH Chen, A Chesi, SH Choi, RH Chung, M Cocca, MP Concas, C Couture, G Cuellar-Partida, R Danning, EW Daw, F Degenhard, GE Delgado, A Delitala, A Demirkan, X Deng, P Devineni, A Dietl, M Dimitriou, L Dimitrov, R Dorajoo, AB Ekici, JE Engmann, Z Fairhurst-Hunter, AE Farmaki, JD Faul, JC Fernandez-Lopez, L Forer, M Francescato, S Freitag-Wolf, C Fuchsberger, TE Galesloot, Y Gao, Z Gao, F Geller, O Giannakopoulou, F Giulianini, AP Gjesing, A Goel, SD Gordon, M Gorski, J Grove, X Guo, S Gustafsson, J Haessler, TF Hansen, AS Havulinna, SJ Haworth, J He, N Heard-Costa, P Hebbar, G Hindy, YA Ho, E Hofer, E Holliday, K Horn, WE Hornsby, JJ Hottenga, H Huang, J Huang, A Huerta-Chagoya, JE Huffman, YJ Hung, S Huo, MY Hwang, H Iha, DD Ikeda, M Isono, AU Jackson, S Jager, IE Jansen, I Johansson, JB Jonas, A Jonsson, T Jorgensen, IP Kalafati, M Kanai, S Kanoni, LL Karhus, A Kasturiratne, T Katsuya, T Kawaguchi, RL Kember, KA Kentistou, HN Kim, YJ Kim, ME Kleber, MJ Knol, A Kurbasic, M Lauzon, P Le, R Lea, JY Lee, HL Leonard, SA Li, X Li, X Li, J Liang, H Lin, SY Lin, J Liu, X Liu, KS Lo, J Long, L Lores-Motta, J Luan, V Lyssenko, LP Lyytikainen, A Mahajan, V Mamakou, M Mangino, A Manichaikul, J Marten, M Mattheisen, L Mavarani, AF McDaid, K Meidtner, TL Melendez, JM Mercader, Y Milaneschi, JE Miller, IY Millwood, PP Mishra, RE Mitchell, LT Mollehave, A Morgan, S Mucha, M Munz, M Nakatochi, CP Nelson, M Nethander, CW Nho, AA Nielsen, IM Nolte, SS Nongmaithem, R Noordam, I Ntalla, T Nutile, A Pandit, P Christofidou, K Parna, M Pauper, ERB Petersen, LV Petersen, N Pitkanen, O Polasek, A Poveda, MH Preuss, S Pyarajan, LM Raffield, H Rakugi, J

