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On behalf of the Nordic Gerontological Federation, the Norwegian Gerontology Society (NSA) and the Norwegian Geriatric Society (NGF), we welcome you to the 24th Nordic Congress of Gerontology (24NKG) in Oslo!

The Nordic gerontological congresses emphasise multidisciplinary perspectives on ageing and the life course, and are organised every other year by one of the five Nordic countries. Traditionally a congress for Nordic researchers, the NKG has in recent years developed into an important meeting place attracting researchers from all over the world. The theme for this year’s congress is “Lessons of a life time”. This indicates that we want to not only address the state of being old but also highlight what matters on the journey individuals and societies travel to get there.

We are extremely pleased to have received a large number of high-quality abstracts on a great variety of topics, reflecting the five streams of the Nordic Gerontological Federation: biological and medical sciences; health sciences; behavioural and social sciences; humanities and arts; and social research, policy and practice. This has resulted in a promising scientific programme that includes that includes 8 keynote speeches, 58 symposia, more than 100 free oral presentations and 300 posters. We hope that this Nordic congress, like others before it, will be an event that prompts fruitful meetings and new collaborations.

Oslo in springtime provides a stimulating and cheerful backdrop for the congress – days are getting longer, trees are getting their first leaves and (hopefully) the sun is luring people out into the parks and streets. We wish you a pleasant stay and a productive congress!

Nils Holand
President 24NKG

Marijke Veenstra
Secretary General 24NKG
Congress organisers

Nordic Gerontological Federation
www.ngf-geronord.se

Norwegian Geriatric Association
http://legeforeningen.no/Fagmed/
    Norsk-geriatriskforening/

Norwegian Gerontological Society
www.aldersforsk.no

Norwegian National Advisory Unit
on Ageing and Health
www.aldringoghelse.no

Norwegian Institute of Public Health
www.fhi.no

NOVA, OsloMet
- Oslo Metropolitan University
www.nova.no
Organising committee

Nils Holand, President 24NKG, Norwegian Geriatric Society

Marijke Veenstra, Secretary General 24NKG, Norwegian Gerontological Society

Katharina Herlofson, NOVA, OsloMet – Oslo Metropolitan University (formerly Oslo and Akershus University College of Applied Sciences)

Kari Midtbø Kristiansen, Norwegian National Advisory Unit on Ageing and Health

Bjørn Heine Strand, Norwegian Institute of Public Health

Toril Utne, Norwegian National Advisory Unit on Ageing and Health

Scientific committee

Marijke Veenstra, Secretary General 24NKG

Bjørn Heine Strand, Norwegian Institute of Public Health

Hanne Eriksen, Norwegian Institute of Public Health

Elisabeth Forfang, Norwegian Geriatric Association

Thomas Hansen, NOVA, OsloMet – Oslo Metropolitan University

Hege Ihle-Hansen, Norwegian Geriatric Association

Øyvind Kirkevold, Norwegian National Advisory Unit on Ageing and Health

Kariann Krohne, Norwegian Gerontological Society

Ellen Langballe, Norwegian National Advisory Unit on Ageing and Health

Vegard Skirbekk, Norwegian Institute of Public Health

Gro Tangen, Norwegian Gerontological Society
HUR helse offers well-proven exercising and test concepts for senior exercise, rehabilitation and wellness.

SMART EQUIPMENT WITH AIR RESISTANCE
HUR exercise equipment is designed to accommodate the fact that everybody is not the same. The equipment matches the body's natural muscular movement using smooth air-pressure technology and the result is safer, more effective exercise for people of all ages and abilities. For wheelchair exercisers HUR offers the Easy Access Machines, which also is used by non-wheelchair exercisers.

SMART – COMPUTERIZED SYSTEM
HUR SmartTouch system automatically adjusts sets, reps, resistance and heart rate limit thanks to individual training programs. And records all activity for automatic reporting and feedback.

NuStep deliver positive outcome for their users
Helping patients achieve positive outcomes during exercise and therapy is our top goal. That's why so many choose NuStep recumbent cross trainers for their programs.

NuStep cross trainers are safe, accessible and easy to use, NuStep cross trainers deliver a total-body cardio and strength training workout that helps increase functional fitness, enhance independence and improve quality of life. Our adaptive equipment makes it possible for people with limited mobility, balance issues or cognitive decline to get the aerobic exercise they need.

Visit HUR helse in the exhibition area and try out our exercising concepts.
PRESENTATIONS

General information symposia and oral sessions
The symposia are organised by a chair(s) and include 3-5 presentations. The oral sessions have 5-7 presentations that are grouped around a common theme. The chairs of the symposia and oral sessions are responsible for making sure sessions begin and end on time.

The congress programme is very tight. It is important that presenters stay within their allotted time to ensure that the sessions stay on track. Presenters are asked to arrive at the location no later than ten minutes before the session starts to become familiar with the operation of the audiovisual equipment.

Speaker’s room
The speaker’s room is located in the Blue Lounge (Blå salong) close to HALL D.

Opening hours:
Wednesday 2 May 10:00 – 18:00
Thursday 3 May 08:00 – 18:00
Friday 4 May 08:00 – 16:00

Symposia and oral presentations
In order to upload presentations on site, please bring the presentation on a memory stick to the Speakers’ room no later than 1 hour before the start of the session. Technicians will assist in uploading presentations.

To avoid long waiting time on site, we strongly recommend all presenters to submit their presentations to 24nkg@aldringoghelse.no the day before the session (remember to specify the number of session and presentation). Technicians will make sure the presentation is uploaded for your session.
Please make sure your presentation is suitable for Windows (not Macintosh).
The preferred format on the PPT-presentation is 16:9. Presenters can not use their own laptop.

Posters
Posters will be on display on Thursday and Friday in Forum and Hall D.

Poster presenters are asked to set up their poster on the board marked with the abstract number and remove it by the end of the day. Presenters should be available by their poster board during lunch break (12:00-13:00).

If you have any further questions about your presentation, please contact: 24nkg@aldringoghelse.no.
GENERAL INFORMATION

24NKG Contact details
www.24nkg.no
24nkg@aldringoghelse.no 24nkg@gyro.no
Phone: +47 33 34 19 50 Phone: +47 61 28 73 20

Congress Venue
Oslo Congress Centre
Address: Youngs gate 21
www.oslokongressenter.no/en/

Registration and service desk
Located in the Foyer at the Congress centre.
Opening hours:
2 May 10:00-18:00
3 May 08:00-18:00
4 May 08:00-17:00

Badges and tickets
Please wear your name badge at all time. The badge is your entrance ticket to all sessions, lunch, coffee breaks and exhibitions area. If you have lost your badge, please contact the registration desk.
Tickets for the pre-booked Welcome reception and Congress dinner are given to you at registration.

Coffee and lunch
Coffee and lunch are served in the Foyer. Coffee and tea is available at all times. Lunch is served during lunch break (12:00-13:00) on Thursday and Friday.

WiFi
Free WiFi is available. The network is called OsloKongressenter. No password is needed.

Congress App
You can view our programme, abstracts, exhibitors and general info in our 24NKG app. Use the app to plan your own agenda and to keep up with the latest news and congress updates. The app will automatically chose English or Norwegian language when downloaded.
To download the mobile app, please visit: Google Play and search for «Aldring og helse: Konferanse», or iTunes App Store and search for «AH Konferanse». 
Assistants
Volunteers will be happy to help you with practical matters. They will assist the speakers and chairs in the lecture rooms and will be at your service at the registration desk. Volunteers are wearing a blue t-shirt with the congress logo.

Cloakroom
There is a staffed cloakroom in the Foyer. For luggage, we recommend you to use the luggage store room at your hotel.

Accessibility at Oslo Congress Centre
Please inform us about your needs in advance. Oslo Congress Centre is quite accessible. There are designated parking spaces directly outside the main entrance on Youngsgate. There is a ramp with an incline rate of 1:8, with doors that open via motor operated with disabled buttons located both indoors and outdoors. We also have induction loop if needed. Elevators take you to all meeting rooms and halls from the Foyer. In the Foyer, delegates will find a staffed cloakroom and toilets.

First aid and Pharmacy
The emergency phone number is 113. In need of first aid, please contact the registration desk or the service desk at the congress centre. The nearest pharmacy is Vitusapotek which is located in Hammersborggata 12. Opening hours: Monday – Friday: 09:00 – 19:00, Saturday: 11:00 – 17:00.

Public transport
You can use the same tickets on all public transport in Oslo: bus, tram, metro, train and ferry (not the Bygdøy ferry).

Where to buy tickets
Ruter’s Customer Service Centre (in front of Oslo Central Station), in most Narvesen and 7-Eleven shops, from ticket machines at metro stations etc. Single tickets are available on the buses and ferries, but are more expensive than tickets bought in advance. With Ruter’s mobile ticket app (https://ruter.no/en/buying-tickets/mobile-ticket-app/) you can buy single, 24-hour, 7-day and 30-day tickets before you get on board. The closest tram and bus stop for Oslo Congress Centre is Brugata, at the Gunnerius shopping centre. From Brugata, it is about a 5-minute walk to the congress centre.
How to get to the central station and Oslo airport
The central station is a 10 minutes walk from the Congress centre. There are buses and trams running from Brugata to the central station.
Oslo airport Gardermoen is located 45 km from the city centre. To get to the airport from the city centre, we recommend the local train (NSB), which takes 22-25 minutes (NOK 93). Please consult timetables at https://www.nsb.no/en/frontpage
It is also possible to take the Airport Express Train (20 minutes, NOK 190).

Photocopying Service
The congress center offers photocopying service at you own cost. For details and prices, contact the info desk.

Currency/Credit card
The currency in Norway is NOK (1 Euro = 10 NOK). Major debit and credit cards are valid almost everywhere.
The nearest ATM (cash point) to Oslo Congress Centre is located in Torggata 9-11 (open 24/7)

Currency Exchange
Money Exchange Skandinavia AS, Storgata 21
Opening hours: Monday - Friday: 09:30 - 18:00, Saturday: 11:00 - 17:00, Sunday: closed

Tap water
You can drink Norwegian tap water.

Smoking
Smoking is prohibited inside Oslo Congress Centre and in all restaurants in Norway.

Tourist information
The visitor center stays open every day, all year, right outside Oslo Central Station at Jernbanetorget 1. Opening hours: Monday – Sunday 09:00 – 18:00

Insurance
In registering for the 24NKG, delegates agree that the organisers are not responsible for individual medical, travel or personal insurance. Delegates are requested to make their own travel and health insurance.
The organisers cannot assume liability for changes in the programme due to external circumstances.
Wednesday 2 May
Welcome Reception - 19:00-20:30
All delegates are invited to the Welcome reception at Oslo City Hall (Rådhusplassen 1) at 19:00-20:30. Drinks and appetizers are being served and there is time to mingle and greet old and new friends. Thereafter, all delegates are invited for a short guided tour of the City Hall. The event finishes at 20:30.

The welcome reception is free, but requires registration. You will receive your ticket at the registration desk. You will need the ticket for entering the City Hall.

Thursday 3 May
Morning run - 08:00-08:30
We invite all delegates for a light morning run. Please meet in front of the Congress centre (outside the main entrance) at 8:00 on Thursday morning. The morning run will last appr. 30 minutes.

The event is free, but requires registration.

Congress dinner - 19:00
The congress dinner will take place at Kanonhallen on Thursday evening at 19:00. Kanonhallen is located at Løren, Peter Møllers vei 2. Please meet in front of the Congress centre at 18:45 for bus transport. You may also take the metro to Kanonhallen (line 4 in direction West (Vestli via Majorstuen) to Løren from the city centre). It takes 3-5 minutes to walk from Løren station to Kanonhallen.

Shuttle buses will take you back to the Congress centre after dinner (22:45-23:45). Alternatively, Metro line 4 to Bergkrystallen (via Storo) will take you back to the city centre.

Delegates who have registered for the Congress dinner will receive their dinner tickets at the registration desk.

Friday 4 May
Tai chi - 08:00-08:30
All delegates are invited to a morning tai chi session on Friday at 8:00-8:30.

Where: to be announced.

The tai chi session is free, but requires registration.
Thursday 3 May
**Great-granny’s Garden - 13:00-14:30**
The plants in Great-granny’s Garden are collected from old gardens. Many of them are no longer commercially available, but are preserved here in a living archive. The garden is particularly designed for people suffering from dementia – the familiar scents, old-fashioned benches and other traditional elements have a comforting effect and improve their memory.

Thursday 3 May
**Alma’s house - 13:00-14:30**
- demonstrating smart technology for safe and healthy ageing
Alma’s house is a 50 square metre flat showing dementia-friendly solutions, and is part of City of Oslo Centre for Professional Development and Research. The staff has skills and competence in cognitive functioning, dementia and assistive technology (AT).

Friday 4 May
**Alma’s house - 10:30-12:00**
- demonstrating smart technology for safe and healthy ageing
See information above for Thursday’s programme.

Friday 4 May
**Meeting Memories - 10:30-12:00**
Meeting Memories is a museum access program for persons with dementia and a training program for museum educators and health care professionals. The Meeting Memories partnership is run by the City of Oslo Centre for Professional Development and Research, Oslo City Museum, The National Museum of Art, Architecture and Design, Norwegian Museum of Science and Technology, Norwegian Folk Museum, The Ibsen Museum and Natural History Museum of the University of Oslo. The partnership mutually seeks to support and strengthen the museums as an arena for dementia care.

Delegates who have signed up for the excursions should meet in the Foyer (at the registration desk) no later than five minutes prior to the scheduled departure time. All excursions require pre-registration. If you want to participate, but have not signed up yet, please contact the registration desk (the fee for the excursions is NOK 285).
MAP CONFERENCE HALL

FLOOR 3
1. Meeting room 3
2. Meeting room 4

FLOOR 2
3. Hall A
4. Hall B (Congress Hall)
5. Hall C
6. Meeting room 1
7. Meeting room 2
8. Odin
9. Balder
10. Møller

FLOOR 1
11. Auditorium
12. Foyer
13. Forum
14. Hall D
15. Blue lounge (speaker’s room)
16. Torghjørnet

MAIN ENTRANCE
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<tr>
<th>TIME</th>
<th>HALL A</th>
<th>HALL B</th>
<th>HALL C</th>
<th>AUDITORIET</th>
<th>TORG-HJØRNET</th>
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<tbody>
<tr>
<td>13:00-13:45</td>
<td>OPENING CEREMONY, CONGRESS HALL</td>
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<tr>
<td>13:45-14:15</td>
<td>Keynote</td>
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<td>14:15-14:45</td>
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<td>14:45-15:15</td>
<td>COFFEE BREAK AND EXHIBITION</td>
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<td>15:15-16:30</td>
<td>S1.1 Between work and retirement</td>
<td>S1.2 Promotion of health, active ageing and quality of life among older adults living with pain</td>
<td>S1.3 A new old age? Historical changes in the conditions of aging-related processes</td>
<td>S1.4 Once frail - always frail? Frailty prevalence and possible interventions against frailty</td>
<td>S1.5 Milk and vitamin D – the more, the better?</td>
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<td>16:30-16:45</td>
<td>BREAK</td>
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<td>16:45-18:00</td>
<td>S2.1 Do working conditions influence cognitive decline, brain structural changes and risk of dementia?</td>
<td>S2.2 Psychological distress, mental illness, and mood fluctuations in old age – causes and consequences</td>
<td>S2.3 Childlessness in late life</td>
<td>S2.4 Alzheimer Disease – new treatment strategies</td>
<td>S2.5 Re-thinking place, age, and exclusion - Learning lessons from global and multidisciplinary framework</td>
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<tr>
<td>19:00</td>
<td>WELCOME RECEPTION, OSLO CITY HALL</td>
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## Programme · Wednesday 2 May

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<th>MEETING ROOM 1</th>
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<th>S1.8</th>
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<tbody>
<tr>
<td>Informal care and wellbeing in changing societies</td>
<td>Biological ageing</td>
<td>The impact of appetite, low protein, and physical activity on function: the PROMISS study</td>
<td>Life course and physical functioning</td>
<td>Towards understanding the complexity of home care nursing</td>
<td>Dementia care</td>
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<tr>
<td>Chair: Broese van Groenou</td>
<td>Chair: Heimli</td>
<td>Chair: Jagger</td>
<td>Chair: Tangen</td>
<td>Chair: Hellesø</td>
<td>Chair: Røsvik</td>
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<tbody>
<tr>
<td>Obesity, physical function and bone health in Icelandic old adults</td>
<td>Family and intergenerational relationships</td>
<td>Health trends in various life stages in the Netherlands: 25 years Longitudinal Aging Study Amsterdam</td>
<td>Social inequalities in ageing</td>
<td>Towards a new approach of frailty in later life</td>
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<td>Chair: Ramel</td>
<td>Chair: Daatland</td>
<td>Chair: van der Noordt</td>
<td>Chair: Aartsen</td>
<td>Chair: Smetcoren</td>
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<tr>
<th>19:00</th>
<th>Welcome reception, Oslo City Hall</th>
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<tr>
<td>08:00-</td>
<td>MORNING RUN</td>
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<td>09:00-</td>
<td>Keynote</td>
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<td>09:00-</td>
<td>Jon Kvist</td>
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<td>09:30-</td>
<td>Preventing ageing unequally?</td>
<td>Recent Nordic social policy reforms</td>
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<td>Keynote</td>
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<td>09:30-</td>
<td>Mika Kivimäki</td>
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<td>10:00-</td>
<td>CARE BREAK AND EXHIBITION</td>
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<td>10:30-</td>
<td>Gender and social inequalities in the late career: Empirical evidence and critical perspectives</td>
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<td>12:00-</td>
<td>LUNCH, POSTER SESSION AND EXHIBITION</td>
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<td>12:00-</td>
<td>Care work in the Nordic countries: organization, work content and working conditions</td>
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<td>Chair: Szebehely</td>
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<td>12:00-</td>
<td>Gender and socio-economic differences in social relations in contemporary Nordic populations</td>
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<td>12:00-</td>
<td>Chair: Lund</td>
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<td>Genetic and environmental influences on the markers of biological age</td>
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<td>Chair: Jylhävä</td>
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<td>12:00-</td>
<td>The @geing online project: Developing and evaluating social e-innovations in a Nordic context</td>
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<td>12:00-</td>
<td>Chair: Forsman</td>
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<tr>
<th>TIME</th>
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<tbody>
<tr>
<td>12:00-</td>
<td>Lunch symposium: Meet the editors</td>
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<tr>
<td>12:00-</td>
<td>Chair: Aartsen</td>
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### PROGRAMME · THURSDAY 3 MAY

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<th>MEETING ROOM 1</th>
<th>MEETING ROOM 2</th>
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*O3.1 Frailty and multimorbidity*
Chair: Langballe

*S3.6 Gradations of digital inclusion in later life: A multi-cultural perspective*
Chair: Petrovčič

*S3.7 Perspectives on active ageing*
Chair: Hansen

*S3.8 Ethnicity, communication and the dementias: A Nordic perspective*
Chair: Antelius

*S3.3 Arts and humanities*
Chair: Krohne

Program Thursday to be continued on the next page
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<td>13:00-14:30</td>
<td><strong>S4.1</strong> Social inequalities in extending working lives: the role of health. The EXTEND project Chair: Deeg</td>
<td><strong>S4.2</strong> Universalism at stake – social inequalities in long-term care in the Nordic countries Chair: Rostgaard</td>
<td><strong>S4.3</strong> Grandparenthood in Europe and beyond Chair: Brandt</td>
<td><strong>S4.4</strong> DNA methylation as a biomarker of aging in longitudinal population based cohorts Chair: Hägg</td>
<td><strong>S4.5</strong> Diagnosis of causes of cognitive impairment and dementia. Lessons learned from the Nordic network in dementia diagnostics Chair: Engedal</td>
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<td><strong>14:30-14:45 BREAK</strong></td>
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<td>14:45-16:00</td>
<td><strong>S5.1</strong> Making citizenship matter Chair: Bartlett</td>
<td><strong>S5.2</strong> Dignity of older people Chair: Tranvåg</td>
<td><strong>S5.3</strong> Health technology in early prevention of age-related functional decline: the PreventIT project Chair: Taraldsen</td>
<td><strong>S5.4</strong> Trends, prevention, and costs of dementia: results from the Swedish National study on Aging and Care Chairs: Fratiglioni &amp; Grande</td>
<td><strong>S5.5</strong> User participation, collaboration, methodology and research impact in research on ageing and health Chair: Iwarsson</td>
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<td>16:00-16:30</td>
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<td><strong>Trends in mortality, morbidity and disability in the light of ageing populations. Can e-Health relieve the challenges?</strong></td>
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<td><strong>The positive plasticity of human aging: Implications for individuals and societies</strong></td>
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<td>19:00</td>
<td><strong>CONGRESS DINNER, KANONHALLEN (18:45 BUS DEPARTURE)</strong></td>
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### Programme · Thursday 3 May continued:

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<td>S4.6</td>
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<td>Tackling the alcohol consumption from different perspectives Chair: Minicuci</td>
<td>Loneliness Chair: Hansen</td>
<td>Psychological health in the retirement transition: longitudinal findings in the HEARTS study Chair: Lindwall</td>
<td>Informal care Chair: Gautun</td>
<td>Living environment, housing and well-being in later life Chair: Jolanki</td>
<td>End-of-life care in people with dementia Chair: Husebø</td>
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<td>Attitudes to sex and the role of new intimate relations in later-life: Results from England and Sweden Chair: Lee</td>
<td>Work and retirement Chair: Solem</td>
<td>Loneliness in old age: cross-national comparative perspectives Chair: Nyqvist</td>
<td>Housing and living environment Chair: Sandlie</td>
<td>Volunteers and informal caregivers in Norway: Saviours of the long-term care systems? Chair: Skinner</td>
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## Programme · Friday 4 May

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<td>09:00-09:30</td>
<td>Sandra Torres</td>
<td>Maria Krogseth</td>
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<td>Ageing in the age of migration: what an ethnicity informed and migration aware lens can offer to gerontological research, policy and practice</td>
<td>Prognosis after delirium in older people receiving home nursing care</td>
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<td>10:00-10:30</td>
<td>S6.1 Health, health behaviors and psychological factors before and after retirement Chairs: Stenholm &amp; von Bonsdorff</td>
<td>S6.2 Experiences from how interdisciplinary network initiatives enhance care home research Chair: Halvorsen</td>
<td>S6.3 Aspects of loneliness in old age Chair: Malmberg</td>
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<td>10:30-12:00</td>
<td>S6.5 Less is more? Discontinuing drug therapy to improve health outcomes among frail older adults Chair: Johnell</td>
<td>S6.4 Maximizing the quality of life in persons with dementia and their caregivers living at home Chairs: Monin &amp; Bruvik</td>
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| 13:00-14:30  | S7.1  Older workers in an extended working life  
Chair: Hellevik | S7.2  Assessment and treatment of pain in people with dementia  
Chair: Erdal | S7.3  Old age social exclusion – insights into the ROSEnet initiative  
Chair: Topo | S7.4  Biomarkers and clinical factors in mild cognitive impairment and dementia – a multicenter study  
Chair: Barca | S7.5  Psychology of physical activity among middle-aged and older individuals  
Chair: Sipilä |
| 14:30-15:00  | COFFEE BREAK, POSTERS AND EXHIBITION        |                                             |                                             |                                                 |                                                 |
| 15:00-15:30  | **NGF prize for promising researcher in gerontology:**  
Ólöf Guðný Geirsdóttir  
Eat well for healthy ageing |                                                 |                                             |                                                 |                                                 |
| 15:30-16:00  | **Sohlberg Nordic Prize in Gerontology:**  
Taina Rantanen  
Active ageing as a pathway to wellbeing |                                                 |                                             |                                                 |                                                 |
<p>| 16:00-16:30  | CLOSING CEREMONY, CONGRESS HALL            |                                             |                                             |                                                 |                                                 |</p>
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Dr John Beard is Director of the Department of Ageing and Life Course with the World Health Organization (WHO) in Geneva. The WHO has identified ageing as a priority area of work, and John leads a “whole of Organization” response that draws on the extensive capacity of the Organization’s many Departments, Regions and Country Offices. WHO’s ongoing work on ageing and health has a particular focus on low and middle income countries and includes programmes on integrated care for older people (spanning both health and social care), major knowledge translation initiatives, building a global consensus on terms and metrics, and the WHO Global Network of Age-friendly Cities and Communities, which now includes around 550 cities in 40 countries.

