



CURRICULUM VITAE: Miia Karita Kivipelto

1. PERSONAL INFORMATION

Date and place of birth: 6 Nov 1973, Alajärvi, Finland

Address: Karolinska Institutet, Center for Alzheimer research, Karolinska Vägen 37 A, QA32, 171 64 Solna, Sweden. Phone: +46 73 99 409 22.

Email: miia.kivipelto@ki.se

2. DEGREES

1999 *Medical doctor (MD)*, University of Kuopio, Finland

2002 *PhD*, Department of Neurology, University of Kuopio, Finland

2006 *Docent/Associate Professor* in Neurology and Neuroepidemiology, University of Kuopio

2008 *Specialist in Geriatrics*, University of Eastern Finland

2009 *Authorized Specialist in Geriatrics* in Sweden

2011 *Professor* in Clinical Geriatric Epidemiology, Karolinska Institutet (KI)

3. DOCTORAL DEGREE: 2002 PhD, Neurology, 'Vascular Risk Factors in Alzheimer's Disease and Mild Cognitive Impairment: A Longitudinal, Population-Based Study', grading: excellent, Main supervisor Prof. Hilikka Soininen, Department of Neurology, University of Kuopio, Finland

4. POSTDOCTORAL WORK (year and placement) 2003-2005 Aging Research Center (ARC), KI

5. CURRENT POSITIONS AND ROLES

Dr. Kivipelto is a Professor in Clinical Geriatrics at KI and has a combined position as a senior Geriatrician at Theme Aging (former dept of Geriatric Medicine) at Karolinska University Hospital (kombinationstjänst, 40% clinic). She is Director of Research, Development, Education and Innovation of Theme Aging. Part of her *Nordic Brain Network* (NBN) research team is located in Finland (University of Eastern Finland and Finnish National Institute for Health and Welfare) and Imperial College London, UK, where she has part time position as professor. **Time devoted for research is around 50-60%, clinic 40%, and teaching 10%.**

2017-present: *Professor (Invitation, visiting/part-time 20%)* of Neuroepidemiology, Aging and Epidemiology (AGE) Research Unit, School of Public Health, Imperial College London, UK (ICL)

2016-present *Professor in Clinical Geriatrics*, Karolinska Institutet (KI), Department of Neurobiology, Care Sciences and Society (NVS), Center for Alzheimer Research, Division of Clinical Geriatrics (Stockholms sjukhems donation professor position applied in competition)

2015-present *Director of Research, Development, Education and Innovation*, Theme Aging (former dept of Geriatric Medicine), Karolinska University Hospital (K)

2009–present *Senior Geriatrician, Theme Aging* (former dept of Geriatric Medicine), K.

2006-present *Research director (Professor since 2018)* of Neurogeriatrics, Department of Neurology, University of Eastern Finland (UEF) (part time, now affiliation)

2006-present *Senior Researcher*, Dept. of Chronic Disease Prevention, Finnish National Institute for Health and Welfare, Helsinki, Finland (THL) (affiliation)

6. PRIOR POSITIONS

2015-2018 *Managing director*, Theme Aging, K (Change Leader until 2016, after that Managing Director)

2014-2016 *Head Clinical Trials Unit*, Dept. of Geriatric Medicine, K

2009-2013 *Deputy Head* of Aging Research Center (ARC), NVS, KI

2010-2011 *University Lector* in Clinical Geriatric Epidemiology, NVS, KI

2008-2010 *Universitetsadjunkt* in Clinical Geriatric Epidemiology, NVS, KI

2007-2012 Academy of Finland *Senior Researcher* (periodically on leave)

2005-2008 *Research Scientist*, Aging Research Center and Div. of Neurogeriatrics, KI

2002-2009 *Resident*: Dept. of Geriatric Medicine, K

1999-2002 *Resident*, Dept. of Neurology, Kuopio University Hospital, Finland

1998-2002 *Study physician/coordinator* of the CAIDE study, Univ. of Kuopio

7. INTERRUPTIONS IN RESEARCH -Maternity leave in 2010, 2012 (6 months, 2 children born 2010, 2011)

8. SELECTED ACADEMIC DISTINCTIONS AND AWARDS

- The Ryman Prize, New Zealand (2020)
- Arthur C. Cherkin Award, USA (2019)
- The Swedish society of Medicine/Inga Sandeborg's award for Alzheimer Research (2018)
- Memory Association (Muistiliitto, Finland) Gold Medal (2018)
- Neuroscientist of the Year (Finland, 2018)
- MetLife Foundation Major Award for Medical Research, USA (2016)
- Swedish Alzheimer Research Foundation Major Award (2016)
- Waijlit and Eric Forsgren's award for dementia researcher (2015)
- Best PI at KI award by the KI Postdocs Association in collaboration with Nature Genetics (2014)
- AXA Major Research Award (2014)
- Karolinska Institutet Skandia's Lennart Levi prize (2013)
- Junior Chamber International Award for Ten Outstanding Young Persons of the World (2011)
- KI External research quality evaluation (ERA, international independent panel) grading 'Excellent' for Dr Kivipelto's research team (both Epidemiology and Neuroscience/psychiatry panel evaluations).
- Academy of Finland Award for Social Impact (2009)