Ramirez, A Rasheed, D Raven, NW Rayner, C Riveros, R Rohde, D Ruggiero, SE Ruotsalainen, KA Ryan, M Sabater-Lleal, R Saxena, M Scholz, A Sendamarai, B Shen, J Shi, JH Shin, C Sidore, CM Sitlani, RC Sliker, RAJ Smit, AV Smith, JA Smith, LJ Smyth, L Southam, V Steinthorsdottir, L Sun, F Takeuchi, DSP Tallapragada, KD Taylor, BO Tayo, C Tcheandjieu, N Terzikhan, P Tesolin, A Teumer, E Theusch, DJ Thompson, G Thorleifsson, P Timmers, S Trompet, C Turman, S Vaccargiu, SW van der Laan, PJ van der Most, JB van Klinken, J van Setten, SS Verma, N Verweij, Y Veturi, CA Wang, C Wang, L Wang, Z Wang, HR Warren, W Bin Wei, AR Wickremasinghe, M Wielscher, KL Wiggins, BS Winsvold, A Wong, Y Wu, M Wuttke, R Xia, T Xie, K Yamamoto, J Yang, J Yao, H Young, NA Yousri, L Yu, L Zeng, W Zhang, X Zhang, JH Zhao, W Zhao, W Zhou, ME Zimmermann, M Zoledziewska, LS Adair, HHH Adams, CA Aguilar-Salinas, F Al-Mulla, DK Arnett, FW Asselbergs, BO Asvold, J Attia, B Banas, S Bandinelli, DA Bennett, T Bergler, D Bharadwaj, G Biino, H Bisgaard, E Boerwinkle, CA Boger, K Bonnelykke, DI Boomsma, AD Borglum, JB Borja, C Bouchard, DW Bowden, I Brandslund, B Brumpton, JE Buring, MJ Caulfield, JC Chambers, GR Chandak, SJ Chanock, N Chaturvedi, YI Chen, Z Chen, CY Cheng, IE Christophersen, M Ciullo, JW Cole, FS Collins, RS Cooper, M Cruz, F Cucca, LA Cupples, MJ Cutler, SM Damrauer, TM Dantoft, GJ de Borst, L de Groot, PL De Jager, DPV de Kleijn, H Janaka de Silva, GV Dedoussis, AI den Hollander, S Du, DF Easton, PJM Elders, AH Eliassen, PT Ellinor, S Elmstahl, J Erdmann, MK Evans, D Fatkin, B Feenstra, MF Feitosa, L Ferrucci, I Ford, M Fornage, A Franke, PW Franks, BI Freedman, P Gasparini, C Gieger, G Giroto, ME Goddard, YM Golightly, C Gonzalez-Villalpando, P Gordon-Larsen, H Grallert, SFA Grant, N Grarup, L Griffiths, V Gudnason, C Haiman, H Hakonarson, T Hansen, CA Hartman, AT Hattersley, C Hayward, SR Heckbert, CK Heng, C Hengstenberg, AW Hewitt, H Hishigaki, CB Hoyng, PL Huang, W Huang, SC Hunt, K Hveem, E Hyponen, WG Iacono, S Ichihara, MA Ikram, CR Isasi, RD Jackson, MR Jarvelin, ZB Jin, KH Jockel, PK Joshi, P Jousilahti, JW Jukema, M Kahonen, Y Kamatani, KD Kang, J Kaprio, SLR Kardia, F Karpe, N Kato, F Kee, T Kessler, AV Khera, CC Khor, L Kiemeny, BJ Kim, EK Kim, HL Kim, P Kirchhof, M Kivimaki, WP Koh, HA Koistinen, GD Kolovou, JS Kooner, C Kooperberg, A Kottgen, P Kovacs, A Kraaijeveld, P Kraft, RM Krauss, M Kumari, Z Kutalik, M Laakso, LA Lange, C Langenberg, LJ Launer, L Le Marchand, H Lee, NR Lee, T Lehtimaki, H Li, L Li, W Lieb, X Lin, L Lind, A Linneberg, CT Liu, J Liu, M Loeffler, B London, SA Lubitz, SJ Lye, DA Mackey, R Magi, PKE Magnusson, GM Marcus, PM Vidal, NG Martin, W Marz, F Matsuda, RW McGarrah, M McGue, AJ McKnight, SE Medland, D Mellstrom, A Metspalu, BD Mitchell, P Mitchell, DO Mook-Kanamori, AD Morris, LA Mucci, PB Munroe, MA Nalls, S Nazarian, AE Nelson, MJ Neville, C Newton-Cheh, CS Nielsen, MM Nothen, C Ohlsson, AJ Oldehinkel, L Orozco, K Pakkala, P Pajukanta, CNA Palmer, EJ Parra, C Pattaro, O Pedersen, CE Pennell, B Penninx, L Perusse, A Peters, PA Peyser, DJ Porteous, D Posthuma, C Power, PP Pramstaller, MA Province, Q Qi, J Qu, DJ Rader, OT Raitakari, S Ralhan, LS Rallidis, DC Rao, S Redline, DF Reilly, AP Reiner, SY Rhee, PM Ridker, M Rienstra, S Ripatti, MD Ritchie, DM Roden, FR Rosendaal, JI Rotter, I Rudan, F Rutters, C Sabanayagam, D Saleheen, V Salomaa, NJ Samani, DK Sanghera, N Sattar, B Schmidt, H Schmidt, R Schmidt, MB Schulze, H Schunkert, LJ Scott, RJ Scott, P Sever, EJ Shiroma, MB Shoemaker, XO Shu, EM Simonsick, M Sims, JR Singh, AB Singleton, MF Sinner, JG Smith, H Snieder, TD Spector, MJ Stampfer, KJ Stark, DP Strachan, LM t Hart, Y Tabara, H Tang, JC Tardif,

TA Thanaraj, NJ Timpson, A Tonjes, A Tremblay, T Tuomi, J Tuomilehto, MT Tusie-Luna, AG Uitterlinden, RM van Dam, P van der Harst, N Van der Velde, CM van Duijn, NM van Schoor, V Vitart, U Volker, P Vollenweider, H Volzke, NH Wachter-Rodarte, M Walker, YX Wang, NJ Wareham, RM Watanabe, H Watkins, DR Weir, TM Werge, E Widen, LR Wilkens, G Willemsen, WC Willett, JF Wilson, TY Wong, JT Woo, AF Wright, JY Wu, H Xu, CS Yajnik, M Yokota, JM Yuan, E Zeggini, BS Zemel, W Zheng, X Zhu, JM Zmuda, AB Zonderman, JA Zwart, T andMe Research, VAMV Program, DiscovEhr, eMerge, S Lifelines Cohort, P Consortium, G Understanding Society Scientific, DI Chasman, YS Cho, IM Heid, MI McCarthy, MCY Ng, CJ O'Donnell, F Rivadeneira, U Thorsteinsdottir, YV Sun, ES Tai, M Boehnke, P Deloukas, AE Justice, CM Lindgren, RJF Loos, KL Mohlke, KE North, K Stefansson, RG Walters, TW Winkler, KL Young, PR Loh, J Yang, T Esko, TL Assimes, A Auton, GR Abecasis, CJ Willer, AE Locke, SI Berndt, G Lettre, TM Frayling, Y Okada, AR Wood, PM Visscher and JN Hirschhorn. (2022). A saturated map of common genetic variants associated with human height. *Nature*, 610(7933): 704-712.
<https://doi.org/10.1038/s41586-022-05275-y>