John is an Australian physician and has held senior public health and academic roles in Australia and the USA. He was a lead editor of the first World report on ageing and health, which was released in 2015, and co-editor of the 2014 Lancet series on Ageing. His team was responsible for drafting the Global Strategy and Action Plan on Ageing and Health, which was adopted by WHO’s 194 Member States in 2016. He is past chair of the World Economic Forum’s Global Agenda Council on Ageing and a current member of their Council on the Future of Human Enhancement. He remains actively involved in several large international research projects, and has a particular interest in the influence of the physical, social and economic environments on health.
Geir Selbæk
Professor, Psychiatrist PhD, Research director Norwegian National Advisory Unit on Ageing and Health Oslo University Hospital, Ullevaal, Oslo, Norway

Selbæk is a psychiatrist specialised in old age psychiatry. He is research director at the Norwegian National Advisory Unit on Ageing and Health (Ageing and Health) and professor at the Faculty of medicine, University of Oslo. He is involved in various fields of research regarding ageing and health, such as dementia, depression, drug use and cancer in old people. His focus has been neuropsychiatric symptoms among people with dementia in different settings.

Currently, Selbæk is leading a large Norwegian population study that will provide valid estimates for the prevalence of dementia in Norway, as well as new knowledge about modifiable risk factors of dementia in a Norwegian setting. He has published 125 scientific papers cited in PubMed. In 2018, Selbæk received the Norwegian dementia research price from the National Association of Public Health.
Knut Engedal
Professor of Geriatric Psychiatry, Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Ullevaal, Oslo, Norway

Engedal is a psychiatrist with special focus on psychiatry in old age. He was professor of psychogeriatric medicine and senior consultant at the Memory Clinic at the Department of Geriatric Medicine at Oslo University Hospital, Ullevaal between 1994 and 2013. In addition, he was the director for research and development activities between 1997 and 2013 at the Norwegian National Advisory Unit on Ageing and Health. Today, he is retired, but still active as senior researcher at the Norwegian National Advisory Unit on Ageing and Health, as chair of one of the seven regional ethics committees for research and as chair of the advisory group for dementia at the Norwegian Association of Health.

Engedal has published several textbooks on dementia and geriatric psychiatry, supervised a large number of PhD students and been author/co-author of more than 300 scientific papers cited in Pubmed. In 2006, Engedal received The Sohlberg prize – the most prestigious Nordic Prize in Gerontology.
Jon Kvist is professor of European Public Policies and Welfare Studies at the Department of Social Science and Business, Roskilde University. He was professor from 2008-2014 at the Centre for Welfare State Research (CWS) at the University of Southern Denmark, Odense and has also worked at SFI – The Danish National Institute of Social Research. Kvist has published widely on the Nordic welfare model, Europeanization and set-theoretic methods. He has chaired international research projects and been member of The Research Council of Norway’s welfare, work and migration program, the Scottish government working group on welfare and the Danish government Commission on Unemployment Insurance, and is currently national coordinator in the European Commissions new Expert Network on Social Policy.

Mika Kivimäki
Whitehall II Study Director and Professor of Social Epidemiology, Department of Epidemiology and Public Health, University College London, UK and Faculty of Medicine, University of Helsinki, Finland

Professor Kivimäki is an epidemiologist with special interests in risk factors of cardiovascular diseases, type 2 diabetes and dementia in old age. He is the Principal Investigator of the IPD-Work consortium of 17 European cohort studies. Over the past decade, Professor Kivimäki has had a number of roles, including research professor at the Institute of Occupational Health, Helsinki, Finland, and professor of occupational health at the Institute of Behavioural Sciences, University of Helsinki. He is now professor of social epidemiology in the Department of Epidemiology and Public Health at University College London and professor of epidemiology in Clinicum, Faculty of Medicine, University of Helsinki, Finland.

Kivimäki’s key area of research interest in cardiometabolic diseases and depression is now increasingly focusing on the ageing process, with the Whitehall participants now at 65 to 85 years of age. Examples of research include the importance of midlife vascular factors on old-age outcomes, such as dementia, late-onset depression, and physical functioning. Measurements of biological, behavioural, and psychological factors from early midlife onwards provide us with a great opportunity to identify key drivers of old-age health and functioning. Currently, Professor Kivimäki is leading a Nordforsk funded project on Psychosocial work environment and healthy ageing. The results of this project will characterise more precisely than has previously been possible, the role of work-related psychosocial factors as determinants of healthy ageing. Such information is important for evidence-based policies aimed at improving public health, reducing health inequalities, and extending work careers.
Professor Andersen-Ranberg's research has both a geriatric and an epidemiologic focus. In her epidemiological research, she has a main interest in health among centenarians and the oldest old. Since 2011, she is the Health Area Coordinator of SHARE-Denmark (Survey of Health, Ageing and Retirement in Europe), in addition to the Coordinator of SHARE Biobank. Professor Andersen-Ranberg is a member of the European Academy of Medicine in Ageing (EAMA). Her geriatric research includes a focus on telehealth and preventive geriatrics to avoid acute hospital admission. Such research contributes to an increased understanding of how new technology may support independent living, active ageing, and well-being in later life. Recently she has co-edited the book on Studies in Health Technology and Informatics (2018 In press), which also includes her chapter on Predictive Model for Acute Admission in Aged Population.
Dr. Ursula M. Staudinger is a psychologist and ageing researcher. She is one of the leading lifespan psychologists and is known for her work on the positive plasticity of ageing (cognition, personality) as well as her research on resilience and on wisdom. Recently, she has conducted groundbreaking studies to better understand the effects of work on ageing. She considers population ageing as one the crucial trends of the 21st century that requires multidisciplinary efforts in research and fast translational efforts to support essential societal transformations. She has been advising the German and the Singaporean government on questions of population ageing.

Staudinger is recipient of the Braunschweig Research Award 2015 and of the Seneca Medal 2017. She is Professor of Sociomedical Sciences and of Psychology at Columbia University and the Founding Director of the Robert N. Butler Columbia Aging Center. Before, she was the Founding Dean of the Jacobs Center on Lifelong Learning and Institutional Development at Jacobs University Bremen. She started her career as a Group Leader at the Max Planck Institute for Human Development in Berlin, and was Vice President and Foreign Secretary of the German National Academy of Sciences (2017-2007). Currently, Staudinger is Chair of the Board of the German Institute of Population Research, member of the Academia Europaea and an Associate Member of the Heidelberg Academy of Sciences. She is a Fellow of the Gerontological Society of America, the American Psychological Association, and the Association of Psychological Science.
As a critical social gerontologist, Sandra Torres – who holds both a Professorship in Sociology and the Chair in Social Gerontology at Uppsala University, Sweden – has conducted research that problematises old age-related constructs; sheds critical light on commonly used methods in health and social care and deconstructs some of the taken for granted assumptions that guide old-age policy and practice. Her main contributions to the field of ageing are based on studies that have aimed to expand the social gerontological imagination while being informed by the sociology of ethnicity/migration, social work and the caring sciences.

Sandra served as President to the Swedish Gerontological Society (SGS) from 2009 to 2015. At present, she co-leads the Working-Group on Civic Exclusion of the COST-Action on old age social exclusion (ROSEnet), co-chairs the interest group on International Aging and Migration for the Gerontological Society of America (GSA), is an Officer at Large of the Board of the Research Committee on Aging (RC11) of the International Sociological Association (ISA) and was elected into the (Swedish) Royal Society of Sciences in 2016. She has authored close to 90 publication. Her latest books – published in 2016 – are edited collections for Routledge: Ageing in Contexts of Migration (co-edited with Ute Karl) and Older People and Migration: Challenges for Social Work (co-edited with Sue Lawrence). At present, she is finalising a book for Policy Press entitled Ethnicity & Old Age: Re-Imagining the Intersection.
Maria Krogseth
MD, PhD, Oslo Delirium Research Group, Department of
Geriatric Medicine, Oslo University Hospital and the Old Age Psychiatry Research
Network, Telemark Hospital Trust and Vestfold Hospital Trust Oslo, Norway

Maria Krogseth is a promising early career researcher in geriatric and ageing research. Already as a medical student, she started in 2006 her research on cognitive trajectories after delirium. In 2014, she completed her PhD on prognosis after delirium in hip fracture patients. Prognosis after delirium is still her main research focus and clinical interest, although the setting for her research is now in primary care.
Since 2005, Professor Taina Rantanen has been a full Professor of Gerontology and Public Health at the University of Jyväskylä, Finland. She is one of the leading scientists in the field of gerontology, nationally, in the Nordic region, as well as internationally. In 2016, she received an ERC advanced grant from the European Research Council to the study “Active Ageing – Resilience and External Support as Modifiers of the Disablement Process”. Active ageing is a widely endorsed policy goal, which Professor Rantanen has defined in a quantifiable way at the individual level as a striving for activities as per one’s goals, abilities and opportunities. Professor Rantanen has a wide global network and has previously been employed by the National Institute on Aging in the United States and the World Health Organization. She holds several expert positions in the academia and is part of the board of prestigious scientific journals. She has received a number of honours for her contribution to ageing research, science information recognition and promoting international research collaboration. Professor Rantanen was the co-founder of the Gerontology Research Center in 2012 as a joint effort of the Universities of Jyväskylä and Tampere, and she has served as both its leader and co-leader.

Professor Rantanen has published 280 articles in international peer-reviewed journals, including high impact journals such as JAMA, Journals of Gerontology, Journal of the American Geriatrics Society and Ageing. She has supervised 24 completed PhD students’ theses and 19 post-doctoral programs. Professor Rantanen has developed a strong interdisciplinary research group and her research has had a major influence in gerontological research in several core areas, such as disability, functional capacity, mobility, physical activity and active ageing. Moreover, professor Rantanen has been instrumental in administrative leadership promoting ageing research as well as educating new professionals to the field of gerontology. She has also active connections in the Nordic region, including the position of Secretary General of the 18th Nordic Congress of Gerontology, which was held in Jyväskylä in 2006.

The Sohlberg Nordic Prize in Gerontology is generously sponsored by the Päivikki and Sakari Sohlberg Foundation.
Winner of NGF prize for promising researcher

DR. ÓLÖF GUDNÝ GEIRSDÓTTIR
University of Iceland, The Icelandic Gerontological Research Institute, Iceland

Title of NGF prize for promising researcher lecture:
Eat well for healthy ageing

Ólöf Guðný Geirsdóttir was born in Reykjavik, Iceland. She took both her master and PhD in Human Nutrition, at the University of Iceland. In 2011, she defended her thesis on “Physical activity and dietary intake in community dwelling older adults”.

Geirsdóttir has broad experience within teaching and as a nutritionist at several units at the National University of Iceland. She has contributed to clinical guidelines within nursing, a handbook for food and nutrition for older people, and prevention of falls. Geirsdóttir has contributed to 16 papers in this field, in addition to giving lectures and providing supervision. In her recent research, she focuses on associations between nutrition and physical activity among community-dwelling elderly adults. She recently became associate professor at the Faculty of Food Science and Nutrition, School of Health Sciences, University of Iceland.
WEDNESDAY 2 MAY

10:00-18:00  Registration
Foyer, Oslo Congress Centre

13:00-13:45  Opening Ceremony
Congress Hall

Welcome to the 24NKG
Congress President Nils Holand
NGF President Marja Jylhä
Minister for the Elderly and Public Health Åse Michaelsen

Music
Kampen Janitsjarorkester

13:45-14:15  Keynote lecture
Congress Hall

A life course approach to healthy ageing
John Beard
World Health Organization

14:15-14:45  Keynote lecture
Congress Hall

How to prevent dementia throughout life?
Geir Selbæk & Knut Engedal
Norwegian National Advisory Unit on Ageing and Health
Between work and retirement

Chair: Kirsi Lumme-Sandt

S1.1.1 Too old to work, too young to retire: Australian experiences of older workers
Simon Biggs
University of Melbourne, Australia

S1.1.2 Cracks in the mirror: Redundancy as a point of identity renegotiation at 50+
Pirjo Nikander, Elisa Virkola, Kirsi Lumme-Sandt, Jari Luomanen, Clas-Håkan Nygård, Anna Siukola
University of Tampere, Finland

S1.1.3 Doing retiring - the social practices of transiting into retirement and the gendered distribution of transitional risks
Anna Wanka
Goethe University, Frankfurt, Germany
Promotion of health, active ageing and quality of life among older adults living with pain
Chair: Sara Cederbom

S1.2.1 Gender perspectives on pain among older adults
Lena Sandin Wranker
Lund University, Sweden

S1.2.2 STRENGTH:
Promoting health for older adults living with pain at home
Catharina Gillsjö
University of Skövde, Sweden

S1.2.3 To promote an active ageing among older women living with pain, using a behavioural medicine approach in physiotherapy
Sara Cederbom
OsloMet – Oslo Metropolitan University, Norway
A new old age? Historical changes in the conditions of aging-related processes
Chair: Oliver Huxhold

S1.3.1 Middle-aged and older adults nowadays perceive fewer constraints than those 20 years ago: cohort effects in the longitudinal aging study Amsterdam (LASA)
Johanna Drewelies¹, Dorly J. H. Deeg²,³, Martijn Huisman²,³, Denis Gerstorf⁰
¹ Humboldt University Berlin, Germany, ² VU University, Amsterdam, The Netherlands, ³ VU University Medical Center, Amsterdam, The Netherlands

S1.3.2 Educational homophily and social networks: Cohort effects over time
Noah Webster, Toni Antonucci, Kristine Ajrouch
University of Michigan, Ann Arbor, USA

S1.3.3 Historical changes in the relationship between partner status and experiences of loneliness
Anne Böger, Oliver Huxhold
German Centre of Gerontology, Berlin, Germany

S1.3.4 Cohort-differences in age-related trajectories in network size in old age: Are networks expanding?
Bianca Suanet¹, Oliver Huxhold²
¹ VU University, Amsterdam, The Netherlands, ² German Centre of Gerontology, Berlin, Germany
Once frail - always frail? Frailty prevalence and possible interventions against frailty

Chair: Anette Hylen Ranhoff

S1.4.1 The frailty phenotype as a predictor of all-cause mortality in community-living women and men aged 70 years and older: The Tromsø Study 2001-2016
Petja Lyn Langholz1, Bjørn Heine Strand2,3, Sarah Cook4, Laila Arnesdatter Hopstock1
1 UiT The Arctic University of Norway, Tromsø, Norway, 2 Norwegian Institute of Public Health, Norway, 3 University of Oslo, Norway, 4 London School of Hygiene & Tropical Medicine, London, UK

S1.4.2 On behalf of the CARDELIR Investigators: Change in frailty status in octogenarians after cardiac intervention (aortic valve implantation)
Astri Frantzen1, Bengt Fridlund1,2, Lesley S. P. Eide3, Rune Haaverstad1,3, Karl Ove. Hufthammer1, Karel K. J. Kuiper1, Anette Hylen Ranhoff3, Tone M. Norekval1,3
1 Haukeland University Hospital, Bergen, Norway, 2 Jönköping University, Sweden, 3 University of Bergen, Norway

S1.4.3 The effect of geriatric intervention in frail older patients receiving chemotherapy for colorectal cancer: a randomized trial (GERICO)
Cecilia M. Lund1, Kirsten K. Vistisen1, Christian Dehlendorff2, Finn Rønholt1, J.S. Johansen1,3, Dorte L Nielsen1,3
1 Herlev and Gentofte Hospital, Denmark, 2 Danish Cancer Society Research Center, Denmark, 3 University of Copenhagen, Denmark
Milk and vitamin D – the more, the better?
Chair: Haakon E. Meyer

S1.5.1 Milk drinking and risk of hip fracture: Findings from Sweden
Liisa Byberg
Uppsala University, Sweden

S1.5.2 Milk drinking and risk of hip fracture: Findings from Norway
Kristin Holvik
Norwegian Institute of Public Health, Norway

S1.5.3 Vitamin D and bone - the search for the optimal dose
Haakon E. Meyer
Norwegian Institute of Public Health and University of Oslo, Norway
Informal care and wellbeing in changing societies
Chair: Marjolein Broese van Groenou

S1.6.1  Global challenges to family care
Karen Glaser
Kings College, London, UK

S1.6.2  Long-term care provision and the well-being of spousal caregivers: an analysis of 138 European regions
Melanie Wagner¹, Martina Brandt²
¹ Munich Center for the Economics of Aging (MEA), Max Planck Institute for Social Law and Social Policy, Germany, ² TU Dortmund, Germany

S1.6.3  Do patterns of care affect the quality of care and quality of life among Dutch older adults?
Marjolein Broese van Groenou
VU University, Amsterdam, The Netherlands
Biological ageing
Chair: Hilde Heimli

O1.1.1 Bone mineral density of the distal forearm as a predictor of all-cause mortality. The tromsø study
Annette Vogt Hauger¹, Bjørn Heine Strand², Astrid Bergland¹, Kristin Holvik², Agneta Ståhle³
¹ OsloMet – Oslo Metropolitan University, Norway, ² Norwegian Institute of Public Health, Norway, ³ Karolinska institutet, Sweden

O1.1.2 A 30-years longitudinal study of malaria and telomere length dynamics in Nyamisati, Tanzania
Muhammad Asghar¹, A. Miglar¹, M. Vafa-Homann¹, S. Babiker¹, L. Mhoja¹, M. Johansson², S. Jesaja², I. Rooth¹, A. Färnert¹
¹ Karolinska Institutet, Sweden, ² Nyamisati Malaria Research Unit, Tanzania

O1.1.3 Functional biological age as marker of systemic aging processes
Deborah Finkel¹, Ola Sternäng², Nancy Pedersen³
¹ Indiana University Southeast, USA, ² Jönköping University, Sweden, ³ Karolinska institutet, Sweden

O1.1.4 Parental age and sex affects mitochondrial DNA copy number in human blood and in Drosophila melanoga
Jonas Mengel-From¹, Anne-Marie Svane¹, Cino Pertoldi², Torsten Nygård Kristensen², Volker Loeschcke², Axel Skytte¹, Kaare Christensen¹, Jacob Hjelmborg¹, Lene Christiansen¹
¹ University of Southern Denmark, ² Aalborg University, Denmark, ³ Aarhus University, Denmark

O1.1.5 Poor sleep is associated with CSF-markers of Alzheimer’s disease in 70-year-olds without dementia
Johan Skoog, Kern Silke, Kaj Blennow, Henrik Zetterberg, Boo Johansson, Valgeir Thorvaldsson, Ingmar Skoog
University of Gothenburg, Sweden
The impact of appetite, low protein, and physical activity on function: the PROMISS study

Chair: Carol Jagger

S1.71 Physical function and poor appetite among community dwelling older adults: Age, Gene/Environment Susceptibility-Reykjavik Study (AGES-RS)
Milan Chang Guðjónsson1,2, Ólöf Guðný Geirsdóttir1,3, Tamara B. Harris4, Laufey Steingrimsdóttir3, Vilmundur Gudnasson3,5, Ingibjorg Gunnarsdóttir3
1 The Icelandic Gerontological Research Institute, University of Iceland, 2 Reykjavik University, Iceland, 3 University of Iceland, 4 National Institute on Aging, USA, 5 Icelandic Heart Association, Iceland

S1.72 Associations between accelerometer-assessed physical activity, sedentary behavior, and handgrip strength from five cohorts across Europe and USA among older people
Li-Tang Tsai1, Eleanor Boyle1, Jan Brønd1, Eric Shiroma2, Tamara Harris2, Anne-Marie Koster3, Marjolein Visser4, Carol Jagger5, Mike Catt6, Gudny Eiriksdóttir7, Vilmundur Gudnason7,8, Nanna Y. Arnardóttir7,9, Thorarinn Sveinsson8, Kong Chen10, Paolo Caserotti1
1 University of Southern Denmark, Odense, Denmark, 2 National Institute of Aging, USA, 3 Maastricht University, The Netherlands, 4 VU University Medical Center, Amsterdam, The Netherlands, 5 Newcastle University, UK, 6 National Innovation Centre for Ageing, Newcastle upon Tyne, UK, 7 Icelandic Heart Association, Iceland, 8 University of Iceland, Reykjavik, Iceland, 9 University of Akureyri, Iceland, 10 National Institute of Diabetes and Digestive and Kidney Diseases, USA

S1.73 Low protein intake, muscle strength and physical performance in the very old: the Newcastle 85+ Study
Antoneta Granic1,3, Nuno Mendonca3,6, Avan Aihie Sayer1,3, Tom R Hill4, Karen Davies1,3, Ashley Adamson4, Mario Siervo3, John C Mathers3,4, Carol Jagger3,4
1 AGE Research Group, Newcastle University, Newcastle upon Tyne, UK, 2 NIHR Newcastle Biomedical Research Centre, Newcastle upon Tyne Hospitals, UK, 3 Newcastle University Institute for Ageing, Newcastle upon Tyne, UK, 4 Newcastle University, Newcastle upon Tyne, UK
Life course and physical functioning
Chair: Gro Gujord Tangen