9. PUBLICATIONS

Number of publications: 320+ articles published/accepted for publication. **H-Index:** 73

Citations: Sum of times cited: 31, 460 without self-citations

Most cited article: Kivipelto et al., BMJ 2001;322:1447-51 has >1600 citations.

Several of the publications are in leading general medical journals (e.g. The Lancet, BMJ, etc.) and journals focusing on Neurology, Geriatrics and Dementia (e.g. Lancet Neurology, Brain, Neurology, Alzheimer's & Dementia)

10. SUPERVISION AND RESEARCH TEAM

Leading the multi-disciplinary NBN team including around 100 researchers and clinical staff and several affiliated members. Main supervisor for 15 PhD students and co-supervisor for 10. Main supervisor for 12 post docs. Several master students. Main supervisor of PhD students (completed): 1. Tiia Ngandu 2006, 2. Suvi Rovio 2008, 3. Alina Solomon 2009, 4. Francesca Mangialasche 2012, 5. Minna Rusanen 2013, 6. Babak Hooshmand 2013, 7. Marjo Eskelinen 2014, 8. Miika Vuorinen 2014. 9. Krister Håkansson 2016. 10. Anna Rosenberg 2020; 11. Ulrika Akeninen (estimated 2020), 12. Göran Hagman (estimated 2021), 13. Malin Aspö (estimated 2022), 14. Jakob Norgren, MSc (2022), 15. Geraint Price (2023).

Supervisor of post docs: 1. Alina Solomon 2009–2011 (now assoc prof), 2. Tiia Ngandu 2011–2013 (now assoc prof), 3. Anna-Maija Tolppanen 2011–2014 (now adj. profes), 4. Francesca Mangialasche 2012–2016 (now assist. prof), 5. Jenni Kulmala 2012–2016 (now assoc. prof), 6. Shireen Sindi 2013–2018 (now assist prof), 7. Anna Matton 2015-2017 (now assist. prof) 8. Minna Rusanen 2015-2018 (part-time, now senior neurologist), 9. Babak Hooshmand (2014-2019, part-time, now senior neurologist), 10. Inna Lisko (2019-present), 11. Makrina Daniilidou (2019- present), 12. Leoni Visser (2020-present)

11. ROLE IN STUDIES/ DATABASES/ INITIATIVES

- 2020-present: *Lead*, Joint Program of Neurodegenerative Disease (*JPND*) consortium EURO-FINGERS: Multimodal precision prevention toolbox for dementia in Alzheimer's disease.
- 2020-present: *Principal Investigator* of KI-Janssen Strategic Collaboration: Prediction modelling, identification and validation of novel molecular signatures of dementia.
- 2019-present: *Founder and Scientific Leader* of FINGERS Brain Health Institute (<http://fbhi.se>) (a non-profit research institute aiming to facilitate coordination of World-Wide FINGERS and implementation).
- 2019-present: *Principal Investigator* of STRONGER 60+ project (aiming to test implementation of FINGER in primary care setting).
- 2018-present: *Principal Investigator* of *Swedish Research Council*: Dementia prevention platform for Theme Aging: From accurate disease models and prognostic tools to effective interventions.
- 2017 – present: *Principal Investigator* from KI: *EACare project*: Embodied Agent to support elderly mental wellbeing (joint project with KTH)
- 2017-present: *Expert and Co-lead* of guidelines development group for WHO Guidelines for Risk Reduction of Cognitive Decline and Dementia (First guidelines published in May 2019)