Zhang X, Yamada Y, Sagayama H, Ainslie PN, Blaak EE, Buchowski MS, Close GL, Cooper JA, Das SK, Dugas LR, Gurven M, El Hamdouchi A, Hu S, Joonas N, Katzmarzyk P, Kraus WE, Kushner RF, Leonard WR, Martin CK, Meijer EP, Neuhaus ML, Ojiambo RM, Pitsiladis YP, Plasqui G, Prentice RL, Racette SB, Ravussin E, Redman LM, Reynolds RM, Roberts SB, Sardinha LB, Silva AM, Stice E, Urlacher SS, Van Mil EA, Wood BM, Murphy-Alford AJ, Loechl C, Luke AH, Rood J, Schoeller DA, Westerterp KR, Wong WW, Pontzer H, Speakman JR; IAEA DLW database consortium. (2022). Human total, basal and activity energy expenditures are independent of ambient environmental temperature. *Science*, 25(8): 104682.
<https://doi.org/10.1016/j.isci.2022.104682>

Thesis

Thorsteinsdottir V. (2022). Urine and fecal incontinence in the Swedish general elder population. Birth cohort effects and prevalence data from the Good Aging in Skåne study (GÅS). *Master thesis*. Lund: Lund University.

Reports

Elmståhl S. (2021). Gott åldrande i Skåne en god del av SNAC. Äldre i Centrum.
<https://aldreicentrum.se/teman/bade-snac-och-verkstad-3-21/gott-aldrande-i-skane-en-god-del-av-snac/>

Elmståhl S and Ekström H. (2021). Så kan vi lätta bördan av att vara anhörig. Äldre i Centrum. <https://aldreicentrum.se/teman/bade-snac-och-verkstad-3-21/sa-kan-vi-latta-bordan-av-att-vara-anhorig/>

The Swedish National study on Aging and Care – Nordanstig (SNAC-N)

Peer-reviewed articles

Bjuhr M, Engström M, Welmer AK, Lindberg M, Sjölund BM. (2022). Incentives behind and Experiences of Being Active in Working Life after Age 65 in Sweden. *Int J Environ Res Public Health*, 19(23): 15490. <https://doi.org/10.3390/ijerph192315490>

Handels RLH, Green C, Gustavsson A, Herring WL, Winblad B, Wimo A, Sköldunger A, Karlsson A, Anderson R, Belger M, Brück C, Espinosa R, Hlávka JP, Jutkowitz E, Lin PJ, Mendez ML, Mar J, Shewmaker P, Spackman E, Tafazzoli A, Tysinger B, Jönsson L. (2022). Cost-effectiveness models for Alzheimer's disease and related dementias: IPECAD modeling workshop cross-comparison challenge. *Alzheimers Dement*. <https://doi.org/10.1002/alz.12811>

Jönsson L, Tate A, Frisell O, Wimo A. The Costs of Dementia in Europe: An Updated Review and Meta-analysis. *PharmacoeconoSNACmics*, 41(1):59-75. <https://doi.org/10.1007/s40273-022-01212-z>.

Pedroza P, Miller-Petrie MK, Chen C, Chakrabarti S, Chapin A, Hay S, Tsakalos G, Wimo A, Dieleman JL. (2022). Global and regional spending on dementia care from 2000-2019 and expected future health spending scenarios from 2020-2050: An economic modelling exercise. *EClinicalMedicine*, 45: 101337. <https://doi.org/10.1016/j.eclinm.2022.101337>.

Wimo A, Handels R, Antikainen R, Eriksson M, Jönsson L, Knapp M, Kulmala J, Laatikainen T, Lehtisalo J, Peltonen M, Sköldunger A, Soininen H, Solomon A, Strandberg T, Tuomilehto J, Ngandu T, Kivipelto M. (2022). Dementia prevention: The potential long-term cost-effectiveness of the FINGER prevention program. *Alzheimers Dement*. <https://doi.org/10.1002/alz.12698>.

Reports

Schultz K. (2022). The Association of Thyroid Biomarkers to Incontinence. Vetenskapligt arbete för Specialisttjänstgöring i Allmänmedicin.