O1.2.1 Influence of healthy lifestyle activities in the incidence of frailty
Jenny Osa¹, Miguel German Borda², Mario Ulises Pérez-Zepeda³, Camilo Gomez², Carlos Cano²
¹ Stavanger University Hospital, Norway, ² Pontificia Universidad Javeriana, Colombia,
³ Instituto Nacional De Geriatría, Macedonia

O1.2.2 Early life determinants of frailty in old age: the Helsinki Birth Cohort Study
Markus Haapanen¹, Mia Perälä², Clive Osmond³, Minna Salonen², Eero Kajantie², Taina Rantanen⁴, Mika Simonen¹, Pertti Pahjolainen⁵, Johan Eriksson¹, Mikaela von Bonsdorff⁴
¹ University of Helsinki, Finland, ² National Institute for Health and Welfare, Finland,
³ University of Southampton, UK, ⁴ University of Jyväskylä, Finland, ⁵ Age Institute, Finland

O1.2.3 Midlife cardiovascular risk factors and physical functioning trajectories in old age
Mikaela von Bonsdorff¹, Timo Törmäkangas¹, Sari Stenholm², Kaisu Pitkälä³, Timo Strandberg³
¹ University of Jyväskylä, Finland, ² University of Turku, Finland, ³ University of Helsinki, Finland

O1.2.4 A capabilities approach to unequal trajectories of healthy ageing: The importance of the environment
Christine Stephens, Agnes Szabo, Joanne Allen, Fiona Alpass
Massey University, New Zealand

O1.2.5 Health status and health care utilization patterns in exceptionally long-lived people
Debora Rizzuto, Davide Liborio Vetrano, Giulia Grande, Amaia Calderon-Larrañaga, Laura Fratiglioni
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden
The influence of psychosocial working conditions on late-life mobility in Sweden
Charlotta Nilsen¹, Alexander Darin-Mattsson¹,², Ross Andel³,
Ingemar Kåreholt¹,², ⁴
¹ Aging Research Centre, Karolinska Institutet, Stockholm, Sweden,
² Stockholm University/Karolinska institutet, Sweden, ³ School of Aging Studies, University of
South Florida and International Clinical Research Center, USA, ⁴ Institute of Gerontology, Sweden
Towards understanding the complexity of home care nursing
Chair: Ragnhild Hellesø

S1.8.1 Home care nursing as information practice
Ragnhild Hellesø
University of Oslo, Norway

S1.8.2 Home care nursing as relational practice
Kristin Björnsdóttir
University of Iceland, Iceland

S1.8.3 Home care nursing as collaborative practice
Mette Geil Kollerup, Tine Curtis, Birgitte S. Laursen
Aalborg University, Denmark
Dementia care
Chair: Janne Røsvik

O1.3.1 Maintaining well-being among dementia family caregivers: Does dyadic relationship matter?
Doris Sau-fung Yu, Fan Zhang
Chinese University of Hong Kong

O1.3.2 Geriatrician in the practice model of integrated dementia care
Jeremy Christley, Tabitha Hartwell
Shoalhaven Hospital, Australia

O1.3.3 Ordering care and support for families of older people with dementia living at home
Margrét Guðnadóttir¹, Kristin Bjornsdóttir¹, Christine Ceci², Marit Kirkevold³
¹University of Iceland, Iceland, ²University of Alberta, Canada, ³University of Oslo, Norway

O1.3.4 Tablet-based interventions for people with dementia in different health care settings
Johanna Nordheim¹, Jan-Niklas Voigt-Antons², Julie O’Sullivan¹, Adelheid Kuhlmey¹, Paul Gellert¹
¹Charité-Universitätsmedizin, Germany, ²Technische Universität Berlin, Germany
Do working conditions influence cognitive decline, brain structural changes and risk of dementia?
Chair: Kirsten Nabe-Nielsen

S2.1.1  An active job in midlife may prevent cognitive decline in later life
Kuan-Yu Pan
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S2.1.2  Association of psychosocial work stress with structural brain changes
Hui-Xin Wang
Stress Research Institute, Stockholm University and Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S2.1.3  Social relations at work and incident dementia
Ishtiak-Ahmed Kazi
University of Copenhagen, Denmark

S2.1.4  Shift work, long working hours, and dementia
Kirsten Nabe-Nielsen
University of Copenhagen, Denmark
Psychological distress, mental illness, and mood fluctuations in old age – causes and consequences
Chair: Ingemar Kåreholt

S2.1.1 Linking financial hardship and psychological distress from childhood to old age: testing the sensitive period, chain of risks, and accumulation of risks hypotheses
Alexander Darin-Mattsson, Ross Andel, Roger Keller-Celeste, Ingemar Kåreholt
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S2.2.2 Longitudinal changes in within-person fluctuation in mood as a marker of terminal decline
Deborah Finkel, Nilam Ram, Nancy Pedersen
Indiana University Southeast, USA

S2.2.3 Older people with and without mental illness - register-based population study from Sweden
Marie Ernsth-Bravell, Per Bülow, Joy Torgé, Monika Wilinska, Pia H. Bülow, Magnus Jegermalm
Jönköping University, Sweden

S2.2.4 Severe mental illness from a life course perspective - the meaning of times and spaces
Monika Wilinska, Pia Bülow, Per Bülow, Marie Ernsth-Bravell, Magnus Jegermalm, Joy Torgé
Jönköping University, Sweden
Childlessness in late life
Chair: Anu Siren

S2.3.1 Social relations and loneliness among older adults without children: exploring the heterogeneity
Anu Siren, Freya Casier
The Danish Centre of Applied Social Science, Denmark

S2.3.2 Loneliness experienced by older people without children - a case study
Elisa Tiilikainen
University of Eastern Finland

S2.3.3 Family form and care arrangements in old age: a survey and register based study from Denmark
Agnete Aslaug Kjær, Freya Casier
The Danish Centre of Applied Social Science, Denmark

S2.3.4 Ageing with and without children: fulfilling generativity as a developmental task
Anu Siren, Freya Casier
The Danish Centre of Applied Social Science, Denmark
Alzheimer disease - new treatment strategies

Chair: Bengt Winblad

S2.4.1 Comparison between new clinical and research diagnostic criteria in AD - implications for our health care system and for inclusion in clinical trials
Tormod Fladby
University of Oslo, Norway

S2.4.2 Innovative approaches in prevention trials for dementia and alzheimer: from finger to world-wide fingers
Tiia Ngandu
National Institute for Health and Welfare, Finland

S2.4.3 Present and future treatment possibilities in alzheimer disease
Bengt Winblad
Karolinska Institutet, Sweden

S2.4.4 Treatment of behavioral and psychiatric symptoms in dementia
Knut Engedal
Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway
Re-thinking place, age, and exclusion - learning lessons from global and multi-disciplinary framework

Chair: Anna Wanka
Discussant: Simon Biggs

S5.3.1 The social production of age, space and exclusion: towards a more theory-driven understanding of spatial exclusion mechanisms in later life
Anna Wanka¹, Thibauld Moulaert², Matthias Drilling³
¹ Goethe University Frankfurt, Germany, ² Grenoble Alpes University, France, ³ Hochschule für Soziale Arbeit FHNW, Switzerland

S5.3.2 Assumed citizen involvement: co-creation in the danish old age sector
Aske Juul Lassen, Astrid Pernille Jespersen
University of Copenhagen, Denmark

S5.3.3 Benches as materialisations of age in public space - mediating active ageing, mobility and social in/exclusion
Thibauld Moulaert², Anna Wanka²
¹ Grenoble Alpes University, France, ² Goethe University, Frankfurt, Germany

S5.3.4 The role of remaking home in mediating social exclusion in rural places
Kieran Walsh¹, Graham Rowles²
¹ National University of Ireland Galway, Ireland, ² University of Kentucky, USA
Obesity, physical function and bone health in Icelandic old adults

Chair: Alfons Ramel

S2.6.1 Body mass index is associated with higher bone mineral density but with lower vitamin D and poorer physical function in highly functional old Icelandic adults

Ólöf Guðný Geirsdóttir1,2
1 University of Iceland, Reykjavik, Iceland, 2 The Icelandic Gerontological Research Centre, Reykjavik, Iceland

S2.6.2 Body composition and associations with physical function and falls in pre-frail community dwelling Icelandic adults

Alfons Ramel1,2
1 University of Iceland, Reykjavik, Iceland, 2 The Icelandic Gerontological Research Centre, Reykjavik, Iceland

S2.6.3 BMI is associated with an increased number of lifetime fractures, falls and wrist fractures in Icelandic adults - a case-control study

Bergþóra Baldursdóttir1,2,3
1 University of Iceland, Reykjavik, Iceland, 2 The Icelandic Gerontological Research Centre, Reykjavik, Iceland, 3 University Hospital of Iceland

S2.6.4 Characteristics of old adults with hip fracture in the AGES-Reykjavik study

Sigrun Sunna Skuladóttir1,2
1 University of Iceland, Reykjavik, Iceland, 2 The Icelandic Gerontological Research Centre, Reykjavik, Iceland
Family and intergenerational relationships
Chair: Svein Olav Daatland

O2.1.1 Dementia: positive aspects of relationship changes
Willeke van de Ruitenbeek¹, Carolien Smits², Thóra B. Hafsteinsdóttir³
¹ Stichting De Bilthuysen, The Netherlands, ² Windesheim, University of Applied Sciences, The Netherlands, ³ University Medical Centre Utrecht, The Netherlands

O2.1.2 Intergenerational solidarity in ageing stepfamilies - the case of mediating relationships
Torbjörn Bildtgård¹, Peter Öberg²
¹ Stockholm University, Sweden, ² University of Gävle, Sweden

O2.1.3 Generational support in Iceland: How older people in Iceland support the younger generations
Ingibjörg Harðardóttir, Amálía Björnsdóttir
University of Iceland, Iceland

O2.1.4 Great-grandparents in the perspective of the multigenerational family
Emily Schuler, Cristina Maria de Souza Brito Dias
Universidade Católica de Pernambuco, Brazil

O2.1.5 Knitting alone in the city: Oslo’s intra- and inter-urban variations in linked lives
Gustavo Sugahara¹, Viggo Nordvik²
¹ OsloMet – Oslo Metropolitan University, Norway, ² NOVA, OsloMet – Oslo Metropolitan University, Norway

O2.1.6 Changing intergenerational relations and their impact upon older people’s depression in China
Yazhen Yang, Maria Evandrou
University of Southampton, UK
Health trends in various life stages in The Netherlands: 25 years Longitudinal Aging Study Amsterdam
Chair: Maaike Van der Noordt
Discussant: Marja Jylhä

S2.7.1 Changes in the association between working conditions and pre- and post-retirement health over a 20-year period
Maaike van der Noordt1, Theo G. van Tilburg2, Suzan van der Pas1, Bram Wouterse, Dorly J.H. Deeg1
1 VU University Medical Center, Amsterdam, The Netherlands,
2 VU University, Amsterdam, The Netherlands

S2.7.2 Trends in functioning among older adults in The Netherlands
Erik J. Timmermans, Emiel O. Hoogendijk, Dorly J.H. Deeg, Martijn Huisman
VU University Medical Center, Amsterdam, The Netherlands

S2.7.3 Non-linear changes in fatality of specific chronic diseases during 1993-2013 in The Netherlands
Dorly J.H. Deeg, Maaike van der Noordt, Emiel Hoogendijk, Martijn Huisman
VU University Medical Center, Amsterdam, The Netherlands

S2.7.4 The lethality of frailty in older adults: Results from a trend study (1995-2016)
Emiel O. Hoogendijk, Dorly J.H. Deeg, Martijn Huisman
VU University Medical Center, Amsterdam, The Netherlands
Social inequalities in ageing

Chair: Marja Aartsen

O2.2.1 Life-course socioeconomic differences in preventable and non-preventable mortality
Malin Ericsson¹, Anna Johansson¹, Nancy Pedersen¹, Stefan Fors¹,³
Anna Dahl Aslan¹,⁴
¹ Karoliska Institutet, Sweden, ² Cancer Registry of Norway, ³ Stockholm University, Sweden,
⁴ Jönköping University, Sweden

O2.2.2 Patterns of cognitive decline at higher ages: Are more educated persons better off?
Jonathan Wörn¹, Marja Aartsen², Hannie Comijs³, Martijn Huisman³
¹ University of Cologne, Germany, ² NOVA, OsloMet – Oslo Metropolitan University, Norway,
³ VU University Medical Center, The Netherlands

O2.2.3 Socioeconomic Differences in Health Depreciation over the Life Course among the Norwegian Elderly
Maja Weemes Grøtting¹, Astrid Grasdal²
¹ NOVA, OsloMet – Oslo Metropolitan University, Norway, ² University of Bergen, Norway

O2.2.4 Divergence and convergence: How do income inequalities in mortality change over the life-course?
Johan Rehnberg¹,², Johan Fritzel¹, Stefan Fors¹
¹ Karolinska Institutet, Sweden, ² Stockholm University, Sweden

O2.2.5 Choice and need: Care managers’ views of inequality in elder care in three Nordic cities
Sara Erlandsson¹, Helene Brodin¹, Lea Graff², Olli Karsio³, Elin Peterson¹
¹ Stockholm University, Sweden, ² VIVE, Denmark, ³ University of Tampere, Finland
Towards a new approach of frailty in later life

Chair: An-Sofie Smetcoren
Discussant: G.A. Rixt Zijlstra

S2.8.1 New theoretical perspectives on frailty: focus on prevention and empowerment
An-Sofie Smetcoren¹, Nico De Witte¹,², Liesbeth De Donder¹, Eva Dierckx¹, Sarah Dury¹, D-SCOPE Consortium
¹ Vrije Universiteit Brussel, Belgium, ² University College Ghent, Belgium

S2.8.2 What is the prevalence of cognitive frailty, and what is its association with other frailty domains?
Anne Van der Vorst¹, Ellen De Roeck²,³, Sebastiaan Engelborghs, G.A.Rixt Zijlstra¹, Eva Dierckx³, D-SCOPE Consortium
¹ Maastricht University, The Netherlands, ² University of Antwerp, Belgium, ³ Vrije Universiteit Brussel, Belgium, 4 Department of Neurology and Memory Clinic, Hospital Network Antwerp (ZNA), Belgium

S2.8.3 Detection of (pre-)frail older people at municipality level: Increasing effectiveness by using evidence-based risk profiles
Sarah Dury, Liesbeth De Donder, Eva Dierckx, An-Sofie Smetcoren
Vrije Universiteit Brussel, Belgium

S2.8.4 Informal care as balancing factor for mastery of frail community-dwelling older adults
Deborah Lambotte, Liesbeth De Donder, Martinus J.M. Kardol
Vrije Universiteit Brussel, Belgium

19:00-20:30 Welcome reception
Oslo City Hall
THURSDAY 3 MAY

08:00-18:00  Registration open
             Foyer, Oslo Congress Centre

08:00-08:30  Morning Run

09:00-17:00  Poster exhibition
             Forum and Hall D

09:00-09:30  Keynote lecture
             Congress Hall
             Preventing ageing unequally?
             Recent Nordic social policy reforms
             Jon Kvist
             Roskilde University

09:30-10:00  Keynote lecture
             Congress Hall
             Stress, lifestyle and healthy ageing:
             Evidence from big data approaches
             Mika Kivimäki
             University College London and University of Helsinki

10:00-10:30  Coffee break
Gender and social inequalities in the late career: Empirical evidence and critical perspectives
Chair: Loretta Platts
Discussant: Martin Hyde

S3.1.2 The role of mid-career income for gender pension gaps in Sweden
Stefanie König, Boo Johansson, Marie Kivi
Gothenburg University, Sweden

S3.1.2 Predictors of returns to paid work following retirement:
A prospective analysis of “unretirement” in Germany, Russia and the UK
Loretta G. Platts¹, Karen Glaser²
¹ Stress Research Institute, Stockholm University, Sweden, ² King’s College London, UK

S3.1.3 Prolongation of working life and physical functioning in old age in Sweden
Harpa Sif Eyjólfsdóttir¹, Isabel Baumann², Neda Agahi³, Johan Fritzell¹, Carin Lennartsson¹
¹ Aging Research Center, Karolinska Institutet, Sweden, ² Zürich University of Applied Sciences, Switzerland

S3.1.4 Consequences of retirement on healthcare use: Applying an inequality-sensitive approach using Swedish register data
Martin Wetzel¹, Stefanie König², Susanne Kelfve³
¹ University of Cologne, Germany, ² Gothenburg University, Sweden, ³ Linköping University, Sweden
S3.2.1 Changes in the content of care and the working conditions of care workers - impact of marketisation and reablement?
Tine Rostgaard¹, Teppo Kröger², Anneli Stranz³, Mia Vabø⁴
¹ The Danish Centre of Applied Social Science, Denmark, ² University of Jyväskylä, Finland,
³ Stockholm University, Sweden, ⁴ NOVA, OsloMet – Oslo Metropolitan University, Norway

S3.2.2 Part-time work - the great paradox of Norwegian elder care
Mia Vabø¹, Ida Drange²
¹ NOVA, OsloMet – Oslo Metropolitan University, Norway,
² AFI, OsloMet – Oslo Metropolitan University, Norway

S3.2.3 Work conditions of Finnish care workers in Nordic comparison
Teppo Kröger, Jiby Mathew Puthenparambil
University of Jyväskylä, Finland

S3.2.4 Listen to the care workers: proposals for better working conditions and quality of eldercare services
Anneli Stranz
Stockholm University, Sweden

S3.2.5 Why are home care workers staying in their jobs, and why are they leaving?
Rebecka Strandell
Stockholm University, Sweden
Gender and socioeconomic differences in social relations in contemporary Nordic populations

Chair: Rikke Lund

S3.3.1 Gender and social class differences in social relations in middle-aged Danes
Rikke Lund
University of Copenhagen, Denmark

S3.3.2 Loneliness, social isolation, and all-cause mortality in older Swedish women and men
Carin Lennartsson
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S3.3.3 The social pattern of conflicting and low quality social relations
Marja Aartsen
NOVA, OsloMet – Oslo Metropolitan University, Norway

S3.3.4 Are old-age gender-differences in social relations modified by education in the Nordic countries?
Charlotte Juul Nilsson
University of Copenhagen, Denmark

S3.3.5 Gender and educational differences in social relations among 60 to 69 years old Finnish men and women
Johanna Surakka
University of Tampere, Finland
Genetic and environmental influences on the markers of biological age
Chair: Juulia Jylhävä

S3.4.1  Sex differences in financial strain moderation of genetic influences on subjective health
Deborah Finkel
Indiana University Southeast, USA

S3.4.2  Influences of the genetic component of subjective wellbeing on frailty, multi-morbidity and self-perceived health in an aging Swedish population: A genetic risk score approach
Miriam Mosing
Karolinska Institutet, Stockholm, Sweden

S3.4.3  Genetic and environmental influences on the epigenetic clock across the old age
Juulia Jylhävä
Karolinska Institutet, Stockholm, Sweden

S3.4.4  Telomere length in twins: unravelling the biomarker of aging - question
Jacob Hjelmborg
University of Southern Denmark, Denmark
The @geing Online project: Developing and evaluating social e-innovations in a Nordic context
Chair: Anna K. Forsman

S3.5.1 Technology-based interventions for the promotion of mental well-being among older adults: the current evidence-base
Johanna Nordmyr
Åbo Akademi University, Vaasa, Finland

S3.5.2 Exploring the influence of an Internet-based support system on experiences of isolation and social inclusion among older people in rural areas
Madeleine Blusi
Umeå University, Sweden

S3.5.3 ICT use and wellbeing: Older adults’ experiences of ICT use and participation in regional development projects
Emilia Viklund
Åbo Akademi University, Vaasa, Finland

S3.5.4 A window towards the world - older adults’ experiences of interacting with others via real video communication, and its meaning for becoming in health and human development
Regina Santamäki Fischer
Åbo Akademi University, Vaasa, Finland
Gradations of digital inclusion in later life: A multi-cultural perspective
Chair: Andraž Petrovčič

S3.6.1 Many shades of the “grey divide”: Senior technology users’ and non-users’ participation in electronically-mediated family communication
Sakari Taipale
University of Jyväskylä, Finland

S3.6.2 Digital inclusion of older adults through proxy internet use (PIU)
Darja Grošelj, Vesna Dolnicar, Andraž Petrovčič
University of Ljubljana, Slovenia

S3.6.3 Understanding disparities of the digital divide: Recommendations for theory, policy, and practice
Mei Lan Fang¹, Sarah Canham¹, Lupin Battersby², Mineko Wada¹,
Judith Sixsmith³, Andrew Sixsmith¹
¹ Simon Fraser University, Canada, ² Fraser Health, Canada, ³ University of Dundee, Canada

S3.6.4 Robots responding to care needs? Analysing design strategies behind the new generation of care robots
Lina Van Aerschot, Jaana Parviainen
University of Tampere, Finland

S3.6.5 Technology use and acceptance in the rehabilitation of stroke patients
Marianne Nieboer, Li-Juan Jie, Lydia Willemse, Ritch te Kampe, Susy Braun,
Eveline Wouters
Fontys University of Applied Sciences, The Netherlands
Frailty and multimorbidity
Chair: Ellen Melbye Langballe

O3.1.1  **Light Intensity Activity: a possible contribution to delay frailty**
Madalena Gomes da Silva¹, José Sousa², Maria do Carmo Rocha²
¹ Polytechnic Institute of Setubal, Portugal, ² Escola Superior Saúde - IPS, Portugal

O3.1.2  **Long-term home-based physiotherapy for persons with signs of frailty - HIPFRA study**
Sara Suikkanen¹, Paula Kärmeniemi¹, Katriina Kukkonen-Harjula¹,
Sanna Kääriä², Hannu Kautiainen³, Sarianna Sipilä⁴, Kaisu Pitkälä³,
Markku Hupli¹
¹ South Karelia Social and Health Care District, Finland, ² Hyvis-ICT, Kotka, Finland,
³ University of Helsinki, Finland, ⁴ University of Jyväskylä, Finland

O3.1.4  **Prevalence of frailty in older patients in the municipality of Aarhus**
Merete Gregersen, Charlotte Thordal Poulsen, Else Marie Damsgaard
Aarhus University Hospital, Denmark

