

Bilaga 2.

Sammanställning av pågående arbeten i SNAC-K befolkningsdel

Pågående avhandlingar

Titel	Doktorand Handledare	Planerad disputation
How can older adults combat diabetes to achieve a longer and healthier life?	Ying Shang <i>W Xu*</i> , <i>L Fratiglioni</i> , <i>H-X Wang</i> , <i>A-K Welmer</i>	April 2021
MRI-visible perivascular spaces in the aging brain	Anna Laveskog <i>C Qiu*</i> , <i>R Wang</i> , <i>L Bronge</i> , <i>L-O Wahlund</i>	2021
Enjoying life and living healthier: the role of psychosocial factors and their biological mechanisms on functional trajectories in older age	Marguerita Saadeh <i>A Calderón-Larrañaga*</i> , <i>L Fratiglioni</i> , <i>S Dekhtyar</i> , <i>A-K Welmer</i>	2022
Injurious falls in older adults: early identification of people at risk—from observational studies to implementation research	Natalie Frisendahl <i>A-K Welmer*</i> , <i>E Franzén</i> , <i>A-M Boström</i>	2023
Disentangle the Association of Body Mass Index with Adverse Health Outcomes among Older Adults: A population-based cohort study	Jie Guo <i>Weili Xu*</i> , <i>K Johnell</i> , <i>A-K Welmer</i>	2023
Understanding mental health in old age: The role of multiple somatic diseases	Federico Tiolo <i>S Dekhtyar*</i> , <i>L Fratiglioni</i> , <i>A Calderón-Larrañaga</i> , <i>L Sjöberg</i>	2023
Blood pressure patterns and cognitive aging: A population-based study	Xin Xia <i>C Qiu*</i> , <i>D Rizzuto</i> , <i>D L Vetrano</i> , <i>E J Laukka</i>	2023
Effect of air pollution and noise on cognition in an urban setting	Jing Wu <i>D Rizzuto*</i> , <i>T Bellander</i> , <i>P Ljungman</i>	2023
Cerebral small vessel disease, genetic susceptibility, cognitive reserve, and cognitive aging	Yuanjing Li <i>C Qiu*</i> , <i>E J Laukka</i> , <i>R Wang</i> , <i>S Dekhtyar</i> , <i>G Kalpouzos</i>	2023/2024
Reducing dementia risk in older adults affected by cardiometabolic diseases	Abigail Dove <i>W Xu*</i> , <i>A Marseglia</i> , <i>D L Vetrano</i>	2024

* *Huvudhandledare*

Pågående forskningsarbete i manuskript

Titel	Författare	Inskickad (eller planerad)
Hypertension, <i>APOE</i> ε4, white matter hyperintensities, and cognitive aging: a population-based study	R Wang, L Bronge, L-O Wahlund, L Bäckman, C Qiu	2021
Perivascular spaces and cognitive aging: a population-based cohort study	Laveskog A, Wang R, EJ Laukka, Vetrano DL, Bronge L, Qiu C	2021
Prevalence of dementia in elderly people aged 60 years and older in four areas of Sweden, 2001-2013: the Swedish National Study on Aging and Care (SNAC)	Y Liang, G Santoni, C Qiu, A Wimo, J Berglund, S Elmståhl, L Fratiglioni	2021
Cerebral small vessel disease associated with atrial fibrillation among older adults: a population-based study	M Ding, R Wang, G Kalpouzos, EJ Laukka, K Johnell, L Fratiglioni, C Qiu	Accepterad
Association of lung function with cognitive decline and dementia in older adults	G Grande , M Ding, DL Vetrano, C Qiu, L Fratiglioni	2019-2021
ECG markers and cognitive aging	Y Imahori, DL Vetrano, G Grande, P Ljungman, L Fratiglioni, C Qiu,	2021
The Kungsholmen Project and SNAC-K, 1987-2016: cohort profile	C Qiu, et al	2021
Migraine, cognitive decline and dementia in old age: A population-based study	Y Gao, R Wang, G Grande, Y Liang, R Monastero, C Qiu	Inskickad
Walking speed decline in older adults in relation to cerebral small vessel disease: a population-based study	EG Heiland, AK Welmer, L Fratiglioni, G Kalpouzos, A Laveskog, R Wang, C Qiu	Inskickad
Rates of cognitive decline during the preclinical phase and their use in predicting future dementia	N M Payton, A Marseglia, L Fratiglioni, M Kivipelto , L Bäckman, E J. Laukka	2021
Health trajectories after age 60: The role of individual behaviours and social contexts	A Calderón-Larrañaga, X Hu, L Fratiglioni, DL Vetrano	Under review
Mobility and muscle strength trajectories in old age: the beneficial effect of Mediterranean diet in combination with physical activity and social support	M Saadeh, F Prinelli, DL Vetrano, W Xu, AK Welmer, S Dekhtyar, L Fratiglioni, A Calderón-Larrañaga	Under review