- 2017-present: *Founder and Scientific Leader* of the World-Wide FINGERS network (the first global network of multidomain dementia prevention trials, 30+ countries)
- 2016-present: *Principal Investigator* – EiT Health/MULTI-MODE project
- 2015-2019: *Lead /coordinator* in Joint Program of Neurodegenerative Disease (JPND) MIND-AD project
- 2014-2020: *Lead* of Nordic countries and WP leader in Innovative Medicines Initiative –European Prevention of Alzheimer’s Disease Consortium (IMI-EPAD)
- 2011-present: *Founding member* of the European Dementia Prevention Initiative (EDPI)
- 2009-present: *Founding member* of Nordic Brain Network (meant to facilitate research collaboration and utilization of infrastructures and resources in Nordic countries)
- 2009-present: *Principal investigator* - Finnish Geriatric Intervention Study to Prevent Cognitive Impairment and Dementia (FINGER)- first trial showing that a multidomain lifestyle based intervention can prevent cognitive impairment
- 2009-present: *WP leader* in EU 7th framework large collaborative projects: LipiDiDiet—Medical Nutrition in prodromal AD, and 2013–present Healthy Aging Through Internet Counselling in the Elderly (HATICE) (continuous collaboration after the grant period ended)
- 2006-present: *In charge of clinical database and biobank GEDOC* (for research and quality control) at the Memory Clinic, Theme Aging, Karolinska University Hospital
- 2004-present: *Expert/member* of advisory boards for industry related to dementia/AD studies
- 2004-present: *Principal Investigator* - Cardiovascular Risk Factors, Aging and Dementia (CAIDE) study (one of the cohort studies with longest follow-up periods >40 years)

12. MAJOR RESEARCH GRANTS

>12 milj EUR research grants during last 5 years: e.g. Wallenberg Clinical Scholars, Swedish Research Council, KI Janssen Strategic collaboration, National Philanthropic Trust (Gates Ventures), Center for Innovative Medicine, Swedish Research Council for Health, Working Life and Welfare; Academy of Finland; EU FP7, Joint Program for Neurodegenerative Disorders, Innovative Medicine Initiative, European Institute of Innovation and Technology (EiT-Health), Alzheimer’s Research and Prevention Foundation, Alzheimerfonden, MetLife Foundation Award, ALF grant, Stockholms Sjukhem donation professor post, NIHR Imperial Biomedical Research Centre, Alzheimer’s Drug Discovery Foundation.

13. TEACHING/ PRESENTATIONS

- 500+ hours of *teaching* and lectures at KI, K, UEF and ICL. Worked in various teaching positions at KI and K 2002–present and at the University of Kuopio 1999–2002, including organizing geriatric courses for medical students and research courses for PhD students and researchers.
- *Organizer* of several national and international courses on aging and dementia, 2002–present
- *Teacher in the web-based Master's Courses in Dementia Care for Physicians* program, a collaborative project run by KI and Stiftelsen Silviahemmet 2012–present
- NorDoc - Nordic Doctoral Training in Health Sciences - 2017
- Broad formal education on pedagogy and leadership, including courses at KI and internationally (e.g. European Academy for Medicine of Ageing training course 2009–2010)
- *Invited speaker/oral presentations* at the major international and national conferences in the field since 2002 (e.g. plenary speaker at Alzheimer Association International Conference 2010 and 2018, International Psychogeriatric Association 2011, Alzheimer Disease International 2011, International Springfield meeting on Advances in Alzheimer Therapy 2012, ICVD 2014, WHO Ministerial meeting 2015, Vas-Cog 2016 and 2018, AAN 2017, AD/PD 2020).
- Several press conferences, interviews, radio & TV program about research findings with Nordic & international media (e.g. BBC, CNN, Reuters, SkyNews, SVT and TV4 – around 5-10 times/year).

14. SELECTED OTHER RECENT COMMISSIONS OF TRUST

- NEAR Scientific Advisory Board member (2020-)
- Member WHO “Neurology and COVID-19 Global Forum” and mDementia WG (2020-)
- Karolinska Institutet COVID-19 reference group for aging (2020-)
- Member of the Swedish government’s “Äldreforskarråd” (Council for researchers on the elderly) (2019-present)

- Member of the Finnish Academy of Science and Letters (2019-present)
- Lead member at KI & Karolinska University Hospital Joint Vision work (2018-19)
- President of European Prevention of Alzheimer Dementia (EPAD) Academy (2016-present)
- Member of Research Strategic Committee Stockholm County Council (SLL) – KI (2016-present)
- Expert – WHO, 1st Ministerial Conference on Global Actions against Dementia 2015; OECD, Mapping for big data in Alzheimer research 2014-15; G8 Dementia Summit 2013
- Governance Committee Member - Global Council on Brain Health: A collaborative from American Association of Retired Persons (AARP) 2015-present
- Member – Expert Advisory Panel. Alzheimer Europe and Alzheimer Disease International (ADI) 2015-