O3.1.5  **Natural course of frailty components in people who develop frailty syndrome: Evidence from 2 cohort**
Sari Stenholm¹, ², Luigi Ferrucci³, Jussi Vahtera¹, Emiel O Hoogendijk⁴,
Martijn Huismans⁴, Jaana Pentti⁵, Stefania Bandinelli⁶, Jack Guralnik⁷,
Mika Kivimäki⁸⁹
¹ University of Turku, Finland, ² University of Tampere, Finland, ³ National Institute on Aging, USA,
⁴ VU University Medical Center, The Netherlands, ⁵ University of Helsinki, Finland, ⁶ USL Toscana
Centro, Italy, ⁷ University of Maryland, USA, ⁸ University College London, UK

O3.1.6  **Frailty and multimorbidity: a systematic review and meta-analysis**
Davide Liborio Vetrano¹, Katie Palmer², Alessandra Marengoni³,
Emanuele Marzetti⁴, Fabrizia Lattanzio⁵, Regina Roller-Wirnsberger⁶,
Lopez Samaniego Luz⁷, Leocadio Rodriguez-Mañas⁸, Roberto Bernabei⁴,
Graziano Onder⁴
¹ Karolinska Institutet, Sweden, ² San Camillo Hospital IRCCS, Italy, ³ University of Brescia, Italy,
⁴ Catholic University of Rome, Italy, ⁵ Italian National Research Centre on Aging, Italy,
⁶ Medical University of Graz, Austria, ⁷ Andalusian, Regional Ministry of Health of Andalusia,
Spain, ⁸ Hospital Universitario de Getafe, Spain
Perspectives on active ageing

Chair: Thomas Hansen

S3.7.1  **Active ageing - Participation in society**  
Per H. Jensen  
Aalborg University, Denmark

S3.7.2  **Dynamics of volunteering and life satisfaction in midlife and old age: Findings from 12 European countries**  
Christian Deindl¹, Thomas Hansen², Marja Aartsen², Britt Slagsvold²  
¹ TU Dortmund, Germany, ² NOVA, OsloMet – Oslo Metropolitan University, Norway

S3.7.3  **Active ageing and age integration**  
Pearl A. Dykstra¹, Maria Fleischmann²  
¹ Erasmus University Rotterdam, The Netherlands, ² University College London, England

S3.7.4  **Inequality in active ageing outcomes**  
Mikkel Barslund  
Centre for European Policy Studies, Brussels, Belgium

S3.7.5  **Volunteering among middle-aged and older Norwegians: participation, motivation, and barriers**  
Thomas Hansen, Britt Slagsvold  
NOVA, OsloMet – Oslo Metropolitan University, Norway
Dementia
Chair: Anne Marie Mork Rokstad

O3.2.1  Educational level and its Association with the domains of the Montreal Cognitive Assessment Test
Miguel German Borda Borda, Carlos Reyes-Ortiz, Mario Ulises Pérez-Zepeda, Daniela Patiño-Hernandez, Camilo Gomez, Carlos Cano
1 Pontificia Universidad Javeriana, Colombia, 2 Texas University, USA, 3 Instituto Nacional De Geriatria, Mexico

O3.2.2  Mortality prediction tables for dementia based on 50,076 patients from the Swedish Dementia Registry
Miriam Haaksma, René Melis, Marcel Olde Rikkert, Maria Eriksdotter
1 Radboud University Medical center, The Netherlands, 2 Radboudumc Alzheimer Center, 3 Radboud Institute for Health Sciences, The Netherlands, 4 Donders Institute, The Netherlands, 5 Karolinska Institutet, Sweden

O3.2.3  Vital exhaustion and incidence of dementia: Results from the Copenhagen City Heart Study
Sabrina Islamoska, Åse Marie Hansen, Anne Helene Garde, Matias Brødsgaard Grynderup, Finn Glyttenberg, Kazi Ishtiaq Ahmed, Erik Lykke Mortensen, Thien Kieu Thi Phung, Eva Prescott, Naja Hulvej Rod, Eszter Török, Gunhild Waldemar, Kirsten Nabe-Nielsen
1 University of Copenhagen, Denmark, 2 The National Research Centre for the Working Environment, Denmark, 3 Bispebjerg Hospital, Denmark, 4 Danish Dementia Research Centre, Rigshospitalet, Copenhagen, Denmark

O3.2.4  Alzheimer related determinants, not co-morbidity, are associated with mortality in young AD patients
Hanneke Rhodius, Hilkka Liedes, Ted Koene, Afina Lemstra, Charlotte Teunissen, Frederik Barkhof, Philip Scheltens, Mark van Gils, Jyrki Lötiönen, Wiesje van der Flier
1 VU University Medical Center, Amsterdam, The Netherlands, 2 VTT Technical Research Centre of Finland, 3 Combinostics, Finland

Continues next page
O3.2.5  **Does physical activity moderate the association between ApoE and cognitive decline in older adults?**
Najada Stringa, Natasja van Schoor, Yuri Milaneschi, Hannie Comijs, Martijn Huisman
VU University Medical Center, Amsterdam, The Netherlands

O3.2.6  **Acetylcholinesterase inhibitors and risk of stroke and death in persons with dementia**
Edwin Tan¹, Kristina Johnell¹, Sara Garcia-Ptacek¹, Miriam Haaksma¹, Johan Fastbom¹, J Simon Bell², Maria Eriksdotter¹
¹ Karolinska Institutet, Sweden, ² Monash University, Australia

O3.2.7  **How does exercise interact with fall-related drugs on falls among persons with Alzheimer disease?**
Niko Perttilä¹, Hanna Öhman¹, Timo Strandberg², Hannu Kautiainen¹, Minna Raivio¹, Marja-Liisa Laakkonen¹, Niina Savikko¹, Reijo Tilvis¹, Kaisu Pitkala¹
¹ University of Helsinki, Finland, ² University of Oulu, Finland
Ethnicity, communication and the dementias: A Nordic perspective
Chair: Eleonor Antelius

S3.8.1 Ethnoculturally profiled dementia care
Eleonor Antelius, Charlotte Plejert
Linköping University, Sweden

S3.8.2 “What to do when we are not able to communicate”?
Ragnhild Stortein-Spilker, Mette Sagbakken
The Norwegian Centre for Migration and Minority Health [NAKMI], Norway

S3.8.3 Communicative competence in multilingual persons with dementia
Anne Marie Dalby Landmark, Pernille Hansen
University of Oslo, Norway

S3.8.4 Perspectives from relatives on the care of elderly immigrants with dementia
Reidun Ingebretsen
NOVA, OsloMet – Oslo Metropolitan University, Norway

S3.8.5 Validation of the Rowland Universal Dementia Assessment Scale for cognitive screening of multicultural populations across five European countries
Rune Nielsen
Righospitalet, Copenhagen, Denmark
THURSDAY 10:30-12:00  03.3  BALDER

Arts and humanities

Chair: Kariann Krohne

O3.3.1  Men in the third Age and their lived experiences of engaging in music
Katarina Lindblad
Örebro University, Sweden

O3.3.2  Masculinity, ageing and dress: The embodied gender of everyday life
Julia Twigg
University of Kent, UK

O3.3.3  Where seniors becomes like children again.
Senior camps in the Swedish media discourse.
Janicke Andersson, Lisa Ekstam, Gabriella Nilsson
Lund University, Sweden

O3.3.4  Images of Ageing in 50+ Magazine
Kirsi Lumme-Sandt, Sanna Kivimäki
University of Tampere, Finland

O3.3.5  Biographical perspective of old persons’ everyday life
with media in nursing homes
Christine E. Swane
EGV Foundation (Social Inclusion of Older Adults), Denmark

O3.3.6  Learning to be Old
- Doing Age in Educational Programmes for Older Adults
Viktoria Parisot, Vera Gallistl, Julia Wenzel
University of Vienna, Austria
12:00-13:00  **Lunch**
Foyer

12:00-13:00  **Meet the poster presenters**
Forum and Hall D

12:00-13:00  **Lunch Symposium:**
Møller

**Meet the Editors**
Chair: Marja Aartsen

*Gerontology* Outi Jolanki

*European Geriatric Medicine* Timo Strandberg

*Ageing & Society* Christina Victor

*European Journal of Ageing* Marja Aartsen

13:00-14:30  **Excursions**
Great-granny’s garden
Alma’s House
Social inequalities in extending working lives: the role of health. The EXTEND project
Chair: Dorly Deeg
Discussant: Sari Stenholm

S4.1.1 Explaining the social gradient in involuntary and voluntary retirement timing in Denmark
Jeevitha Yogachandiran Qvist
Aalborg University, Denmark

S4.1.2 Drivers of involuntary and voluntary retirement for men and women in England
Daniel Holman
University of Sheffield, UK

S4.1.3 Work stress among older employees in Germany: Social inequalities in health and retirement age
Jana Mäcken
University of Cologne, Germany

S4.1.4 How do work characteristics affect post-work exit health in low and high SES groups?
Sascha de Breij¹, Dan Holman², Jeevitha Yogachandiran Qvist³, Dorly Deeg¹
¹ VU University Medical Center, Amsterdam, The Netherlands, ² University of Sheffield, UK,
³ Aalborg University, Denmark

S4.1.5 Efficacy of a participatory training intervention on well-being and career indicators among senior employees
Mervi Ruokolainen, Jukka Vuori
Finnish Institute of Occupational Health, Finland
Universalism at stake – Social inequalities in long-term care in the Nordic countries
Chair: Tine Rostgaard

S4.2.1 Are there occupational class differences in institutional long-term care use or in care provider among very old people in Finland?
Linda Enroth, Mari Aaltonen, Jani Raitanen, Lily Nosraty, Marja Jylhä
University of Tampere, Finland

S4.2.2 Are formal care workers a forgotten group in a Nordic ‘passion for equality’?
Marta Szebehely¹, Teppo Kröger², Tine Rostgaard³, Anneli Stranz¹, Mia Vabø⁴
¹ Stockholm University, Sweden, ² University of Jyväskylä, Finland, ³ The Danish Centre of Applied Social Science, Denmark, ⁴ NOVA, OsloMet – Oslo Metropolitan University, Norway

S4.2.3 Association between education and status of receiving care among community dwelling older adults in Iceland
Milan Chang Guðjónsson¹,², Ólöf Guðný Geirsdóttir¹, Alfons Ramel¹,², Ingemar Kåreholt³, Sigurveig H. Sigurðardóttir¹
¹ University of Iceland, ² The Icelandic Gerontological Research Institute, University of Iceland, ³ Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S4.2.4 Informal caregiver consequences in the light of changing Nordic long-term care policies
Agnete Aslaug Kjær¹, Tine Rostgaard¹, Marta Szebehely²
¹ The Danish Centre of Applied Social Science, Denmark, ² Stockholm University, Sweden

S4.2.5 The meaning of gender and country of birth for the extent and consequences of informal caregiving in Sweden
Petra Ulmanen
Stockholm University, Sweden
Grandparenthood in Europe and beyond

Chair: Martina Brandt
Discussant: Gunhild O. Hagestad

S4.3.1  Trends in the prevalence of grandparent households in selected European countries and the United States
Karen Glaser¹, Rachel Stuchbury², Debora Price³, Giorgio di Gessa⁴, Eloi Ribe¹, Anthea Tinker¹
¹ King’s College London, UK, ² University College London, UK, ³ University of Manchester, UK, ⁴ The London School of Economics and Political Science, UK

S4.3.2  Caring for parents and grandchildren in Europe
Martina Brandt¹, Katharina Herlofson²
¹ TU Dortmund, Germany, ² NOVA, OsloMet – Oslo Metropolitan University, Norway

S4.3.3  Marital disruption and grandparenthood among older Finns
Mirkka Danielsbacka, Antti O. Tanskanen
University of Turku, Finland

S4.3.4  Grandparental childcare, social participation and cognitive functioning of older Europeans
Bruno Arpino¹, Valeria Bordone²
¹ Pompeu Fabra University, Spain, ² University of Munich, Germany
DNA methylation as a biomarker of aging in longitudinal, population based cohorts

Chair: Sara Hägg

S4.4.1  Investigations of the epigenetic drift, clock and mutations in a longitudinal study of aging
Sara Hägg
Karolinska Institutet, Stockholm, Sweden

S4.4.2  Do different biological clocks tell the same time? Comparing telomere length, brain-age, and epigenetic age in the Lothian Birth Cohort 1936
Riccardo Marioni
University of Edinburgh, UK

S4.4.3  Leisure-time physical activity shows no effect on dna methylation age in discordant twin study
Elina Sillanpää
University of Jyväskylä, Finland

S4.4.4  Epigenetic signature of frailty - discovering the longitudinal changes in DNA methylation that underlie the development of frailty
Juulia Jylhävä
Karolinska Institutet, Stockholm, Sweden

S4.4.5  Allostatic load and aging
Tom Booth
University of Edinburgh, UK
Diagnosis of causes of cognitive impairment and dementia, lessons learned from the Nordic Network in Dementia Diagnostics

Chair: Knut Engedal

S4.5.1 Cognitive Impairment and dementia, definitions and major causes
Jon Snaedal
Landspitali University Hospital, Reykjavik, Iceland

S4.5.2 The use of MRI and CT in the evaluation of cognitive disorders
Lars-Olof Wahlund
Karolinska Institutet, Stockholm, Sweden

S4.5.3 The use of FDG-PET and amyloid PET in diagnosis of Alzheimer’s disease
Birgitte Bo Andersen
Rigshospitalet, Copenhagen, Denmark

S4.5.4 CSF analysis as biomarkers for Alzheimer’s disease
Anne-Brita Knapskog
Oslo University Hospital, Norway

S4.5.5 Neuropsychiatric symptoms in cognitive impairment and dementia
Maria Lage Barca
Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway
Tackling the alcohol consumption from different perspectives

Chair: Nadia Minicuci

S4.6.1 Changes in alcohol patterns: Towards gender equality in alcohol consumption
Gøril Kvanme Løset, Marja Aartsen, Britt Slagsvold
NOVA, OsloMet – Oslo Metropolitan University

S4.6.2 Does retiring from a stressful occupation lead to a reduction in the frequency of alcohol consumption?
Martin Hyde
Swansea University, UK

S4.6.3 Are reasons for retirement associated with risky drinking habits following retirement?
Neda Agahi
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

S4.6.4 Alcohol pattern: perspectives from low and middle income countries
Nadia Minicuci¹, Ilaria Rocco¹, Nirmala Naidoo², Paul Kowal²,³, Somnath Chatterji²
¹National Research Council, Neuroscience Institute, Padova, Italy,
²World Health Organization, Geneva, Switzerland, ³The University of Newcastle, Australia

S4.6.5 Functioning in ageing populations and consequences for alcohol consumption
Thomas Clausen¹, Paul Kowal², Priscilla Martinez³
¹University of Oslo, Norway, ²The University of Newcastle, Australia,
³University of California, Berkeley, USA
Loneliness
Chair: Thomas Hansen

O4.1.1 What buffers older Romanians in Switzerland from loneliness? Past and present experiences
Ruxandra Oana Ciobanu1, Tineke Fokkema2
1 University of Geneva, Switzerland, 2 Netherlands Interdisciplinary Demography Institute and Erasmus University Rotterdam, The Netherlands

O4.1.2 Manifestations of loneliness in older men living alone
Kristian Park Frausing1, Michael Smærup1, Kirsten Maibom1, Karen Pallesgaard Munk2
1 VIA University College, Denmark, 2 Aarhus University, Denmark

O4.1.3 Risk factors for combinations of loneliness and social isolation in later life
Deborah Morgan, Vanessa Burholt
Swansea University, UK

O4.1.4 Loneliness experienced by low-income elderly women
Anne Rahikka, Saini Suutari
Miina Sillanpää Foundation, Finland

O4.1.5 Can internet use reduce loneliness among older people? A cross-sectional and a longitudinal analysis
Anina Vercruyssen1, Werner Schirmer2
1 University of Antwerp, Belgium, 2 Free University of Brussels, Belgium

O4.1.6 Who is designated responsibility for reducing loneliness among older people?
Axel Ågren, Elisabet Cedersund
Linköping University, Sweden
Psychological health in the retirement transition: longitudinal findings in the HEARTS study

Chair: Magnus Lindwall

S4.7.1 Longitudinal associations between individual resources and life satisfaction in the retirement transition
Isabelle Hansson, Sandra Buratti, Valgeir Thorvaldsson, Boo Johansson, Anne Ingeborg Berg
University of Gothenburg, Sweden

S4.7.2 Basic psychological need satisfaction and well-being before and after retirement
Georg Henning¹, Pär Bjälkebring¹,², Andreas Stenling¹;³,⁴, Valgeir Thorvaldsson¹, Boo Johansson¹, Magnus Lindwall¹
¹ University of Gothenburg, Sweden, ² Ohio State University, USA, ³ Umeå University, Sweden, ⁴ University of Otago, Dunedin, New Zealand

S4.7.3 Depression trajectories during the retirement transition
Marie Kivi, Anne Ingeborg Berg, Linda Hassing, Magnus Lindwall
University of Gothenburg, Sweden

S4.7.4 Levels and change in sexual- and relationship satisfaction during the retirement transition
Marcus Praetorius Björk, Anne Ingeborg Berg
University of Gothenburg, Sweden

S4.7.5 Cognition and cognitively demanding activities before and after retirement
Linn Elena Zulka, Boo Johansson, Linda B. Hassing
University of Gothenburg, Sweden
Informal Care
Chair: Heidi Gautun

O4.2.1 The informal caregivers of persons with dementia experiences and needs in the caring process
Merle Varik,
Tallinn University/Tartu Health Care College, Estonia

O4.2.2 Informal caregiving and its impact on health over time
Fiona Alpass, Agnes Szabo, Allen Joanne, Christine Stephens
Massey University, New Zealand

O4.2.3 Who experienced more caregiving burden: spousal caregivers or offspring caregivers?
Alice Ming-Lin Chong,
City University of Hong Kong

O4.2.4 The moderating role of social networks for caregivers´ well-being
Melanie Wagner,
Max Planck Institute for Social Law and Social Policy, Germany

O4.2.5 Capabilities of older informal care recipients across time
Sarah Åkerman¹, Fredrica Nyqvist¹, Minna Zechner², Mikael Nygård³
¹ Åbo Akademi University, Finland, ² Seinäjoki University of Applied Sciences, Finland

O4.2.6 Still waiting for recognition and support: challenges faced by older people caring for a partner.
Liz Lloyd, Patricia Jessiman
University of Bristol, UK
**Living environment, housing and well-being in later life**

Chair: Outi Jolanki

**S4.8.1** How to shape ‘living in solidarity’ among older vulnerable people in Brussels?
An-Sofie Smetcoren
Vrije Universiteit Brussel, Belgium

**S4.8.2** Building community of place - perspective of ageing residents
Marjaana Seppänen
University of Helsinki, Finland

**S4.8.3** Collaborative senior housing as means to improve well-being in later life
Outi Jolanki
University of Jyväskylä, Finland

**S4.8.4** Housing patterns and preferences among Danish older adults 1997-2017
Anu Siren
The Danish Centre of Applied Social Science, Denmark

**S4.8.5** Ageing in place - Consequences for the housing situation of older people
Marianne Abramsson
Linköping University, Sweden
End-of-life care in people with dementia

Chair: Bettina Husebø

S4.9.1  **Palliative care in dementia based on the European Association for Palliative Care (EAPC) white paper**
Jenny T van der Steen¹, Maartje S Klapwijk¹, Nathan Davies²
¹ Leiden University Medical Center, The Netherlands, ² University College London, UK

S4.9.2  **Discarded in cancer patients but good enough for dying nursing home patients?**
Bettina S. Husebø¹, Elisabeth Flo¹, Knut Engedal²
¹ University of Bergen, Norway, ² Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway

S4.9.3  **An ethnographic study of professional caregivers’ experiences with the Liverpool Care Pathway in nursing homes for people with dementia in The Netherlands**
Natashe Lemos Dekker, Marjolein Gysels, Jenny T. van der Steen
Leiden University Medical Center, The Netherlands

S4.9.4  **The SEED programme**
Louise Robinson, Claire Bamford, Marie Poole, Catherine Exley
Newcastle University, UK

S4.9.5  **Implementing a heuristic-based end-of-life care intervention into practice**
Elizabeth Sampson, Nathan Davies, Rammya Matthew, Kethakie Lamahewa, Steve Iliffe, Jill Manthorpe
University College, London
Making citizenship matter
Chair: Ruth Bartlett

S5.1.1 Material Citizenship: Introducing citizenship practice in care homes through a material lens
Kellyn Lee
University of Southampton, UK

S5.1.2 “Dementia-friendly communities” in Germany: barriers and potentials for the performance of social citizenship
Mike Laufenberg
Technische Universität Berlin, Germany

S5.1.3 Activity provision on farms for people living with dementia
Tobba Therkildsen Sudmann
Western Norway University of Applied Sciences, Norway

S5.1.4 Citizenship awareness: The making of people living with dementia as citizen targets
Ann-Charlotte Nedlund, Annika Taghizadeh Larsson
Linköping University, Sweden
Dignity of older people
Chair: Oscar Tranvåg

S5.2.1 A life in dignity in nursing homes
Dagfinn Nåden1, Maj-Britt Råholm2, Vibeke Lohne1, Berit Sæteren1, Åshild Slettebø3, Bente Høy4, Arne Rehnsfeldt2, Synnøve Caspari1, Anne Kari Tolo Heggestad5, Trygve Aasgaard1, Britt Lillestø6, Lillemor Lindwall7
1 OsloMet – Oslo Metropolitan University, Norway, 2 Western Norway University of Applied Sciences, Norway, 3 University of Agder, Norway, 4 VIA University College, Denmark, 5 University of Oslo, Norway, 6 Nord University, Norway, 7 Karlstad University, Sweden

S5.2.2 Understanding dignity in the lives of people with advanced dementia from the perspective of Martha Nussbaum’s approach to human capabilities
Catharina Melander, Stefan Sävenstedt, Britt-Marie Wålivaara, Malin Olsson
Luleå University of Technology, Sweden

S5.2.3 The Namaste Care psychosocial intervention to improve living with advanced dementia: dignity-enhancing components
Jenny T van der Steen
Leiden University Medical Center, The Netherlands

S5.2.4 Dignity of older women caring at home for a husband with dementia
Oscar Tranvåg1, Dagfinn Nåden2, Ann Gallagher3
1 University of Bergen, Norway, 2 OsloMet – Oslo Metropolitan University, 3 University of Surrey, UK
Health technology in early prevention of age-related functional decline: the PreventIT project
Chair: Kristin Taraldsen
Discussant: Beatrix Vereijken

S5.3.1  mHealth and active ageing
Clemens Becker
Robert Bosch Hospital, Stuttgart, Germany

S5.3.2  Using mHealth technology in assessing functional status in young older adults
Jeanine van Ancum
VU University, Amsterdam, The Netherlands