Markers of olfactory memory as predictors of future dementia: Comparisons to episodic and semantic memory for verbal information	E J Laukka, N M Payton, M Larsson, D Rizzuto, L Fratiglioni, L Bäckman	2021
Olfactory impairment predicts cognitive decline in aging	E Palmquist, E J Laukka, M Larsson, I Ekström, C Dintica, L Bäckman	2021
The role of psychological and social well-being on physical function trajectories in older adults	M Saadeh, AK Welmer, S Dekhtyar, L Fratiglioni, A Calderón-Larrañaga	Accepted
Vitamin B12, folate, sulfur amino-acids and the risk of dementia over 12 years	B Hooshmand, L Fratiglioni et al	2021
Socioeconomic position and unplanned hospitalization among nursing home residents – a nationwide cohort study	K Allers, A Calderón-Larrañaga, S Fors, L Morin	Accepted
Interconnectedness between depressive symptoms and somatic disease burden in late life: a network approach	F.Triolo, M. Belvederi-Murri, A Calderón-Larrañaga, D L Vetrano, L Sjöberg, L Fratiglioni, S Dekhtyar.	2021
Body mass trajectories and multimorbidity in old age: 12-year results from a population-based study	A. Calderón-Larrañaga, X. Hu, J. Guo, L. Ferrucci, W. Xu, D. L Vetrano	Under review
Multimorbidity Patterns and Risk of Frailty in Older Community-Dwelling Adults: A Population-Based Cohort Study	C. Tazzeo, D. Rizzuto, A. Calderón-Larrañaga, A. Roso-Llorach, A. Marengoni, AK Welmer, G. Onder, C. Trevisan, D. L. Vetrano	Under review
Impact of Pneumonia on Cognitive Aging in Older People: A Longitudinal Propensity-Matched Cohort Study	M.K. Hendel, D. Rizzuto, G. Grande, A. Calderón Larrañaga, E.J. Laukka, L. Fratiglioni, D.L. Vetrano	2021
Profiles of healthy aging and their role in older adults' functional trajectories	M Saadeh, S Dekhtyar, AK Welmer, DL Vetrano, L Fratiglioni, A Calderón-Larrañaga	2021
COVID19 - Collateral damage on life and health of older adults in central Stockholm	G Beridze, ..., L Fratiglioni, A Calderón-Larrañaga	2021
Health, care, and social factors associated with emergency department visits in older adults	M Naaser, A Calderón-Larrañaga, ..., L Dahlberg	2021
Sleep disturbances, physical and cognitive frailty, and physical function	S Sindi, LM Pérez-Bazán, ..., A Calderón-Larrañaga	2021

Validation of the Health Assessment Tool (HAT) in the Swedish National Study on Aging (SNAC)	A Calderón-Larrañaga, X Hu, DL Vetrano, L Fratiglioni	2021
Trajectories of social health and daily functioning among healthy community-dwelling older adults	E Verspoor, A Marseglia, ..., R Melis, A Calderón-Larrañaga	2021
Health and polypharmacy: beyond the simple count of diseases and drugs.	A de Andres, DL Vetrano, J Fastbom, L Fratiglioni, A Calderón-Larrañaga	2021
Effects of cardiovascular risk factors on cognitive decline in aging	A Speh, E J Laukka, R Wang, B Winblad et al	2021
Predictors of associative memory decline	E J Laukka, Y Brehmer et al	2021
Factors associated with Covid-19-like symptoms development in Swedish older adults	M.K. Hendel, C. Tazzeo, A. Calderón Larrañaga, L. Fratiglioni, D.L. Vetrano	2021
Air pollution and cognitive decline	Grande G, Wu J, Bellander T, D Rizzuto	Acceptedrad
Air pollution and depression	Wu J, Grande G, Bellander T, D Rizzuto	2021
Elevated serum C-reactive protein is associated with lower olfactory identification ability in older adults.	I Ekström, DL Vetrano, G Papenberg, EJ Laukka	Inskickad
Exposure to environmental air pollution is associated with faster olfactory decline in aging.	I Ekström, D Rizzuto, G Grande, T Bellander, EJ Laukka	2021

