



IAGG Global Research Network on Health & Ageing Questionnaire for selection process

Name of the Centre: **Aging Researc Center at Tampere School of Public Health, University of Tampere**
Key Investigator / Head of Department: **Marja Jylhä**
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Description of the Centre:

a) Type of investigations:

- Basic Science / Fundamental
- Clinical Research
- Health Services Research
- Epidemiologic/Public Health Research
- Other

b) Themes investigated (please specify):

- Dementia
- Frailty
- Sarcopenia
- Other Neurodegenerative Disorders
- Geriatric Disorders
- Cardiovascular Risk Factors
- Metabolism
- Ageing research
- Genetics
- Gerontechnology
- Other

c) Number of investigators in ongoing positions:

- Less than 5
- to 10
- More than 10

d) Number of investigators funded by specific projects:

- 1 to 3
- 4 to 5
- More than 5

e) Does your Centre have a:

- Clinical affiliation
- Academic affiliation

f) Does your Centre have a basic sciences program? (Please specify topic)

- Yes **a) health sciences b) medicine**
- No

If your Centre is affiliated to a Geriatric Department, please provide the following information:

a) Types of units:

- Acute Ward - **Number of beds: 0**
- Outpatient Ward - **Number of patients/year: 0**
- Community Care Unit - **Number of visits/year: 0**

- Day Hospital - **Number of places/day: 0**
- Geriatric Rehabilitation Unit - **Number of beds: 0**
- Long-Term Care - **Number of beds: 0**
- Special Units (stroke, memory, ortho-geriatric, psycho-geriatric) - **Number of beds: 0**

b) Number of staff in the Department:

Geriatric: **0**

Gerontology: **0**

Other: **0**

c) Does the Day Hospital have specialist services?

- Dementia / Memory
- Cardiovascular clinic
- Rehabilitation
- Falls assessment clinic
- Parkinson's disease clinic
- Other

d) Does your Geriatric Department already cooperate with supervising clinical trials?

- Yes
- No

Management of the Centre:

a) Is your Centre an existing national or government recognized medical research Centre?

- Yes
- No

b) Does the Centre receive funded grants? (Please specify source)

- Yes **MANY, e.g. The Academy of Finland, EU Framework Programs, etc etc**
- No

c) Does the Centre collaborate with trials funded by pharmaceutical companies?

- Yes
- No

d) Will the Centre shortly begin investigation projects?

- Yes
- No

Indicate the three main publications over the last 2 years:

1/ Name of Journal: **Journal of Gerontology Biol Sci Med Sci**

Title of article: **Inflammatory markers and physical performance among nonagenarians**

2/ Name of Journal: **Biogerontology**

Title of article: **Expressing profiling of immuno-associated genes in peripheral blood mononuclear cells reveal baseline differences in co-stimulatory signalling between nonagenarians and younger controls: Vitality 90+ Study**

3/ Name of Journal: **European Journal of Ageing**

Title of article: **Transitions in health and social service system at the end of life**

Please add short biographies (maximum 1 page) of the Key Investigators and Head of Department

Marja Jylhä, MD, PhD is Professor of Gerontology at Tampere School of Public Health and Director of the national graduate school 'Doctoral Programs in Public Health'. She has been actively involved in European and international research networks in ageing since the end on 1970s when she participated in the WHO-initiated comparative survey 'The Elderly in Eleven Countries?'. She was Coordinator of the Research Program on Aging in 1989-1991 and Program Director, Research Program of Aging, 1999-2003,

both launched by the Academy of Finland. She is the Principal Investigator of two major longitudinal studies, Vitality 90+ and TamELSA, and a large project on health care and services. She is a Fellow of the Gerontological Society of America since 2003 and collaborates with the National Institute on Aging. She has served as a reviewer for academic positions and funding in Finland, Sweden, Denmark, Canada, and the US. She has been actively involved in projects funded by the European Commission, such as CLESA, NUTRAGE, GEHA, AGEACTION and the new MARK-AGE. She was a member of the steering group in the European Forum on Population Ageing Research in 2000-2002, and since 2004 she has been chair of the steering committee in ERA-AGE. She also chairs the Scientific Council of the FUTURAGE project, creating a European Road map for ageing research.

Marja Jylhä's main research interests include health and functioning, longevity, old age as a culturally shaped stage of life, and health and ageing as individual experiences. She regularly publishes in highest quality epidemiological and aging research journals. Antti Hervonen, MD, PhD, Professor of Gerontology since 1980 specializes in biogerontological themes such as aging of the sympathetic nervous system, and longevity research. He is co-PI of the Vitality 90+ project and the Finnish scientist in charge in "Genetics of Healthy Ageing" and MARK-AGE. He is responsible for teaching gerontology and geriatrics at Medical School, University of Tampere where aging-related themes are more extensively represented in medical curriculum than in any other Finnish university. He is also a founding member of the Finnish Alzheimer Society. He has published more than 240 papers in international peer reviewed journals.

Pekka Rissanen, PhD, professor of Health Economics, previously worked as Head of Outcomes and Equity research group at National Research and Development Centre for Welfare and Health. Since 2002 he has been Professor of Health Economics at U Tampere and since 2004 Director of the Tampere School of Public health. He has been Editor of the Journal of Social Medicine (in Finland) and served in several national committees. He has published widely on health economics and recently particularly on organization and productivity of old age services.

Clas-Håkan Nygård, PhD is Professor in Occupational Health at the University of Tampere in Finland. His main research area is; ageing and work with special emphasis on physical capacity and strain at work, promotion of health and work ability by different measures (e.g. ergonomics). He has more than 70 articles in peer- reviewed scientific journals and more than 80 other publications. He has coordinated several multidisciplinary research projects with funding from different sources e.g. the Work Environment Fund, European Social Foundation during the last years. Many of the projects has been connected to evaluating health and well being of employees of different ages. One important aim has been to study learning as a part of work ability promotion activities, especially with a focus on aging.. He has been a member of different international and national expert committees in e.g. ageing and work, promotion of work ability, work physiology and ergonomics. He is a past president of the Finnish Ergonomics Society (1998-2001) and a member of the Nordic Ergonomics Society board and the International Ergonomics Society. He has also been involved in arranging several international research conferences in ergonomics and health promotion (e.g. vice chair in IEA 97 world congress, 1600 participants, member of the organization committee of the Nordic Health Promotion conference in 2000, 300 participants and chair of the 33rd Annual Nordic Ergonomics Society conference (NES 2001, 250 participants). In 2010, he was the President of the 4th Symposium on Work Ability. Nygard is one of the world pioneers in the emerging field of occupational gerontology.