S5.3.3  Using mHealth technology to support intervention delivery
Stefanie Mikolaizak
Robert Bosch Hospital, Stuttgart, Germany

S5.3.4  How to modify health-related behaviour by use of mHealth technology
Elisabeth Boulton
University of Manchester, UK
Trends, prevention, and costs of dementia: Results from the Swedish National study on Aging and Care
Chair: Laura Fratiglioni and Giulia Grande

S5.4.1 Temporal and geographic variation of dementia in Sweden
Laura Fratiglioni
Aging Research Centre, Karolinska Institutet, Stockholm and Stockholm University, Sweden

S5.4.2 A life course approach to cognitive reserve in dementia. Findings from the Swedish National Study on Aging and Care - Kungsholmen
Serhiy Dekhtyar
Aging Research Centre, Karolinska Institutet, Stockholm and Stockholm University, Sweden

S5.4.3 Decreased cognitive functions at the age of 66 is associated with early retirement: results from the Swedish National study on Aging and Care - Blekinge
Johan Berglund
Blekinge Institute of Technology, Karlskrona, Sweden

S5.4.4 The societal cost of dementia in Sweden: formal and informal care
Anders Wimo
Karolinska Institutet, Stockholm, Sweden, Uppsala University/County Council of Gävleborg, Gävle, Sweden
User participation, collaboration, methodology and research impact in research on ageing and health

Chair: Susanne Iwarsson

S5.5.1  Understanding user participation in research on ageing and health
Elizabeth Hanson
Linnaeus University, Kalmar, Sweden

S5.5.2  National and cross-national experiences of the research circle methodology
Charlotte Löfqvist, Maria Haak
Lund University, Sweden

S5.5.3  How do researchers describe collaboration and dissemination in research? An analysis of 381 proposals to the Swedish Research Council for Health, Working Life and Welfare
Oskar Jonsson
Lund University, Sweden

S5.5.4  A research impact case study of the Housing Enabler instrument
Susanne Iwarsson
Lund University, Sweden
Attitudes to sex and the role of new intimate relations in later-life: results from England & Sweden
Chair: David Lee

S5.6.1 Older people’s personal attitudes to sex: interrelationships with sexual health and satisfaction
David Lee
Manchester Metropolitan University, UK

S5.6.2 How do attitudes and beliefs impact on the sexual relationships and activities of older couples in England?: A qualitative analysis
Josie Tetley
Manchester Metropolitan University, UK

S5.6.3 Sex in an ideology of love - sexual experiences among older Swedes in new intimate relationships
Torbjörn Bildtgård
Stockholm University, Sweden

S5.6.4 Sexual attitudes and experiences among older Swedes
Peter Öberg
University of Gävle, Sweden
Work and retirement

Chair: Per Erik Solem

O5.1.1 Does the task specific retirement behaviour in Germany support the polarization hypothesis?
Laura Romeu Gordo1, Antje Mertens2, Laura Romeu Gordo1
1 German Centre of Gerontology, Germany, 2 HWR, Berlin School of Economics and Law, Germany

O5.1.2 Changes in social networks across retirement transition: the Finnish retirement and aging study
Maarit Kauppi1, Marianna Virtanen1, Jaana Pentti2, Ville Aalto1, Mika Kivimäki1,2, Jussi Vahtera3, Sari Stenholm3
1 Finnish Institute of Occupational Health, Finland, 2 Clinicum, Faculty of Medicine, University of Helsinki, Finland, 3 University of Turku and Turku University Hospital, Finland

O5.1.3 Retirement age and cognitive functioning in old age: the role of stimulating occupational activities
Isabel Baumann1, Harpa Sif Eyjólfsdóttir2,3, Johan Fritzell2,3, Carin Lennartsson2,3, Alexander Darin-Mattsson2,3, Charlotta Nilsen2,3, Ross Andel4, Ingemar Kåreholt5, Julia Dratva1, Neda Agahi2,3
1 Zürich University of Applied Sciences, Switzerland, 2 Karolinska Institutet, Sweden, 3 Stockholm University, Sweden, 4 University of South Florida, Tampa/International Clinical Research Center, USA, 5 Jönköping University, Sweden

O5.1.4 Influences on the average duration of bridge employment
Volker Cihlar1, Ursula Staudinger2
1 Federal Institute for Population Research, Germany, 2 Columbia University, Columbia Aging Center, New York, USA

O5.1.5 Danish working life-courses, seniors and lessons for now and the future, for extending working lives
Karen Hanley,
University of Brighton Business School, UK

O5.1.6 Securing old-age income in times of rising employment uncertainty: Comparing 7 European countries
Dirk Hofäcker, Sina Schadow, Janika Kletzing
University of Duisburg-Essen, Germany
Loneliness in old age: cross-national comparative perspectives
Chair: Frederica Nyqvist

S5.7.1 Loneliness amongst older people in Europe: a comparative study of welfare regimes
Fredrica Nyqvist¹, Mikael Nygård¹, Thomas Scharf²
¹ Åbo Akademi University, Vaasa, Finland, ² Newcastle University, UK

S5.7.2 Late-Life Loneliness in 11 European Countries: Results from the Generations and Gender Survey
Thomas Hansen, Britt Slagsvold
NOVA, OsloMet – Oslo Metropolitan University, Norway

S5.7.3 Loneliness trajectories: comparison of European countries
Christina Victor, Jitka Pikhartova
Brunel University London, UK

S5.7.4 Is living alone “ageing alone”? A critical examination of living arrangements and availability of kin for old-age support
Tineke Fokkema¹,², Maja Djundeva², Pearl A. Dykstra²
¹ Netherlands Interdisciplinary Demographic Institute (NIDI), The Netherlands,
² Erasmus University Rotterdam, The Netherlands
Housing and living environment

Chair: Hans Christian Sandlie

O5.2.1 Dementia friendly housing - Actors and affordances
Erja Rappe, Jere Rajaniemi, Päivi Topo
Age Institute, Finland

O5.2.2 ‘Wet’ facilities for older persons
- First findings from care facilities in Sweden and Denmark
Håkan Jönson, Tove Harnett, Håkan Jönson
School of Social Work, Lund University, Sweden

O5.2.3 Health status and characteristics of residents living in sheltered housing
Laura Balash1, Sjögren Karin1, Sköldunger Anders1, Hugo Lövheim1, David Edvardsson1,2
1 Umeå University, Sweden, 2 La Trobe University, Australia

O5.2.4 Empirical findings on perceived aspects of home and health among people aged 67-70 years
Maya Kylén, Henrik Ekström, Maria Haak, Steven Schmidt, Charlotte Löfqvist, Susanne Iwarsson
Lund University, Sweden
Volunteers and informal caregivers in Norway: Saviours of the long-term care systems?
Chair: Marianne Sundlisæter Skinner

S5.8.1 The scope of voluntary and informal care contributions in Norwegian long-term care
Marianne Sundlisæter Skinner
Centre for Care Research, NTNU, Gjøvik, Norway

S5.8.2 Four types of long-term care volunteers: What makes a ‘superhelper’?
Nina Beate Andfossen
Centre for Care Research, NTNU, Gjøvik, Norway

S5.8.3 Voluntary work in long-term care: What challenges are seen and how are these resolved?
Laila Tingvold
Centre for Care Research, NTNU, Gjøvik, Norway

S5.8.4 The logic of exchange in informal and formal caring-relations
Oddrunn Sortland
Western Norway University of Applied Sciences, Norway
16:00-16:30  **Coffee break**

16:30-17:00  **Keynote lecture**  
Congress Hall  

*Trends in mortality, morbidity and disability in the light of ageing populations. Can e-Health relieve the challenges?*  
Karen Andersen-Ranberg  
University of Southern Denmark and Odense University Hospital Odense

17:00-17:30  **Keynote lecture**  
Congress Hall  

*The positive plasticity of human aging: Implications for individuals and societies*  
Ursula Staudinger  
Columbia University

19:00  **Congress Dinner**  
Kanonhallen  
(buses depart at 18:45 from the Congress Centre)
FRIDAY 4 MAY

08:00-18:00  Registration open
Foyer, Oslo Congress Centre

08:00-08:30  Tai chi

09:00-17:00  Poster exhibition
Forum and Hall D

09:00-09:30  Keynote lecture
Congress Hall

Ageing in the age of migration:
what an ethnicity-informed and migration-aware lens
can offer to gerontological research, policy and practice
Sandra Torres
Uppsala University

09:30-10:00  Keynote lecture
Congress Hall

Prognosis after delirium in older people
receiving home nursing care
Maria Krogseth
Oslo University Hospital and University College of Southeast Norway

10:00-10:30  Coffee break

10:30-12:00  Excursions
Alma’s House
Meeting Memories
Health, health behaviors and psychological factors before and after retirement
Chair: Sari Stenholm and Mikaela von Bonsdorff
Discussant: Dorly Deeg

S6.1.1 Work-loss years among people diagnosed with diabetes - a reappraisal from a life course perspective
Mikaela B. von Bonsdorff¹,², Monika E. von Bonsdorff¹,², Maija Haanpää³, Minna Salonen²,⁴, Tuija M. Mikkola², Hannu Kautiainen²,⁴, Johan G. Eriksson²,⁴
¹ University of Jyväskylä, Finland, ² Folkhälsan Research Center, Finland, ³ Helsinki University Central Hospital, ⁴ University of Helsinki, Finland

S6.1.2 The role of work motivation for retirement behavior and adjustment
Georg Henning¹, Andreas Stenling¹,², Susanne Tavfelin², Boo Johansson¹, Magnus Lindwall¹
¹ Gothenburg University, Sweden, ² Umeå universitet, Sweden

S6.1.3 Reduction in sleep disturbance at retirement: Evidence from the Swedish Longitudinal Occupational Survey of Health
Vera van de Straat², Loretta G. Platts¹, Jussi Vahtera³, Hugo Westerlund¹, Piet Bracke²
¹ Stockholm University, Sweden, ² Ghent University, ³ University of Turku, Finland

S6.1.4 Changes in self-reported and objectively measured sedentary behavior across retirement transition: the Finnish retirement and aging study (FIREA)
Tuija Leskinen¹, Anna Pulakka¹, Kristin Suorsa¹, Olli J. Heinonen¹, Jaana Pentti²,³, Mika Kivimäki²,³, Jussi Vahtera¹, Sari Stenholm¹
¹ University of Turku, Finland, ² University of Helsinki, Finland, ³ University College London, UK
Experiences from how interdisciplinary network initiatives enhance care home research

Chair: Kjell Halvorsen

S6.2.1 The University Network for the Care Sector in The Netherlands (UNC-ZH)
Wilco Achterberg
Leiden University

S6.2.2 Enabling research in care homes: Strategies to build a national infrastructure and collaboration for research with and in care homes
Claire Goodman¹, Adam Gordon²
¹ University of Hertfordshire, UK, ² University of Nottingham, UK

S6.2.3 Research and clinical improvement in parallel: Lessons from the PEACH study
Adam Gordon
University of Nottingham, UK

S6.2.4 Norwegian University Network for Elderly and Nursing Home Care between Bergen, Oslo; Trondheim, and Tromsø (ELDERLY-BOTT)
Bettina Husebø¹, Marit Kirkevold², Tove Rosstad³, Kjell H. Halvorsen⁴
¹ University of Bergen, Norway, ² University of Oslo, Norway, ³ NTNU, Norway, ⁴ The Arctic University of Norway
FRIDAY 10:30-12:00  S6.3  HALL C

Aspects of loneliness in old age
Chair: Bo Malmberg

S6.3.1  Loneliness in different age groups 1983 to 2013
Bo Malmberg
Jönköping University, Sweden

S6.3.1  Relations of loneliness, chronic disease risk, self-rated health, perceived impairment in activity and use of care among older people cross-sectional and longitudinal
Marie Ernsth Bravell¹, Andrea D. Foebel², Nancy L. Pedersen²
¹ Jönköping University, Sweden, ² Karolinska Institutet, Sweden

S6.3.3  Constructions of loneliness among older people in Swedish and Danish news-press
Axel Ågren
Linköping University, Sweden

S6.3.4  Being in a bubble: the experience of loneliness among frail older people
Elin Taube
Lund University, Sweden

S6.3.5  Problem of loneliness among older adults: Differences in expert assessment
Galina Barysheva, Olga P. Nedospasova
Tomsk Polytechnic University, Russia
Maximizing the quality of life in persons with dementia and their caregivers living at home

Chairs: Frøydis Bruvik and Joan Munin

S6.4.1  Living at home with dementia
Stein Erik Fæø, Bettina Husebø, Frøydis Bruvik, Oscar Tranvåg
University of Bergen, Norway

S6.4.2  Use of coercive health care in patients with dementia
Aashild Gjellestad¹, Oksholm, Frøydis Bruvik²
¹ VID Specialized University, Norway, ² University of Bergen, Norway

S6.4.3  The effect of psychosocial support of home-dwelling persons with dementia and their carers
Frøydis Bruvik¹, Aud Johannessen, Knut Engedal²
¹ University of Bergen, Norway, ² Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway

S6.4.4  Perceptions of suffering and compassion in dementia caregiving
Joan Monin
Yale School of Public Health, USA

S6.4.5  Do medically-supportive informal caregivers modify utilization and costs for persons with dementia with multiple chronic conditions?
Janet MacNeil Vroomen, Ming Tai-Seale, Joan Monin, Heather Allore, Linda Leo-Summers
Yale School of Medicine, USA
Less is more? Discontinuing drug therapy to improve health outcomes among frail older adults

Chair: Kristina Johnell

S6.5.1 Reducing the harms of polypharmacy: are we targeting the right problem, at the right time, for the right people
Jonas W Wastesson
Karolinska Institutet, Stockholm, Sweden

S6.5.2 Attitudes of General Practitioners (GPs) and older patients regarding drug discontinuation: a qualitative study in Denmark
Michael Nixon
University of Copenhagen, Denmark

S6.5.3 Continuation of drugs of limited benefit near the end of life: a nationwide longitudinal study in Sweden
Lucas Morin
Karolinska Institutet, Stockholm, Sweden

S6.5.4 Missed opportunities? Inappropriate prescribing of preventive medication in patients with advanced lung cancer
Adam Todd
University of Newcastle, UK

S6.5.5 Strategies to reverse the trend of increasing polypharmacy in Australian residential aged care services
Simon Bell
Monash University, Australia
**Enacting integrated care. Experiences, approaches and novel practices**

Chairs: Rose Mari Olsen and Aud Obstfelder
Discussants: Gudmund Ågotnes and Ragnhild Hellesø

### S6.6.1 Development of care coordination models and workforce roles
Susan A. Chapman  
School of Nursing, University of California, USA

### S6.6.2 Nurses’ information exchange during older patient transfer between hospital and home health care
Rose Mari Olsen  
Nord University, Norway

### S6.6.3 Inter-municipal cooperation in out-of-hours services in Norway: The role and interplay of structures and processes
Bjørnulf Arntsen  
Centre for Care Research, University of Agder, Norway

### S6.6.4 Formalising emergent organisation in health and social care: The translation and application of insights from ethnographic research on the work of hospital nurses
Davina Allen  
Cardiff University, UK

### S6.6.5 Equity and quality in public dementia care services by integrating the perspectives of families and service providers
Jill-Marit Moholt, Bodil H. Blix  
Centre for Care Research, The Arctic University of Norway
Longevity
Chair: Guro Hanevold Bjørkløf

06.1.1 How do hundred-year-old people die? Results from a population-level study of centenarians in Sweden
Lucas Morin, Jonas Wastesson, Stefan Fors, Kristina Johnell
Aging Research Centre, Karolinska Institutet, Stockholm, Sweden

06.1.2 Models for self-rated health among demented and non-demented nonagenarians
Inna Lisko, Timo Törmäkangas, Marja Jylhä
1 University of Jyväskylä, Finland, 2 University of Tampere, Finland

06.1.3 Is there a trade-off between mortality selection and disabilities in exceptionally old age?
Stefan Fors, Bernard Jeune, François Herrmann, Yasuhiko Saito, Jean-Marie Robine
1 Aging Research Centre, Karolinska Institutet, Stockholm, Sweden, 2 University of Southern Denmark,
3 University of Geneva, Switzerland, 4 Nihon University, Japan, 5 INSERM, France

06.1.4 Centenarian hotspots in Denmark
Laust H Mortensen, Anne Vinkel Hansen, Rudi GJ Westendorp
1 Statistics Denmark, Denmark, 2 University of Copenhagen, Denmark

06.1.5 Is the decrease in life expectancy in 2015 explained by an excess mortality of the oldest old?
Jean Marie Robine, Sarah Cubaynes, François Herrmann
1 INSERM, France, 2 CEFE, Montpellier, France, 3 Geneva University Hospitals, Switzerland

06.1.6 Quality of life of the very old: A new conceptual framework and representative survey data
Roman Kaspar, Luise Geithner
University of Cologne, Germany
Ageing in the Danish realm – perspectives on aging in Denmark, Greenland and Faroe Islands

Chair: Kamilla Nørtoft

S6.7.1 Being old in Greenland - life priorities and meaning making
Anu Siren
Danish Centre of Applied Social Science, Denmark

S6.7.2 Being old with a Nordic minority background in Greenland
Kamilla Nørtoft
University of Copenhagen, Denmark

S6.7.3 Migrating in old age
- the case of long-term residents of Greenland migrating to Denmark
Marie Louise Dylov
University of Copenhagen, Denmark

S6.7.4 Changing intergenerational relationships in The Faroe Islands
Ása Róin
University of Faroe Islands, Denmark
Long-term care
Chair: Jørgen Wagle

O6.2.1 Few planned home deaths in Norway. A population-based cross-sectional study
Camilla Kjellstadli1, Bettina Husebø1,2, Hogne Sandvik3, Elisabeth Flo1, Steinar Hunskaar1
1 University of Bergen, Norway, 2 Bergen Municipality, Norway, 3 Uni Research Health, Norway

O6.2.2 Patient records in long-term care: An invaluable source of information?
Maren Sogstad1, Marianne Sundlisæter Skinner1, Ragnhild Hellesø2
1 Centre for Care Research, NTNU, Gjøvik, Norway, 2 University of Oslo, Norway

O6.2.3 Mobility and associations with dementia diagnosis in nursing home residents
Karen Sverdrup1, Sverre Bergh2, Geir Selbæk1, Pernille Thingstad3, Gro Gujord Tangen1,
1 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway,
2 Centre for Old Age Psychiatric Research, Norway, 3 NTNU, Norway

O6.2.4 Inequalities in home care in Denmark: mapping the landscape of care
Myra Lewinter
University of Copenhagen, Denmark

O6.2.5 Bridging between social and medical perspectives: Old people’s experience of a new healthcare model
Elisabet Cedersund, Annette Sverker, Anna Olaison
Linköping University, Sweden

O6.2.6 Health care quality indicators for Norwegian municipalities
Julie Kjelvik, Hanne Narbuvold
Norwegian Directorate of Health, Oslo, Norway

Continues next page ➔
Enhancing dignity in older persons in Sweden - adaptation of the Dignity Care Intervention
Annika Söderman¹, Ulrika Östlund², Carina Werkander Harstäde³, Karin Blomberg¹
¹ Örebro University, Sweden, ² Linnaeus University/Uppsala University/Region Gävleborg, Sweden, ³ Linnaeus University, Sweden
Socio-gerontechnology – digital life worlds of older people
Chair: Anna Wanka

S6.8.1  Re-thinking ageing in a digital world - Theoretical perspectives from gerontology, sociology, and science-and-technology studies
Vera Gallistl¹, Anna Wanka²
¹ University of Vienna, Austria, ² Goethe University, Frankfurt, Germany

S6.8.2  Visual representations of digital connectivity in everyday life-thinking
Wendy Martin¹, Katy Pilcher²
¹ Brunel University London, UK, ² Aston University, UK

S6.8.3  Selective participation of older people in e-Health research: a critical approach from an inequality perspective
Arianna Poli
Linköping University, Sweden

S6.8.4  Engagement by infrastructuring
Michaela Cozza
Mälardalen University, Sweden

S6.8.5  The mutual emergence of technological innovations, older users and active ageing: An inquiry into ontology
Aske Juul Lassen, Marie Ertner
University of Copenhagen, Denmark

12:00-13:00  Lunch
The Foyer

12:00-13:00  Meet the poster presenters
Forum and Hall D
Older workers in an extended working life

Chair: Tale Hellevik

S7.1.1 Raising average retirement age
- the likelihood of unintended consequences
Tale Hellevik
NOVA, OsloMet – Oslo Metropolitan University, Norway

S7.1.2 Outdated older workers or biopolitics?
On Swedish pension policy under neoliberal societal change
Clary Krekula
Karlstad University, Sweden

S7.1.3 Extended working life: Gender differences among precarious and secure workers: a life-course approach
Aine Ni Leime
National University of Ireland, Galway, Ireland

S7.1.4 Occupational variation in the ageing of the older workforce in England
Martin Hyde
Swansea University, UK

S7.1.5 Possible side effects of raised mandatory retirement age in Norway
Per Erik Solem
NOVA, OsloMet – Oslo Metropolitan University, Norway
Assessment and treatment of pain in people with dementia
Chair: Ane Erdal

S7.2.1 The development of the Pain Assessment in Impaired Cognition (PAIC) meta-tool
Wilco Achterberg
Leiden University, The Netherlands

S7.2.2 Response of agitated behaviour and psychosis to pain management in people with dementia. Randomized Controlled Trial.
Bettina S. Husebø1, Dag Aarsland2, Clive Ballard3, Elisabeth Flo1, Torstein Habiger1, Wilco Achterberg4
1University of Bergen, Norway, 2 Stavanger University Hospital, Norway, 3 King’s College London, London, UK, 4 Leiden University, The Netherlands

S7.2.3 Impaired chronic pain-like behaviour and disruption of opioidergic system in TASTPM model of Alzheimer’s disease
Yahyah Aman, Thomas Pitcher, Clive Ballard, Marzia Malcangio
King’s College London, UK

S7.2.4 Safety and tolerability of transdermal buprenorphine in people with advanced dementia
Ane Erdal1, Elisabeth Flo1, Dag Aarsland2, Geir Selbæk3, Clive Ballard4, Dagrun Slettebø1, Bettina S. Husebø1
1University of Bergen, Norway, 2 Stavanger University Hospital, Norway, 3 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway, 4 King’s College London, UK
Old age social exclusion – insights into the ROSEnet initiative

Chair: Päivi Topo

S7.3.1 Active aging policies and the active aging index: what the social exclusion lens can offer
Sandra Torres
Uppsala University, Sweden