Forskningsprojekt under arbete

Ämne	Medverkande	Tidplan
The role of diabetes in morbidity and mortality in the elderly	Y Shang, W Xu et al	2021
Cardiometabolic multimorbidity, cognitive impairment, disability and survival	A. Dove, L. Fratiglioni, W Xu	2024
Sleep disturbances and cognitive decline in aging	J Skoog, S Sindi, E J Laukka, , L Sjöberg, A Darin-Mattsson, I Kåreholt	2021
Associations between MRI markers and olfactory memory decline	E J Laukka, R Wang, G Kalpouzos, M Larsson	2021
Long-term exposure to air pollution and risk of dementia: the role of homocysteine	G. Grande, T. Bellander, B Hooshmand, D. Rizzuto	2021

Long-term exposure to air pollution and risk of dementia: the role of lung function	G. Grande, A Marengoni, K Eneroth, T. Bellander, D. Rizzuto	2021
Sedentary behavior in mind – preserving good cognitive health in aging	I-M Dohrn et al	2021
Structural neuroimaging markers and the risk of injurious falls in older adults: a population-based longitudinal study	AK Welmer, R Wang, G Kalpouzos	2021
Trajectories of cognitive function after an injurious fall	Trevisan C, AK Welmer, et al	2021
Compensatory mechanisms in cognitive and physical aging. Reserve, resilience, compensation, resistance.	S. Dekhtyar, A. Marseglia, L. Fratiglioni, et al.	
Life course socioeconomic disadvantages, burden of multiple somatic diseases, and depression in older adults.	S. Dekhtyar, L. Harber-Aschan, A. Darin-Matsson, F. Triolo, et al.	2019-2022
Effects of a genetic risk score and physical inactivity on dementia incidence: A 6-year follow-up	B Ferencz, R Wang, L Bäckman, L Fratiglioni, EJ Laukka	2021
Pattern of white matter tract integrity and cognitive consequence in aging: a population-based study	R Wang, L Fratiglioni, EJ Laukka, M Lövdén, A Laveskog, L Bäckman, C Qiu	2021
Alcohol consumption and cognitive ageing	L B Hassing, E J Laukka	2021
Overlap between intact olfactory and cognitive change trajectories in aging and risk of future dementia	I Ekström, M Larsson, L Bäckman, EJ Laukka	2021
Maintained vascular health and successful cognitive aging	A Speh, M Kramberger, EJ Laukka	2021
Cerebral small vessel disease in older adults: Interplay of the main markers and their 6-year long-term progression	Y Li, G Kalpouzos, EJ Laukka, S Dekhtyar, L Bäckman, L Fratiglioni, C Qiu	2021
VRFs, cerebral SVDs, genetic factors, and cognitive aging	Y Li, DL Vetrano, G Kalpouzos, EJ Laukka, S Dekhtyar, L Bäckman, L Fratiglioni, C Qiu	2021-2022
Progression from normal cognition to dementia: impact of symptomatic and asymptomatic orthostatic hypotension	X Xia, R Wang, DL Vetrano, G Grande, EJ Laukka, M Ding, L Fratiglioni, C Qiu	Inskickad

Vascular risk factor burden and psychosocial factors from mid- to late-life and dementia in SNAC-K	X Xia, DL Vetrano, S Dekhtyar, L Fratiglioni, C Qiu	2021-2022
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Övriga projekt under arbete

Ämne	Medverkande	Tidplan
Serum markers of metabolism, inflammation and oxidative stress in relation to cognitive impairment and MRI measures	F Mangialasche et al	Pågående
Definition of CIND and MCI in the SNAC-K population	A Marseglia, G Grande, D Rizzuto, EJ Laukka, W Xu, L Fratiglioni	2021