Wimo A, Sköldunger A, BM Sjölund. (2022). Nordanstig- demografi och demens uppdatering 2. Diskussionsunderlag inför framtida dimensionering av vård och omsorg av demenssjuka. Rapport, SNAC Nordanstig,

Wimo A. (2022). An economic perspective on staging dementia. Alzheimer Disease International. World Alzheimer Report.

The Swedish Panel Study of Living Conditions of the Oldest Old (SWEOLD)

Peer-reviewed articles

Celeste RK, Darin-Mattsson A, Lennartsson C, Listl S, Peres MA, Fritzell J. (2022). Social Mobility and Tooth Loss: A Systematic Review and Meta-analysis. *J Dent Res*, 101(2): 143-150.

<https://doi.org/10.1177/00220345211029277>

Dahlberg L, McKee KJ, Frank A, Naseer M. (2022). A systematic review of longitudinal risk factors for loneliness in older adults. *Aging Ment Health*, 26(2): 225-249.

<https://doi.org/10.1080/13607863.2021.1876638>

Ekezie PE, Eriksson U, Shaw BA, Agahi N, Nilsen C. (2022). Is the mental health of older adults receiving care from their children related to their children's dual burden of caregiving and work stress? A linked lives perspective. *Aging Ment Health*.

<https://doi.org/10.1080/13607863.2022.2126820>

Meinow B, Peng L, Jasilionis D, Oksuzyan A, Sundberg L, Kelfve S, Wastesson J.W. Trends over two decades in life expectancy with complex health problems among older Swedes: implications for the provision of integrated health care and social care. *BMC Public Health*, 22(1): 759.

<https://doi.org/10.1186/s12889-022-13099-8>

Nilsen C, Celeste RK, Lennartsson C, McKee KJ, Dahlberg L. (2022). Long-term risk factors for old-age social exclusion in Sweden: a 30-year longitudinal study. *Arch Gerontol Geriatr*, 103: 104760.

<https://doi.org/10.1016/j.archger.2022.104760>

Origins of Variance in the Old-old: Octogenarian Twins (OCTO-Twin)

Peer-reviewed articles

Beam CR, Luczak SE, Panizzon MS, Reynolds CA, Christensen K, Dahl Aslan AK, Elman JA, Franz CE, Kremen WS, Lee T, Nygaard M, Sachdev PS, Whitfield KE, Pedersen NL, Gatz M. (2022). Estimating Likelihood of Dementia in the Absence of Diagnostic Data: A Latent Dementia Index in 10 Genetically Informed Studies. *J Alzheimers Dis*, 90(3): 1187-1201. <https://doi.org/10.3233/jad-220472>

Finkel D, Zavala C, Franz CE, Pahlen S, Gatz M, Pedersen NL, Finch BK, Aslan AD, Catts VS, Ericsson M, Krueger RF, Martin NG, Mohan A, Mosing MA, Prescott CA, Whitfield KE. (2022). Financial strain moderates genetic influences on self-rated health: support for diathesis–stress model of gene–environment interplay. *Biodemography Soc Biol*, 67(1), 58-70. <https://doi.org/10.1080/19485565.2022.2037069>

Vo TT, Pahlen S, Kremen WS, McGue M, Aslan AD, Nygaard M, Christensen K, Reynold CA. (2022). Does sleep duration moderate genetic and environmental contributions to cognitive performance? *Sleep*, 45(10). <https://doi.org/10.1093/sleep/zsac140>

Ageing in Women and Men: A Longitudinal Study of Gender Differences in Health Behaviour and Health among Elderly (GENDER)

Peer-reviewed articles

Beam CR, SE Luczak, MS Panizzon, CA Reynolds, K Christensen, AK Dahl Aslan, JA Elman, CE Franz, WS Kremen, T Lee, M Nygaard, PS Sachdev, KE Whitfield, NL Pedersen, M Gatz, and I Consortium. (2022). Estimating Likelihood of Dementia in the Absence of Diagnostic Data: A Latent Dementia Index in 10 Genetically Informed Studies. *J Alzheimers Dis*, 90(3): 1187-1201. <https://doi.org/10.3233/JAD-220472>

Finkel D, Zavala C, Franz CE, Pahlen S, Gatz M, Pedersen NL, Finch BK, Aslan AD, Catts VS, Ericsson M, Krueger RF, Martin NG, Mohan A, Mosing MA, Prescott CA, Whitfield KE. (2022). Financial strain moderates genetic influences on self-rated health: support for diathesis–stress model of gene–environment interplay. *Biodemography Soc Biol*, 67(1), 58-70. <https://doi.org/10.1080/19485565.2022.2037069>