S7.3.2 Trends in social exclusion among older women and men in Sweden
Lena Dahlberg¹,², Kevin J. McKee³, Johan Fritzell¹, Carin Lennartsson¹
¹ Aging Research Center, Karolinska Institutet, Stockholm, Sweden,
² Stockholm University, Sweden, ³ Dalarna University, Sweden

S7.3.3 Pressing issues for policy and practice to reduce social exclusion
Marja Aartsen
NOVA, OsloMet - Oslo Metropolitan University, Norway

S7.3.4 Voluntary work and social exclusion: barriers and promoters
Päivi Topo, Erja Rappe, Jere Rajaniemi
Age Institute, Finland

S7.3.5 Social relations and exclusion in front of death
Sofia Sarivaara, Marjaana Seppänen
University of Helsinki, Finland
Biomarkers and clinical factors in mild cognitive impairment and dementia – a multicenter study
Chair: Maria Barca

S7.4.1 Do vascular risk factors and vascular diseases influence disease progression in Alzheimer’s disease?
Rannveig S. Eldholm1, Karin Persson2, Maria Lage Barca2, Geir Selbæk2, Knut Engedal2, Ingvild Saltvedt1
1 Norwegian University of Science and Technology, Norway,
2 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway

S7.4.2 Depressive symptoms and their relationship to the progression of dementia and cortisol levels?
Maria Lage Barca1, Rannveig S. Eldholm2, Karin Persson1, Guro Hanevold Bjørklof1, Tom Borza5, Elisabeth Telenius4, Anne-Brita Knapskog3, Anne Brækhus3, Ingvild Saltvedt2, Geir Selbæk1, Knut Engedal1
1 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway,
2 Norwegian University of Science and Technology, Norway, 3 Oslo University Hospital, Norway,
4 OsloMet – Oslo Metropolitan University, Norway, 5 Sykehuset Innlandet, Norway

S7.4.3 MRI assessed atrophy subtypes in Alzheimer’s disease with mild degree of dementia
Karin Persson1, Maria Lage Barca1, Rannveig Sakshaug Eldholm2, Anne-Brita Knapskog3, Maria Vistnes4, Lena Cavallin, Daniel Ferreira, Geir Selbæk1, Anne Brækhus3, Ingvild Saltvedt2, Eric Westman, Knut Engedal1
1 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway,
2 Norwegian University of Science and Technology, Norway,
3 Oslo University Hospital, Norway, 4 University of Oslo, Norway

S7.4.4 Importance of low-grade inflammation in patients with cognitive impairment due to Alzheimer’s disease
Anne-Brita Knapskog1, Rannveig Eldholm2, Maria L. Barca3, Karin Persson3, Maria Vistnes4, Ingvild Saltvedt2, Geir Selbæk3 and Knut Engedal3
1 Oslo University Hospital, Ullevål, Norway, 2 Norwegian University of Science and Technology, Norway, 3 Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway, 4 University of Oslo, Norway

Continues next page →
Inappropriate medications associated to cognitive decline in home-dwelling people with mild cognitive impairment and dementia

Hege Kersten¹, Rannveig Sakshaug Eldholm², Maria Lage Barca¹, Karin Persson¹, Ingvild Saltvedt², Geir Selbæk¹, Knut Engedal¹

¹ Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway, ² Norwegian University of Science and Technology, Norway
Psychology of physical activity among middle-aged and older individuals
Chair: Sarianna Sipilä

S7.5.1 Physical activity interventions for treatment of social isolation, loneliness or low social support in older adults: A systematic review and meta-analysis of randomised controlled trials
Anastasia Shvedko, Anna C. Whittaker, Carolyn Greig, Janice L. Thompson
University of Birmingham, UK

S7.5.2 Association of personality characteristics with physical activity among middle-aged Women
Katja Kokko, Eija Laakkonen, Tuija Tammelin, Vuokko Kovanen, Sarianna Sipilä
University of Jyväskylä, Finland

S7.5.3 Menopausal status and mental well-being: Physical activity as a moderator?
Dmitriy Bondarev, Sarianna Sipilä, Taija Finni, Urho M. Kujala, Pauliina Aukee, Eija Laakkonen, Vuokko Kovanen, Katja Kokko
University of Jyväskylä, Finland

S7.5.4 Resistance training and psychological functioning in older adults
Tiia Kekäläinen, Katja Kokko, Sarianna Sipilä, Tuija Tammelin, Simon Walker
University of Jyväskylä, Finland

S7.5.5 A systematic review on prehabilitation in patients undergoing major abdominal surgery: Are we doing and reporting the right things?
M. Rizwan Tahir, Gwen Thomas, Bart C. Bongers, Victor L. Kallen, Nico L. U. van Meeteren
TNO, Zeist, The Netherlands
Ageing and care
– the advantages of register-based research

Chair: Leena Forma and Mari Aaltonen

S7.6.1  Health care use among older adults with and without multimorbidity before and after the primary care reform in Stockholm County Council
Jonas W Wastesson¹, Janne Agerholm², Bo Burström²
¹ Aging Research Center, Karolinska Institutet, Sweden,
² Department of Public Health Sciences, Karolinska Institutet, Sweden

S7.6.2  The joint impact of very old age and dementia on long-term care use in last five years of life - nationwide register based study from the years 1996-2013 in Finland
Mari Aaltonen¹, Leena Forma¹, Jutta Pulkki¹, Jani Raitanen¹², Pekka Rissanen¹³, Marja Jylhä¹
¹ University of Tampere, Finland, ² UKK Institute for Health Promotion, Tampere, Finland,
³ National Institute for Health and Welfare, Finland

S7.6.3  Health and care costs by age, gender and proximity to death
Jorid Kalseth, Kjartan Anthun
SINTEF Technology and Society, Trondheim, Norway

S7.6.4  Socioeconomic differences in revascularizations in Finland and Sweden
Jutta Pulkki, Janne Agerholm¹, Martti Arffman³, Bo Burström², Ilmo Keskimäki³
¹ University of Tampere, Finland, ² Department of Public Health Sciences, Karolinska Institutet, Sweden,
³ National Institute for Health and Welfare, Finland

S7.6.5  Income drops and permanent income over 29 years of adult life and inflammation in later life
Jolene Masters Pedersen¹², Erik Lykke Mortensen¹², Else Foverskov¹², Gitte Lindved Petersen¹², Rikke Lund¹²
¹ University of Copenhagen, Denmark, ² Center for Healthy Aging, University of Copenhagen, Denmark
Physical functioning

Chair: Elisabeth Wiken Telenius

**07.1.1** Developing an assessment method of active ageing: University of Jyväskylä Active Ageing Scale (UJACAS)
Taina Rantanen, Erja Portegiis, Katja Kokko, Merja Rantakokko, Timo Törmäkangas, Milla Saajanaho
Gerontology Research Center, University of Jyväskylä, Finland

**07.1.2** Do more recent born generations of older adults have stronger grip than previous generations?
Bjørn Heine Strand¹, Nina Emaus², Lone Jørgensen², Henrik Schirmer³, Rachel Cooper⁴, Astrid Bergland⁵
¹ Norwegian Institute of Public Health, Oslo, Norway, ² UiT The Arctic University of Norway, Tromsø, Norway. ³ University Hospital of North Norway, ⁴ University College London, UK, ⁵ OsloMet – Oslo Metropolitan University, Norway

**07.1.3** Physical performance in elderly who exercise regularly - associations with age and gender
Gro Gujord Tangen¹, Hilde Stendal Robinson²
¹ Norwegian National Advisory Unit on Ageing and Health, Oslo University Hospital, Norway, ² University of Oslo, Norway

**07.1.4** Physical function of oldest old men is associated with exercise, diet quality and resilience
Satu K Jyväkorpi, Annele Urtamo, Kaisu H Pitkälä, Timo E Strandberg
University of Helsinki, Finland

**07.1.5** Effect of a dual-task exercise program on kinematic gait changes in the elderly
António Coutinho¹, João Pinto², Vítor Pinheiro¹, Abel Rodrigues¹, Nuno Cordeiro¹, Catarina Leitão¹
¹ Polytechnic Institute of Castelo Branco, Portugal, ² Sporting Clube de Braga, Portugal

**07.1.6** Physical function factors associated with life-space mobility in later life
Sofi Fristedt, Marie Ernsth-Bravell, Ann-Sofi Kammerlind, Eleonor Fransson
Jönköping University, Sweden
Towards capability in aging
Chair: Ingmar Skoog

S7.7.1  The changing face of old age - New data from the H70-studies
Ingmar Skoog, Rydberg Therese, Ahlner Felicia, Kern Silke, Pia Gudmundsson
University of Gothenburg, Sweden

S7.7.2  Health perceptions amongst those with/without musculoskeletal and circulatory disorders: The differential impact of aging
Shawanda Stockfelt
University of Gothenburg, Sweden

S7.7.3  Comprehensive geriatric assessment in geriatric acute hospital care for frail older people
Theresa Westgård, Katarina Wilhelmson, Synneve Dahlin-Ivanoff
University of Gothenburg, Sweden

S7.7.4  Visibility patterns of gendered ageism in the media buzz: a study of the representation of gender and age 1994-2014
Maria Edström
University of Gothenburg, Sweden

S7.7.5  Working despite chronic illness among older female workers: the importance of work-place adjustments
Lotta Dellve, Linda Åhlström
University of Gothenburg, Sweden
Welfare technology
Chair: Torhild Holthe

07.2.1 Exergames and their construction of age
Susanne Dobner, Thomas Mayer
University of Vienna, Austria

07.2.2 Participatory health promotion:
Technical assistance customized to support fall preventive exercise
Marina Arkkukangas1, Sara Cederbom2, Michail Tonkonogi3,
Öie Umb Carlsson1
1 Research and Development in Sörmland, Sweden,
2 OsloMet – Oslo Metropolitan University, Norway, 3 Dalarna University, Sweden

07.2.3 Virtual reality has added value in the recovery of balance and gait:
a systematic review
Petra Siemonsma1, Desiderio Cano Porras2, Rivka Inzelberg3, Gabriel Zeilig2,
Meir Plotnik2
1 THIM University of Applied Science, The Netherlands, 2 Sheba Medical Center, Israel,
3 Tel Aviv University, Israel

07.2.4 Dialogue cafés with elderly: A method for user participatory collaboration in technology development
Torhild Holthe1, Anne Lund1, Liv Halvorsrud1, Dag Karterud1,
Adele Flakke Johannessen2, Hilde Lovett2, Erik Thorstensen1, Reidun Norvoll1,
Ellen-Marie Forsberg1
1 OsloMet – Oslo Metropolitan University, Norway, 2 Norwegian Board of Technology, Norway

07.2.5 From 2 to 1: Perspectives on welfare technology as a means to reduce staff-intensity in caring
Anna Amilon, Anu Siren, Gabriela Kruse Larsen, Line Mehlisen
The Danish Centre of Applied Social Science, Denmark

07.2.6 Which socio-demographic groups are at greatest risk of being displaced due to automation?
Vegard Skirbekk1, Solveig Christiansen1, Philipp Hessel2
1 Norwegian Institute of Public Health, Norway, 2 Andes University, Colombia
Antibiotic consumption, infection prevention and antibiotic resistance in the elderly
Chair: Hanne Eriksen

S7.7.1 Antibiotic resistance and use of antibiotics among elderly in Norway
Hanne Eriksen
The Norwegian Institute of Public Health, Norway

S7.8.3 Intervention study on promoting prudent antibiotic use in Norwegian long-term care facilities (LTFC) in the county of Østfold
Morten Lindbæk
University of Oslo, Norway

S7.8.3 A structured training program for health workers in intravenous treatment with fluids and antibiotics in nursing homes: A modified stepped-wedge cluster-randomised trial to reduce hospital admissions
Maria Romøren
University of Oslo, Norway

S7.8.4 Interleukin-6 concentrations in the urine and dipstick analyses were related to bacteriuria but not symptoms in the elderly: a cross sectional study of 421 nursing home residents
Per Daniel Sundvall
Primary Health Care in Southern Älvsborg County, Sweden

S7.8.5 Infection control: important actions to meet the challenge of antibiotic resistance in primary health care
Mette Fagernes
The Norwegian Institute of Public Health, Norway
14:30-15:00  **Coffee break**

15:00-15:30  **NGF Prize for promising researcher in gerontology lecture**
Congress Hall

**Eat well for healthy aging**
Ólöf Guðný Geirsdóttir
University of Iceland

15:30-16:00  **Sohlberg Nordic Prize in Gerontology lecture**
Congress Hall

**Active ageing as a pathway to wellbeing**
Taina Rantanen
University of Jyväskylä

16:00-16:30  **Closing ceremony**
Congress Hall

**Music**
Duo Jupiter

**Welcome to 25NKG**

**Closing speech**
24NKG General Secretary Marijke Veenstra
Posters P001 - P088 are displayed in Hall D.
Posters P089 - P137 are displayed in Forum.
(Posters P138 - P311 are displayed on Friday).

P001  **Volunteering and quality of life in middle aged and older adults: Causation or Selection?**
Marja Aartsen, Thomas Hansen, Britt Slagsvold
NOVA, OsloMet – Oslo Metropolitan University, Norway

P002  **Environmental mobility facilitators and personal goal setting in old age**
Milla Saajanaho, Merja Rantakokko, Erja Portegijs, Bela Pavelka,
Kirsi Keskinen, Johanna Eronen, Taina Rantanen
University of Jyväskylä, Finland

P003  **Perception of Older Adults on Age-friendliness in One city in South Korea**
Yeon-Hwan Park¹, Chiyoung Lee²
¹ College of Nursing, Seoul National University, South Korea ² School of Nursing, Duke University

P004  **Ageism and Swedish Media**
Dimitrios Kokkinakis¹, Maria Edström¹, Max Berggren²
¹ University of Gothenburg, Sweden, ² Prognosis, Sweden

P005  **Nursing Students’ Attitude toward Old People in Thailand: A Cross-Sectional Study**
Porntip Malathum¹, Nuchanad Sutthi¹, Supreeda Monkong¹, Chieko Greiner²
¹ Faculty of Medicine Ramathibodi Hospital, Mahidol University, Thailand, ² Kobe University, Japan

P006  **Ageing men as objects of evaluative gaze**
Ilkka Pietilä¹, Hanna Ojala¹, Neal King², Tori Calasanti²
¹ University of Tampere, Finland, ² Virginia Tech, USA

P007  **Creative Ageing - Creativity and the Practices of Growing Old**
Vera Gallistl
University of Vienna, Austria

P008  **Improved patient-safety for older adults undergoing hip surgery - Coaching to self-care**
Britta Hørdam¹, Anne-Katrine Mathiassen²
¹ UCD, ² University Hospital of Copenhagen/Gentofte, Denmark
P009  Using conversation analysis to explore person-centred care-planning in older people’s care
Daniel Lombard
University of Bristol, UK

P010  Interface Evaluation of Home-Based Health Care Information System for the Elderly in Taiwan
Chen-Fu Chen
Ming Chuan University, Taiwan

P011  Frail older adults in need of help to personal hygiene in home-care setting
Britta Hørdam¹, Rikke Volmer Brandsen²
¹ UCD, ²Municipality of Frederiksberg/Copenhagen, Denmark

P012  Activity profiles of vulnerable older adults
Sarah Dury
Vrije Universiteit Brussel, Belgium

P013  Formal and Informal Volunteering among Older People in Germany - Complement or Competition?
Clemens Tesch-Roemer, Claudia Vogel, Julia Simonson
German Centre of Gerontology, Germany

P014  The association between leisure activity in adulthood and cognitive function in old age
Linda Hassing
University of Gothenburg, Sweden

P015  Birth cohort differences in proportion of individuals showing cognitive decline, stability or gain
Peter Karlsson², Valgeir Thorvaldsson¹, Boo Johansson¹
¹ University of Gothenburg, Sweden ² School of Health and Welfare, Halmstad University, Sweden

P016  Associations of Inequality of Educational Opportunities and Later-life Cognitive Trajectories
Anja Leist, Eyal Bar-Haim, Louis Chauvel
University of Luxembourg
Cultural Gerontology: new developments in an emergent field
Julia Twigg¹, Julia Twigg¹, Wendy Martin²
¹ University of Kent, UK, ² Brunel University, UK

To take control over fintitude.
Older adults relation to time, future and ageing
Janicke Andersson
CASE, Lund University, Sweden

The portrayal of ageing baby boomers in Japanese newspapers
Motoko Ishikawa
University of Helsinki, Finland

Emotional availability in the caregiver-patient dyad in institution for older adults with dementia
Liora Cohen, Liora Cohen, Yuval Palgi
University of Haifa, Israel

Hand-Eating therapy in the Cognitive and Behavioral Unit (CBU) of Blois Hospital Center, France
Bernard Mercier¹, Pascale Hefteh¹, Nathalie Coursimault¹, Stephanie Tricot¹, Daniella Isacu²
¹ Blois Hospital Center, France, ² Loches Hospital Center, France

Implementation of a stepwise intervention for pain and challenging behaviour in dementia (STA OP!)
Marjoleine Pieper¹, Wilco Achterberg¹, Jenny van der Steen¹, Francke Anneke²
¹ LUMC, The Netherlands, ² NIVEL, The Netherlands

Living with Dementia in Iceland
Sirry Sif Sigurlaugardóttir, Árni Sverrisson
Alzheimer Iceland, Iceland

Abuse of Older Persons with Dementia
Elsie Yan¹, Gracy Fang²
¹ The Hong Kong Polytechnic University, ² University of Hong Kong, Hong Kong

How Much Eldercare in Request?
Projections of Demand for Care Among the Elderly in Poland
Wojciech Łątkowski
Warsaw School of Economics, Poland
P026  **Mortality, marriage and grip strength**  
Vegard Skirbekk¹, Melissa Hardy², Heine Strand¹  
¹ Norwegian Institute of Public Health, Norway, ² Penn State, USA

P027  **Depressive symptoms among Chinese older adults treated in primary care: an epidemiological survey**  
Helen FK Chiu¹, Bao Liang Zhong²  
¹ The Chinese University of Hong Kong, Hong Kong, ² Tongji Medical College of Huazhong University of Science and Techno, China

P028  **Impact of demonetisation on digital literacy of elderly people of Kerala, India**  
Radha Thevannoor Praveena K, Rinu Jayaprakash  
SCMS, COCHIN, India

P029  **Is Aging and Health a Theme in Learning Outcome Descriptors in Norwegian Bachelor Programs?**  
Kariann Krohne  
Norwegian National Advisory Unit on Ageing and Health, Norway

P030  **Architectural best practices in primary care towards family clinics adapted to aging**  
Antoine Guérette, Carole Després, Ernesto Morales  
Université Laval, Canada

P031  **Behaviour Change Techniques in a Fear of Falling Program: Older Adults’ Preferences**  
G.A.R. Zijlstra¹,², M. Woiwod¹, R.G.M. Vogel¹,²  
¹ Maastricht University, The Netherlands, ² Care and Public Health Research Institute, The Netherlands

P032  **From society of widows to society of divorcees – late life singlehood revisited**  
Torbjörn Bildtgård¹, Peter Öberg²  
¹ Stockholm University, Sweden, ² University of Gävle, Sweden

P033  **Interests, ideals or identifications? On the attitudes to welfare state priorities among older and younger generations in Norway**  
Svein Olav Daatland  
NOVA, OsloMet – Oslo Metropolitan University, Norway
P034  **The loss of a spouse in old age:**
Disruption of meal experiences and practices
Sidse Schoubye Andersen
University of Copenhagen, Denmark

P035  **Everyday food acquisition, food security and ageing.**
Angela Dickinson, Wendy Wills, Sue Halliday, Ariadne Kapetanaki
University of Hertfordshire, UK

P036  **An explanatory model for the help-seeking intention for dementia among the lay public**
Doris Sau-fung, Yu Doris Sau-fung Yu, Fan Zhang
Chinese University of Hong Kong

P037  **Unequal wealth & well-being:**
Does wealth help to benefit from shifts in late work and retirement?
Andreas Motel-Klingebiel, Susanne Kelfve
Linköping University, Sweden

P038  **Life-course, ageing and generations in Norway: the NorLAG study**
Hanna Nordbø, Marijke Veenstra, Katharina Herlofson, Thomas Hansen,
Tale Hellevik, Gøril Løset, Marja Aartsen, Britt Slagsvold
NOVA, OsloMet – Oslo Metropolitan University, Norway

P039  **Going Web or Staying Paper?**
The Effect of Survey Design in a Retirement Transition Study
Susanne Kelfve1, Marie Kivi2, Boo Johansson2, Magnus Lindwall2
1 Linköping University, Sweden, 2 University of Gothenburg, Sweden

P040  **Development of a smartphone application for self-assessment of physical function**
Ronny Bergquist1, Sabato Mellone2, Jorunn L. Helbostad1, Beatrix Vereijken1
1 NTNU, Norway, 2 University of Bologna, Italy

P041  **The Association of midlife factors with active and healthy ageing (AHA) among older businessmen**
Annele Urtamo1, Emmi Huohvanainen1, Pitkälä Kaisu1, Timo Strandberg2
1 University of Helsinki, Finland, 2 Universities of Helsinki and Oulu, Helsinki University Hospital, Finland
P042  Can Psoas Cross Sectional Area be used as a Surrogate for Markers of Cardio-Respiratory Performance?
Johanna Angell, Nick Dodds, Simon Lewis, Mark Pyke, Neil Collin, Stephen Tolchard
North Bristol NHS Trust, UK

P043  Removal of modified proteins from human plasma - potential effects for inflammation and senescence
Veronika Piskovatska¹, Alexander Navarrete Santos², Hendrik Treede², Andreas Simm¹
¹ Martin-Luther University Halle-Wittenberg, Germany, ² Universitätsklinikum Halle (Saale), Germany

P044  The level of epigenetic age acceleration in blood changes only modestly during adulthood
Laura Kananen¹, Saara Marttila¹, Tapio Nevalainen¹, Laura Kummola¹, Ilkka Junttila¹, Nina Mononen¹, Kähönen Mika¹, Olli Raitakari², Antti Hervonen¹, Marja Jylhä¹, Terho Lehtimäki¹, Mlikko Hurme¹, Juulia Jylhävä¹
¹ University of Tampere, Finland, ² Turku University Hospital, Finland

P045  Glutathione levels and rate of multimorbidity development in older adults: a longitudinal population
Laura Pérez¹,², Amaia Calderón-Larrañaga², Debora Rizzuto², Babak Hooshmand², Francesca Mangialasche², Patrizia Mecocci³, David Smith⁴, Helga Refsum⁵, Marco Inzitari¹, Laura Fratiglioni²
¹ Parc Sanitari Pere Virgili, Spain, ² Aging Research Center, Karolinska Institutet, Sweden, ³ Università degli Studi di Perugia, Italy, ⁴ Oxford Institute of Population Ageing, UK, ⁵ University of Oslo, Norway

P046  Sensitivity of CaCo-2 3D spheroids for fresh royal jelly (F-RY) (M) and HuIFN-aN3
Filipič Bratko¹, Pereyra Adriana², Exel Gregorič Dunja²
¹ CIETO, Croatia, ² MEDEX d.o.o., Slovenia

P047  An audit on longterm rate and rhythm control in chronic AF in a Maltese Geriatric Hospital.
David Debono, Dr Neville Aquilina RS
Mater Dei Hospital, Malta
The association of atrial fibrillation and antithrombotic treatment with cognitive aging
Mozhu Ding¹, Laura Fratiglioni¹, Kristina Johnell¹, Giola Santoni¹, Johan Fastbom¹, Petter Ljungman¹, Alessandra Marengoni¹,², Chengxuan Qiu¹
¹ Karolinska Institutet, Sweden, ² University of Brescia, Italy

Does cardiovascular drug-therapy differ among old people living in nursing homes or at home?
Amura Francesca Fog¹, Jørund Straand¹, Hege Salvesen Blix²
¹ Institute of health and society, University of Oslo, Norway, ² Norwegian Institute of Public Health, Norway

Thymus and activation-regulated chemokine (TARC)/CCL17 and IgE are related to elderly asthmatics
Kim In Sik¹, Kim Yoori¹, Hong Min Hwa¹, Jo Kyung Mi¹, Lim Hyo Kyung¹, Sull Jae Woong¹, Cheong Mee Ae¹, Kim In Sik¹, Lee Ji-Sook²
¹ Eulji University, ² Wonkwang Health Science University, Republic of Korea

Mobility limitation and cardiovascular and neuropsychiatric diseases: impact on mortality
Davide Liborio Vetrano¹, Debora Rizzuto¹, Amaia Calderón-Larrañaga¹, Graziano Onder², Anna-Karin Welmer¹, Roberto Bernabei³, Alessandra Marengoni², Laura Fratiglioni¹
¹ Aging Research Center - Karolinska Institutet, Sweden, ² Department of Clinical and Experimental Sciences, University of Brescia, Italy, ³ Department of Geriatrics, Catholic University of Rome, Italy

Time to improve delirium diagnostics in hospitals?
Delirium screening with 4AT
Anette Hylen Ranhoff, Mette Irene Martinsen, Trond Munkejord
Diakonhjemmet Hospital, Norway

Pain Medication Use and Quality of Life in Persons with Advanced Dementia
Paulien van Dam¹, Monique A.A. Caljouw¹, Dagrun D. Slettebo², Bettina S. Husebo², Wilco P. Achterberg¹
¹ LUMC, The Netherlands, ² SEFAS, Norway

Does the asthma medicine montelukast protect against dementia?
Bjørn Grinde, Bo Engdahl
Norwegian Institute of Public Health, Norway
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P055  Future focus on prevention: drug induced and drug aggravated dysphagia in the elderly patient
       Ursula Wolf1, Grit Walter1, Christina Naumann2, Andreas Wienke3, Sandra Gregor1,
       1 University Pharmacotherapy Management, University Hospital, Halle (Saale), Germany, 2 Geriatrie und Geriatrische Tagesklinik Diakoniekrankenhaus Halle, Germany, 3 Institute for Medical Epidemiology, Biometrics and Informatics, MLU Halle-Wittenberg, Germany

P056  Aging as result of racemic oxymoron, fractal and anti-fractal, Moebius strip like processes
       Sergii Kulishov1, Olexandr Iakovenko2
       1 UMSA, Ukraine, 2 V.P. Komissarenko Institute of Endocrinology and Metabolism AMS Ukraine, Kyiv

P056b New insight into the frailty index as a predictor of all-cause and cause-specific mortality
       Karolinska Institutet, Sweden

P057  Unmet need of physical activity and quality of life among older people: a 2-year prospective study
       Eeva Aartolahti, Taina Rantanen, Erja Portegijs, Lotta Palmberg, Anne Viljanen, Merja Rantakokko
       Gerontology Research Center, University of Jyväskylä, Finland

P058  Challenges and motivators to physical activity faced by retired men when ageing. A qualitative study
       Ebba Langum Bredland, Sylvia Söderström, Kjersti Vik
       NTNU, Norway

P059  Physical Function After The Resistance Training Among Older Adults With Metabolic Syndrome
       Milan Chang1, Alfons Ramel1, Olof Gudny Geirsdottir1, Palmi V. Jonsson1, Inga Thorsdottir2
       1 Landspitali University of Iceland, Landakot/University of Reykjavik, Iceland, 2 School of Health Science, University of Iceland, Iceland

P060  Torshavn Survey
       Gro Gade Haanes
       University of Faroe Islands
THURSDAY

P061 **Does Active Ageing Correlate with Psychological Well-being among Older Adults?**
Katja Kokko, Milla Saajanaho, Erja Portegijs, Taina Rantanen
Gerontology Research Center and Faculty of Sport and Health Sciences, University of Jyväskylä, Finland

P062 **Basic movements’ ability and body composition of women aged 60-81 y.o. in urban Arctic population**
Elena Nechaeva, Elena Nechaeva, Elena Golubeva, Irina Korelskaya
Northern arctic federal University, Russia

P063 **Predictive validity of successful aging’s models - associations with survival and long-term care**
Lily Nosraty, Linda Enroth, Jutta Pulkki, Jani Raitanen, Marja Jylhä
Faculty of Social Sciences (Health Sciences) and Gerontology Research Center, University of Tampere, Finland

P064 **Is fatigability associated with unmet physical activity need among community-dwelling older adults?**
Lotta Palmberg, Taina Rantanen, Erja Portegijs, Milla Saajanaho, Eeva Aartolahti, Sini Siltanen, Merja Rantakokko
Gerontology Research Center, Faculty of Sport and Health Sciences, University of Jyväskylä, Finland

P065 **Developing an Intervention to Promote Active Ageing (AGNES-promo)**
Katja Pynnönen, Sini Siltanen, Milla Saajanaho, Erja Portegijs, Taina Rantanen, Mary Hassandra
University of Jyväskylä, Faculty of Sport and Health Sciences and Gerontology Research Center, Finland

P066 **Life-space mobility in Parkinson’s disease: Associations with motor and non-motor symptoms**
Merja Rantakokko¹, Susanne Iwarsson², Björn Slaug², Maria H. Nilsson²,³
¹ University of Jyväskylä, Gerontology Research Center, Finland, ² Department of Health Sciences, Lund University, Sweden, ³ Memory Clinic, Skåne University Hospital, Sweden

P067 **Informal support for independent older adults: Does it help with hospitalization processes of care?**
Nurit Gur-Yaish¹,², Anna Zisberg¹, Orly Tonkikh¹, Hanna Admi³, Efrat Shadmi¹
¹ University of Haifa, Israel ² Oranim Academic College of Education, Israel ³ Rambam Health Care Campus, Israel
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**P068**  
**Place of residence in patients presenting Urgent Geriatric Outpatient Clinic: a 12-month follow-up**  
Jonna Laine, Marika Salminen, Laura Viikari, Paula Viikari, Matti Viitanen  
University of Turku, department of geriatrics, Finland

**P069**  
**Same patients? Comparing results from qualityregistries in acute geriatric and orthogeriatric wards**  
Mette Irene Martinsen, Tone Kettilsen, Anette Ranhoff  
Diakonhjemmet hospital, Norway

**P070**  
**To Survey the need for public facilities of the Thai elderly**  
Jitwadee Horpibulsuk, Pornsiri Jongjol  
Suranaree University of Technology, Thailand

**P071**  
**Psychometric properties and performance of the thriving of older people assessment scale**  
Rebecca Baxter¹, Hugo Lövheim¹, Sabine Björk¹, Anders Sköldunger¹, David Edvardsson²,  
¹ Umeå University, Sweden ² La Trobe University, Australia

**P072**  
**Functional assessment of older people in long-term care: exploring discourses of care professionals**  
Vilhelmiina Lehto¹, Outi Jolanki², Jaakko Valvanne¹, Marja Jylhä¹  
¹University of Tampere, Finland ²University of Jyväskylä, Finland

**P073**  
**Nutritional screening of patients at a memory clinic - association between patients’ and their relat**  
Anne Liv Lyngroth¹, Susanne M Sørensen Hernes¹, Bengt-Ove Madsen¹, Ulrika Soderhamn², Ellen Karin Grov³, Susanne M Sørensen Hernes⁴  
¹ Sørlandet Hospital Arendal, Norway ² University of Agder, Norway ³OsloMet - Oslo Metropolitan University, Norway ⁴ Sørlandet Hospital Arendal, Norway

**P074**  
**Dual and multitasks in older people: A proposal to measure performance in cognitive and motor tasks**  
Vítor Pinheira, António Coutinho, Abel Rodrigues, Catarina Leitão  
Polytechnic Institute of Castelo Branco, Portugal
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**P075**  
**Psychometric analyses of the English version Person-centred Climate Questionnaire-Family (PCQ-F)**  
Muhammad Aziz Rahman¹, Ewan McDonald¹, Kristina Edvardsson², Liz Pascoe¹, Qarin Lood¹, Yangama Jokwiro², David Edvardsson¹  
¹Austin Clinical School of Nursing, La Trobe University, Melbourne, Australia  
²Northern Clinical School of Nursing, La Trobe University, Australia

**P076**  
**Can you still get it when you are this old? Experiencing cancer and cancer care at an advanced age**  
Birgit van Ee¹, Mariët Hagedoorn², Aafke Honkoop³, Ad Kamper³, Joris Slaets⁴, Carolien Smits⁵  
¹University of Applied Sciences Windesheim, The Netherlands  
²University Medical Center Groningen, The Netherlands  
³Isala hospital, The Netherlands  
⁴Leyden Academy on Vitality and Ageing, The Netherlands  
⁵Windesheim University of Applied Sciences, The Netherlands

**P077**  
**Exercise program for patients with cancer-related fatigue: Literature review**  
Wai Man Wong, King Chi Li, Kong Nam Ha  
The Chinese University of Hong Kong

**P078**  
**Association between gray matter and gait during dual-tasking among community-dwelling elderly adults**  
Susana Castro-Chavira¹, Torgil R Vangberg², Marta M Gorecka¹, Olena Vasylenko¹, Knut K Waterloo¹, Claudia Rodriguez-Aranda¹  
¹The Arctic University of Norway, Tromsø, Norway  
²University Hospital of North Norway, Norway

**P079**  
**25 hydroxyvitamin D, midlife physical activity and cognitive function among older adults**  
Hrafnhildur Eymundsdóttir¹, Milan Chang², Ólöf Geirsdóttir², Pálmi Jónsson³, Vilmundur Gudnason⁴, Launer Lenore⁵, Alfons Ramel¹  
¹University of Iceland, Iceland  
²The Icelandic Gerontological Research Center, Iceland  
³Department of Geriatrics, The National University Hospital of Iceland  
⁴Icelandic Heart Association, Iceland  
⁵Laboratory of Epidemiology and Population Sciences, Iceland

**P080**  
**Influence of dichotic listening on attention and gait during dual-tasking in healthy elderly and MCI**  
Marta Maria Gorecka, Ella Maja Viktoria Bergman, Vilde Katrine Byre, Knut Waterloo, Claudia Rodriguez-Aranda, Department of psychology  
The Arctic University of Norway, University of Tromsø, Norway
THURSDAY

P081  Moderate alcohol consumption does not protect cognitive function
Linda Hassing
University of Gothenburg, Dept. of Psychology, Sweden

P082  The effect of dark chocolate flavanols on cognition in older adults: a randomized controlled trial
Heli Salmenius-Suominen¹, Satu Jyväkorpi¹,², Kaisu Pitkälä², Merja Suominen¹,²
¹ Society for Gerontological Nutrition in Finland ² University of Helsinki, Finland

P083  Timed Up-and-Go dual-task performance in people with cognitive impairment
Anna Cristina Åberg¹,², Ylva Cedervall¹, Caroline Lunberg², Vilmantas Giedraitis¹, Lars Berglund¹, Lena Kilander¹, Martin Ingelsson¹, Erik Rodendahl³, Kevin McKee²
¹ Uppsala University, Sweden ² Dalarna University, Sweden ³ Umeå University, Sweden

P084  Health perceptions, life satisfaction, and multimorbidity trajectories among Swedish older adults
Amaia Calderón-Larrañaga, Anna-Karin Welmer, Serhiy Dekhtyar, Davide Vetrano, Rizzuto Debora, Laura Fratiglioni
Aging Research Center, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet, Sweden

P085  Multimorbidity in nonagenarians: The Vitality 90+ study
Pauliina Halonen, Linda Enroth, Marja Jylhä, Kristina Ttainen
University of Tampere, Finland

P086  Housing challenges for ageing societies: A comparison of Sweden and Japan
Björn Slaug¹, Rumiko Tsuchiya-Ito², Susanne Iwarsson¹
¹ Lund University, Department of Health Sciences, Sweden ² Dia foundation for Research on Ageing Societies, Tokyo, Japan

P087  The role of depression on subjective memory complaint in mild cognitive impairment
Song Dan Yu Doris
The Chinese University of Hong Kong, Hong Kong
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**P088** Association between the use of proton pump inhibitors and cognitive impairment in older adults  
Camilo Gomez¹, Miguel German Borda¹, Mario Ulises Pérez-Zepeda², Pamela Tella-Vega², Carlos Cano¹  
¹ Pontificia Universidad Javeriana, Colombia ² Geriatric Epidemiology Research Department, Instituto Nacional De Geriatría, Colombia

**P089** Time from symptom debut to dementia assessment by the specialist health care service in Norway  
Anne-S. Helvik¹, Knut Engedal¹, Jūratė Šaltytė Benth², Geir Selbæk¹  
¹ Norwegian National Advisory Unit on Aging and Health, Norway ² University of Oslo, Norway

**P090** Effects of a Rice-Farming Aare program on Cognitive Functions and Mental Health  
Yamazaki Sachiko¹, Chiaki Ura², Okamura Tsuyoshi², Ishiguro Taichi³, Torishima Keisuke³, Kawamura Yu³  
¹ Bunkyo Gakuin University, Japan ² Tokyo Metropolitan Institute, Japan ³ Kawamura Memorial Hospital, Japan

**P091** Developing culture sensitive dementia care by Cocreation with Turkish caregivers  
Carolien Smits¹, Franka Bakker¹, Gözde Duran¹, Güler Cumert², Jan Jukema²  
¹ Windesheim University of Applied Sciences, The Netherlands ² Zwolle Doet!, The Netherlands

**P092** Lessons of The Takashimadaira On-site Study: Challenging Toward Living Well with Dementia in Tokyo  
Chiaki Ura, Tsuyoshi Okamura, Hiroki Inagaki, Madoka Ogawa, Hirotoshi Niikawa, Ayako Edahiro, Mika Sugiyama, Fumiko Miyamae, Naoko Sakuma, Shuichi Awata  
Tokyo Metropolitan Institute of Gerontology, Japan

**P093** The Effects of Neuro-Linguistic Programming Counseling on Depression of the Elderly with Chronic ill  
Wethaka Klinwichit, San Klinwichit, Puangtong Inchai, Ploypun Klinwichit  
Faculty Of Medicine, Burapha University, Thailand

**P094** Staff perceptions of the design of care environments for older people - a qualitative study  
Susanna Nordin, Kevin McKee, Marie Elf  
Dalarna University, Sweden
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P095  **Disability duration, life satisfaction and ageing.**  
      A 5-year longitudinal panel study  
      Magnhild Nicolaisen, Bjørn Heine Strand, Kirsten Thorsen  
      Norwegian National Advisory Unit on Ageing and Health, Norway

P096  **Can the relationship between multidimensional frailty and ADL disability be moderated?**  
      Anne van der Vorst¹, Linda Op het Veld¹,², Nico De Witte³, Jos M.G.A. Schols¹, Gertrudis I.J.M. Kempen¹, G.A. Rixt Zijlstra¹  
      ¹ Maastricht University, The Netherlands ² Zuyd University of Applied Sciences, The Netherlands ³ Vrije Universiteit Brussel, University College Ghent, The Netherlands

P097  **Use of health care services among older adults participating in FINGER multidomain intervention**  
      Jenni Kulmala¹, Tiia Ngandu¹, Riitta Antikainen², Tiina Laatikainen¹, Hilkka Soininen³, Timo Strandberg², Jaakko Tuomilehto¹, Miia Kivipelto⁴  
      ¹ National Institute for Health and Welfare, Finland ² University of Oulu, Finland ³ University of Eastern Finland, Finland ⁴ Karolinska Institutet, Sweden

P098  **Quality of life and use and costs of health and social services in old people living alone**  
      Leena Forman¹, Jussi Partanen¹, Pekka Rissanen¹,²  
      ¹ University of Tampere, Finland ² National Institute for Health and Welfare, Finland

P099  **Differences between the attitudes towards elderly care among Japanese and Finnish nursing students**  
      Yuko Degai¹, Mariko Otsuka¹, Kimmo Vänni², Sirpa Salin²  
      ¹ Miyagi University, Japan ² Tampere University of Applied Sciences, Finland

P100  **Swedish National Graduate School for Competitive Science on Ageing and Health (SWEAH)**  
      Maria Haak, Ulla Riis Madsen, Susanne Iwarsson  
      Lund University, Sweden

P101  **Students’ experiences in problem-based learning (PBL): to raise interest in gerontology**  
      Merle Varik¹,², Merle Varik², Eve-Merike Sooväli²  
      ¹ Tallinn University, Estonia ² Tartu Health Care College, Estonia
THURSDAY

P102  Fall prevention among older adults
- effective teaching methods in health care education
Marja Äijö1, Tarja Tervo-Heikkinen2, Marja Silén-Lipponen1
1 Savonia University of Applied Sciences, Finland 2 Kuopio University Hospital, Finland

P103  Glycaemic control considering health status in geriatric patients with diabetes mellitus
Angela Libiseller1, Katharina Lichtenegger1, Antonella de Campo2, Tatjana Wiesinger2, Nicole Stolletz2, AuGerald Cuder1, Bernhard Höll3, Peter Beck3, Johannes Plank1, Thomas Pieber1
1 Medizinische Universität Graz, Austria 2 Geriatric Health Centers of the city of Graz, Austria 3 Joanneum Research ForschungsgesmbH Graz, Austria

P104  Development and pilot-testing of a Video Decision Aid for improving End-of-life care planning among
Ching Ting, Jenny Lai Yue Lai Chan
The Chinese University of Hong Kong, Hong Kong

P105  The impact of bereavement on health among mortality among older adults
Lucas Morin, Jonas Wastesson, Neda Agahi, Kristina Johnell,
Karolinska Institutet – Aging Research Center, Sweden

P106  Pain suffering at the end of life for nursing home patients.
A preliminary validation of the Mobiliz
Reidun Sandvik1,2, Bettina Husebø3,2, Geir Selbæk2,4,5, Sverre Bergh6,4,5
1 Western Norway University of Applied Sciences, Norway 2 Centre for Elderly and Nursing Home Medicine, University of Bergen, Norway 3 Department of Global Public Health and Primary Care, Norway 4 Innlandet Hospital Trust 5 Norwegian National Advisory Unit on Ageing and Health, Norway 6 Centre for Old Age Psychiatric Research, Norway

P108  The prognostic role of problems with memory and complex ADL for mortality in the HUNT3 70+ Study
Gro Tangen1, Langballe Ellen Melbye1, Bjørn Heine Strand1,2
1 Norwegian National Advisory Unit on Ageing and Health, Norway 2 Norwegian Institute of Public Health, Norway

P109  The Specific Types of Dignity Realization of Patients with Stroke
Sunna Rannikko1, Minna Stolt1, Riitta Suhonen1,2, Helena Leino-Kilpi1,2
1 University of Turku, Finland 2 Turku University Hospital, Finland
P110 Risk factors for injurious falls in older adults: The role of sex and follow-up time
Stina Ek, Debora Rizzuto, Laura Fratiglioni, Amaia Calderón-Larrañaga, Kristina Johnell, Linnea Sjöberg, Weili Xu, Anna-Karin Welmer
Karolinska Institutet, Sweden

P111 Dual-task induces significant alterations in the gait kinematics of older adults
Madalena Gomes da Silva1, Nadia Augusto2, Claudia Paiva2, Cindy Jordão2, Rodrigo Martins3, Ricardo Matias4
1 School of Health - Polytechnic Institute of Setubal, Portugal 2 Escola Superior Saude - IPS, Portugal
3 Escola Cruz Vermelha Portuguesa, Portugal 4 Champalimaud Research. Champalimaud Centre for the Unknown, Portugal

P112 Associations between Downton Fall Risk Index and fall-related injuries
Elisabeth Rydwik1, Mahnaz Mojtaba2, Hassan Alinaghizadeh3
1 Karolinska Institutet, Sweden 2 Hälsoopoolen, Sweden
3 Stockholm County Council, Academic Primary Care Center, Sweden

P113 Temporal trends in impairments of physical function among older adults during 2001-2016 in Sweden
Anna-Karin Welmer1, Giola Santoni2, Sara B. Angleman2, Stina Ek2, Emerald Heiland2, Lagergren Mårten2, Laura Fratiglioni2, Anna-Karin Welmer2
1 Aging Research Center, NVS, Karolinska Institutet, Sweden 2 Karolinska Institutet, Sweden

P114 A new norwegian study of health and ageing (norse)
Ellen Melbye Langballe1, Bjørn Heine Strand2, Sverre Bergh3 Geir Selbæk1, Vegard Skirbekk2, Øyvind Kirkevold3,4
1 Norwegian National Advisory Unit on Ageing and Health, Norway 2 Norwegian Institute of Public Health, Norway 3 Innlandet Hospital Trust, Norway 4 NTNU-Gjøvik, Ageing and Health, Norway

P115 Exploring empirical relationships between person-centredness and quality of nursing home care
Qarin Lood1, Ådel Bergland2, Peter Birkett3, Andrea Dunlop3, Marit Kirkevold4, Per-Olof Sandman5, Karin Sjögren5, David Edvardsson6
1 University of Gothenburg, Sweden 2 Lovisenberg University College, Norway 3 Hesse Rural Health Services, Australia 4 University of Oslo, Norway 5 Umeå University, Sweden 6 La Trobe University, Australia
P116 Two-year changes in gait variability in community-dwelling older adults
Bård Bogen, Anette Hylen Ranhoff, Rolf Moe-Nilssen, Mona Kristin Aaslund
University of Bergen, Norway

P117 Struggle of decision making about medical treatment for older patients in an acute hospital in Japan
Mio Ito, Chiho Shimada
Tokyo Metropolitan Institute of Gerontology, Japan

P118 Intergerational solidarity: perspectives and representations
Maria da Luz Cabral
ESSA/SCML, Portugal

P119 Piloting Remote Coaching and Digital Material in Health Exercise for Older People
Sonja Iltanen, Teija Vihervaara, Heli Starck, Saima Hänninen, Elina Karvinen, Päivi Topo
The Age Institute, Finland

P120 Key Project Strength in Old Age Implementation
Pirjo Kalmari, Elina Karvinen, Markku Holmi, Liisa Paavola, Anne Honkanen, Päivi Topo
The Age Institute, Finland

P121 A model for cooperating with volunteers in the health care sector
Beate Magerholm, Julie Tessem, Eirin Hillestad
Dignity Center, Norway

P122 Dialogue with life - experiences of ageing
Anne Rahikka, Anne Rahikka
Miina Sillanpää Foundation, Finland

P123 Household Activities in Later Life
Annika Wentjärvi, Annika Wentjärvi, Susanne Jungerstam
Novia University of Applied Sciences, Finland

P124 Needs and Empowerment in Later Life
Ulrika Häggström, Susanne Jungerstam, Annika Wentjärvi
Novia University of Applied Sciences, Finland
P125  Cheers Lads! Nursing Homes for Older People with Substance Use Disorder in Swedish Print Media
Håkan Jönson, Tove Harnett
School of Social Work, Lund University, Sweden

P126  Memory MIKE - An Instrument for Assessing and Monitoring the QALY of a Person with Memory Disorder
Tiina Hailla¹, Maaret Meriläinen²
¹ VTKL - The Finnish Association for the Welfare of Older People, Finland
² Memory Association of Oulu Region, The Alzheimer Society of Finland, Finland

P127  Namaste Care Family for people with dementia: first experiences of staff and family caregivers
Hanneke Smaling¹, Karlijn Joling¹, Wilco Achterberg², Anneke Francke¹, Jenny van der Steen²
¹ VU Medical center, The Netherlands ² Leiden University Medical Center, The Netherlands

P128  The Future Ageing of the Arctic Population: Modelling its Dynamics by Education
Anastasia Emelyanova
University of Oulu, Finland

P129  Accessible entrance for seniors’ homes in Winter Cities
Ernesto Morales¹, Antoine Guérette¹, Jean Ruel¹, Marc-André Plourde-Campagna¹, Francis Charrier¹, Alicia Lamontagne¹, François Routhier¹, Jacqueline Rousseau²
¹ Université Laval, Canada ² Université de Montréal, Canada

P130  Geriatric Academy - sharing knowledge
Sanne Beck, Jens-Ulrik Rosholm, Lisa Jakobsen, Jette Wensien
Department of Geriatric Medicine, Odense University Hospital, Denmark

P131  CEDAW and the capability approach as a way to promote elderly women (in the North)
Eva-Maria Svensson
University of Gothenburg, Sweden

P132  Determinants of home-based formal help in community-dwelling older people
Oddvar Førland
Centre for Care Research – Western Norway University of Applied Sciences, Norway
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P133 **The Importance of Information in a Market-Based System**
Denise Tyler¹, Ulrika Winblad², Emily Gadbois³, John McHugh⁴, Renee Shield⁵
¹ RTI International, USA ² Uppsala University, Sweden ³ Brown University, USA ⁴ Columbia University Mailman School of Public Health, USA

P134 **Together in the Neighbourhood Project**
- joy and sense of community to the lives of elderly residents
Jukka Murto, Outi Mustonen, Sirkkaliisa Heimonen, Elina Karvinen, Päivi Topo
Age Institute, Finland

P135 **Cognitive impairment and Resource Use in Swedish Nursing Homes**
- Results from the Swenis Study
Anders Sköldunger¹, Wimo Anders², Sandman P O¹, Edvardsson David¹
¹ Umeå Universitet, Sweden, ² Karolinska Institutet, Sweden

P136 **Safe care to older patients**
in the transition between hospitals and local care services
Heidi Gautun¹, Ragnhild Hellesø²
¹ NOVA, OsloMet – Oslo Metropolitan University, Norway ² University of Oslo, Norway

P137 **Ageing profiles in the rural interior border of Portugal**
Maria João Guardado, Moreira Vitor Pinheiro, Carlos Maia, Eugénia Grilo, Paula Godinho
Polytechnic Institute of Castelo Branco, Portugal
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Posters P237 - P311 are displayed in Forum.

P138 **The Disability Pension Gap between non-Western Immigrants and Natives: Evidence from Denmark**
Jeevitha Qvist, Hans-Peter Qvist
Aalborg University, Denmark

P139 **Fear of Crime, Health and Perceived Vulnerability**
Rebekka Rohner¹, Stefan Hopf¹, Anna Wanka²
¹ Department of Sociology, University of Vienna, Austria, ² Goethe-University Frankfurt, Germany

P140 **Do Self-Rated Health Predictors Differ Between Women and Men?**
Svenja Spuling¹, Susanne Wurm², Markus Wettstein¹
¹ German Centre of Gerontology, Germany,
² Friedrich-Alexander-University Erlangen-Nuremberg, Germany

P141 **Changes in health and health-seeking behaviours among older adults in China: a longitudinal report**
Ben Liu¹, Dion Sik-yee Leung²
¹ University of Hertfordshire, UK, ² Caritas Institute of Higher Education, Hong Kong

P142 **Effects and feasibility of strengths-based intervention on health of dementia family caregivers**
Doris Sau-fung Yu¹, Sheung-tak Cheng², Esther Chow³, Timothy Kwok¹, Kai Chow Choi¹
¹ Chinese University of Hong Kong, Hong Kong,
² The Educational University of Hong Kong, Hong Kong, ³ City University of Hong Kong

P143 **Care patterns and quality of life in older social care service users in the UK**
Ben Chi-pun Liu¹, Dion Sik-yee Leung²
¹ University of Hertfordshire, UK, ² Caritas Institute of Higher Education, Hong Kong

P144 **Parental Social Support System that their Children Recognized and its Factors in Japan**
Tomoo Nakata¹, Masami Nakata²
¹ Hokusei Gakuen University, Japan, ² Sapporo Gakuin University, Japan
Helping ageing parents  
- the role of responsibility norms and relationship quality  
Hanna Nordbø, Katharina Herlofson  
NOVA, OsloMet – Oslo Metropolitan University, Norway

Dialing In To The Needs of LGBT Older Adults:  
SAGE Metro Detroit’s Friendly Caller Program  
Darin Thomas Smith  
The University of Michigan, USA

Aspects of Stories about Childhood among Older Men in Japan:  
A Text Mining Approach in Life History  
Rumi Kozakai  
Hokusho University, Japan

Memory now and then - A longitudinal comparison  
of subjective memory at the age of 40 and 70  
Marcus Praetorius, Björk Boo Johansson  
University of Gothenburg, Sweden

They also do it:  
Internet usage of older adults living in residential care facilities  
Alexander Seifert  
University of Zurich, Switzerland

Improving older people’s mental wellbeing  
- information, skill and methods  
Tamara Björkqvist, Sirkkaliisa Heimonen, Stina Fågel, Ilka Haarni, Outi Mustonen  
The Age Institute, Finland

Becoming work friends. Staff experiences from culturally diverse  
reflection groups on elder care  
Kariann Krohné, Betty Døble, Aud Johannessen  
National Advisory Unit on Ageing and Health, Norway

Determinants of increasing employment rates for older workers  
Mona Larsen1, Peder J. Pedersen1,2  
1VIVE – Danish Centre of Applied Social Science, Denmark, 2Aarhus University, Denmark
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P153 * Lean Methodology Improves Opioid Use for Chronic Pain among Elderly in an Acute Care Unit
Joshana Goga, Annie Michaels, Antonio DePaolo
Sheppard Pratt Health System, USA
* Moved to Thursday

P154 Physical activity tracking in older adults’ everyday life
Anna Schlomann1, Alexander Seifert2
1 University of Cologne, Germany, 2 University of Zurich, Switzerland

P155 The Relationship between Health and Empowerment - a Study of Older Adults in Ostrobothnia
Susanne Jungerstam, Maj-Helen Nyback
Novia University of Applied Sciences, Finland

P156 Older adults with lower cognitive performance feeling younger
Tomoko Ikeuchi, Akihiko Kitamura, Hidenori Amano, Yu Taniguchi, Miki Narita, Yuri Yokoyama, Satoshi Seino, Mariko Nishi, Shoji Shinkai
Tokyo Metropolitan Institute of Gerontology, Japan

P157 Contrasting Age-Related vs. Terminal Change in Well-Being: The Role of Health
Markus Wettstein, Svenja Spuling
German Centre of Gerontology, Germany

P158 * College Students’ Knowledge About Aging: China, Japan, and the United States
Ginny Zhan Sharon, M. Pearcey, Hiroko Tomioka
Kennesaw State University, USA
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P159 Interaction Human-Robot: A methodological proposal to evaluate actions performed by robots to elderly
Cristina Pereira, Simão Silva, Maria Moreira, Vitor Pinheira, Paulo Gonçalves
Polytechnic Institute of Castelo Branco, Portugal

P160 Well-being and Engagement intervention: determinants of implementation by professional caregivers
Noortje Kloos1, C.H.C. Drossaert1, F. Laevers2, E.T. Bohlmeijer1, G.J. Westerhof1
1 University of Twente, The Netherlands, 2 Katholieke Universiteit Leuven, Belgium
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P161 Age differences in morale among older people: results from Western Finland and Northern Sweden
Marina Näsman¹, Johan Niklasson², Birgitta Olofsson², Yngve Gustafson², Mikael Nygård¹, Jan Saarela¹, Fredrica Nyqvist¹
¹Åbo Akademi University, Finland, ²Umeå University, Sweden

P162 Illusory Target Motion and activities of daily life in older adults
Alix de Dieuleveult¹,², Anne-Marie Brouwer², Petra Siemonsma³, Jan van Erp²
¹TNO Leiden, The Netherlands, ²University of Twente, The Netherlands
³University of Applied Sciences Leiden, The Netherlands

P163 ‘There Isn’t Any Great Age Difference, Not in Your Heart’: Exploring Intergenerational Friendship
Catherine Elliott O’Dare
Trinity College Dublin, Ireland

P164 Evidence Based Practice in Gerontological Social Work
Sirry Sif Sigurlaugardóttir¹, Sigurveig Sigurðardóttir²
¹Alzheimer Iceland, Iceland, ²University of Iceland, Iceland

P165 Dimensions of Social Space in Very Old Age
Luise Geithner
University of Cologne, Germany

P166 Job environment exposures and dementia risk in late life - do they moderate the effect of APOE e4?
Caroline Hasselgren, Hans Ekbrand, Björn Halleröd, Ingmar Skoog, Lotta Dellve
University of Gothenburg, Sweden

P167 The association between social exclusion and well-being in older adults from rural and urban areas
Kevin McKee¹, Lena Dahlberg¹,²,³
¹Dalarna University, Sweden, ²Karolinska Institutet, Sweden, ³Stockholm University, Sweden

P168 Social networks in old age: The case of older migrants and natives in Switzerland
Ruxandra Oana Ciobanu
University of Geneva, Switzerland
A typology of changes in social networks and its effects on mental health in old age
Ella Schwartz
Israel Gerontological Data Center, School of Social Work, The Hebrew University of Jerusalem

Convex Analysis of Age Dependent Heart Electrical Instability
Sergii Kulishov, Olexandr Iakovenko, Anton Shvedenko
1 UMSA, Ukraine, 2 V.P. Komissarenko Institute of Endocrinology and Metabolism AMS, Ukraine

Emotional intelligence in older women with ischemic heart disease in depending on ejection fraction
Sergii Kulishov, Oksana Bublyk
1 UMSA, Ukraine, 2 Lugansk State Medical University, Ukraine

Relationship of metabolic diseases with physical activity depending on age in Korea
Kim In Sik, Hong Min Hwa, Kim Yoori, Lim Hyo Kyung, Sull Jae Woong, Park Beom Seok, Mun Ji Young
Eulji University, Republic of Korea

TRAILDEM - Trajectories of cognitive impairment and dementia, and risk factors for progression
Trine Holt Edwin, Rachel Amland, Selbæk Geir, Karin Persson, Marit Mjørud, Knut Engedal, Anne-Brita Knapskog, Bjørn Heine Strand
1 Norwegian National Advisory Unit on Ageing and Health, Norway 2 University of Oslo, Norway, 3 Oslo University Hospital, Norway, 4 Norwegian Institute of Public Health, Norway

Review of Animal Assisted Therapy with visiting dogs in Dementia
Aaseem Farid
NHS Liverpool Community Health, UK

Cognitive impairment no dementia, frailty and incident dementia: systematic review and meta-analyses
Giulia Grande, Miriam L Haaksma, Debora Rizzuto, René JF Melis, Alessandra Marengoni, Graziano Onder, Anna-Karin Welmer, Leonardo Pantoni, Laura Fratiglioni, Davide L Vetrano
1 Aging Research Center (ARC), Karolinska Institute, Sweden, 2 Radboudumc Alzheimer Center, Radboud University Medical Center, The Netherlands, 3 Catholic University of Rome, Italy, 4 The University of Milan, Italy
The Meaning of stage Congruent Responsive Behaviors (SCRB) in Dementia/Major Neurocognitive Disorder
Atul Sunny Luthra
Homewood Health Centre, Canada

Future focus in dementia diagnostic - can registers contribute?
Marit Nåvik1, Torunn Holm Totland1, Ingrid Tøndel Medbøen1, Lisbeth Dyrendal Høgset1, Benedicte Huseby Bøhn1, Ingvild Saltvedt2, Anette Hylen Ranhof3, Geir Selbæk1
1 Norwegian National Advisory Unit on Ageing and Health, Norway, 2 St Olavs Hospital, Norway, 3 Diakonhjemmet Hospital, Norway

The relation between blood pressure and cognitive health varies with age
Maarten Rozing1, RGJ Westendorp1, E Mortensen1, K Bachkati1,2, E Garde1
1 Copenhagen University, Denmark, 2 Danish Aging Research Center, University Southern Denmark

Quality of life and Paracetamol In advanced Dementia (Q-PID trial)
Paulien van Dam, Monique A.A. Caljouw, Wilco P. Achterberg
LUMC, The Netherlands

Meeting the challenge of depression in older people: current evidence and future directions
Philip Wilkinson
University of Oxford/Oxford Health NHS Foundation Trust, UK

Implement in earliest geriatrics: Interprofessional know-how to prevent instead of iron out
Ursula Wolf
University Pharmacotherapy Management, University Hospital, Halle (Saale), Germany

Childhood social class as a moderator of late-life cognitive abilities
Malin Ericsson1, Ralf Kuja-Halkola1, Nancy Pedersen1, Stefan Fors1,2, Catalina Zavala3, Chandra Reynolds3, Anna Dahl Aslan1,4
1 Karolinska Institutet, Sweden, 2 Stockholm University, Sweden, 3 University of Southern California, USA, 4 Jönköping University, Sweden
Association between grip strength and comorbidities

Miguel German Borda¹, Jenny Osa², Mario Ulises Pérez-Zepeda³, Camilo Gómez⁴, Ana María Pardo⁵, Carlos Cano¹

¹ Pontificia Universidad Javeriana, Colombia, ² Stavanger University Hospital, Norway, ³ Geriatric Epidemiology Research Department, Instituto Nacional De Geriatría, Mexico, ⁴ Pontificia Universidad Javeriana, Colombia, ⁵ Clínica del Country, Colombia

Is long-term endurance exercise a risk factor for osteoporosis in older women?

Anette Hylen Ranhoff¹, Ida W. Landgraff², Stine Voll Aasen³, Hanna Bakke-Veiby⁴, Marius Myrstad², Nina Emaus⁵

¹ Diakonhjemmet Hospital, Norway, ² Bærum Hospital, Norway, ³ University of Bergen, Norway, ⁴ University of Oslo, Norway, ⁵ University of Tromsø, Norway

Anticholinergic drugs and their association with psychological well-being and mortality

Ulla Aalto¹, Harriet Finne-Soveri¹, Hannu Kautiainen², Kaisu Pitkälä²

¹ Helsinki City Home-Care services, Finland, ² University of Helsinki, Finland

Change in QOL after an Intervention for People with Dementia: A Cluster Randomized Controlled Trial

Maartje Klapwijk, Monique Caljouw, Marjoleine Pieper, Hein Putter, Jenny van der Steen, Wilco Achterberg

Leiden University Medical Center, The Netherlands

Oral health at the end of life: a prospective description of oral symptom severity in dying nursing

Reidun Sandvik¹, Bettina Husebø¹, Geir Selbæk², Gunhild Strand¹, Sverre Bergh²

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The Balance Confidence, Health Status and a multitasking evaluation protocol in the elderly

António Coutinho, Vítor Pinheira, Abel Rodrigues, Nuno Cordeiro, Catarina Leitão

High School of Health Dr. Lopes Dias - Polytechnic Institute of Castelo Branco, Portugal
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P189 Poor appetite and associated health conditions among community dwelling older adults in Iceland
Milan Chang1, Ólöf Guðný Geirsdóttir1, Gudny Eiriksdóttir2, Tamara Harris3, Lenore J. Launer3, Vilmundur Gudnasson2, Marjolein Visser4, Ingibjorg Gunnarsdóttir5
1 Landspitali University of Iceland, Landakot/University of Reykjavik, Iceland, 2 Icelandic Heart Association, 3 Epidemiology & Pop Science Lab, National Institute on Aging, USA, 4 VU University, Amsterdam, The Netherlands, 5 University of Iceland & Landspit, Iceland

P190 'Mealtime Activity Agreement' - Settling with resident passivity in Rehabilitation mealtime care
Line Krogh1, Mette Weinreich Hansen2, Niels Heine Kristensen3, Anne Marie Beck1
1 Metropolitan University College, Denmark, 2 Aalborg University, Denmark, 3 Umeå University, Sweden

P191 Adequate energy intake two weeks after discharge prevents readmission to hospital
Jette Lindegaard Pedersen1, Else Marie Damsgaard1, Preben Ulrich Pedersen2
1 Department of Geriatrics, Aarhus University Hospital, Denmark, 2 Aalborg University, Denmark

P192 The frailty index is a better predictor for the need for care than ADL and multimorbidity
Juulia Jylhävä, Miao Jiang, Andrea Foebel, Nancy Pedersen
Karolinska Institutet, Dept. Medical Epidemiology and Biostatistics, Sweden

P193 Prevalence and risk factors of frailty among home care clients
Irma Nykänen, Minna Miettinen, Miia Tiihonen, Sirpa Hartikainen
University of Eastern Finland, Finland

P194 Mobile Geriatric Teams - a cost-effective way of improving patient safety and reducing health care u
Sofi Fristedt, Örjan Skogar, Nystedt Paul
Jönköping University, Sweden

P195 The effect of increased elderly population on general practitioner visits and mortality rate
Katri Mustonen1, Hannu Kautiainen2, Timo Kauppiälä3, Ossi Rahkonen4, Jarmo Kantonen5, Marko Raina6, Tiina Mäki1, Kaisu Pirkålä4
1 HUS, Finland, 2 Medcare, Finland, 3 Mehilaša, Finland, 4 University of Helsinki, Finland, 5 YTHS, Finland, 6 City of Vantaa, Finland
**Older adults’ experiences of living with long-term health problems at home**
Cecilia Åberg¹, Mia Berglund¹, Catharina Gillsjö¹, Jenny Hallgren²
¹ University of Skövde, Sweden, ² Jönköping University, Sweden

**Changes in activities of daily living among nursing home samples in Norway**
Annelise Dyrli, Geir Selbæk, Øyvind Kirkevold, Torunn Totland, Ellen Langballe
Norwegian National Advisory Unit on Ageing and Health, Norway

**Cohort differences in longitudinal change in functional ability**
Deborah Finkel¹, Marie Ernsth-Bravell²
¹ Indiana University Southeast, USA, ² Institute for Gerontology, Jönköping University, Sweden

**Factors associated with risk for developing illness by older people living at home**
Astrid Fjell¹, Berit Cronfalk²-³, Arvid Rongve⁴, Anne-Marie Bostöm¹,³
¹ Western Norway University of Applied Sciences, Norway, ² Ersta Sköndal Bräcke University College, Sweden, ³ Karolinska Institutet, Sweden, ⁴ Helse-Fonna, Haugesund and Bergen University, Norway

**Combined effect of lower extremity function and cognition on perceived walking ability in old age**
Sini Siltanen, Erja Portegijs, Milla Saajanaho, Taina Poranen-Clark, Anne Viljanen, Merja Rantakokko, Taina Rantanen
University of Jyväskylä, Finland

**Mobility and cognition at admittance to the nursing home**
Karen Sverdrup¹, Sverre Bergh², Geir Selbæk¹, Irene Røen², Øyvind Kirkevold¹, Gro Gujord Tangen¹
¹ Norwegian National Advisory Unit on Ageing and Health, ² Centre for Old Age Psychiatric Research, Innlandet Hospital Trust, Norway

**The register for old age psychiatry (QualAp) - variation in assessment and treatment - does it matter for future planning?**
Maria Barca¹, Lisbeth Dyrendal Høgset¹, Geir Selbæk¹, Bernhard Lorentzen², Maria Barca¹, Maria Korsnes³, Eirik Auning⁴
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P203  Consequences of pain in nursing home residents
Charlotte Griffioen, Jacobijn Gussekloo, Wilco Achterberg, Monique Caljouw
LUMC, The Netherlands

P204  Healthcare services for elderly in municipal acute wards
Anne-Kari Johannessen
NOVA, OsloMet - Oslo Metropolitan University, Norway

P205  Nursing patients with pressure ulcers in Geriatrics
Christina Louise Lindhardt¹, Sanne Beck², Jesper Ryg²
¹ Clinical Institute, University of Southern Denmark, ² Odense University Hospital, Denmark

P206  Nursing Students experiences of medication administration errors in elderly care
Sirkku Säätelä
Novia University of Applied Sciences, Finland

P207  Insights on matches and mismatches between nurses and older adults in a health promotion setting
Anne Esther Marcus-Varwijk¹, Dónya Madjdian², Emely de Vet², Monique Mensen¹, Tommy Visscher¹, Adelita Ranchor³, Joris Slaets³.⁴, Carolien Smits¹
¹ Windesheim University of Applied Sciences and University of Groningen, The Netherlands,
² Wageningen University, The Netherlands, ³ University of Groningen, University Medical Centre of Groningen, The Netherlands, ⁴ Leyden Academy on Vitality and, The Netherlands

P208  Predictors of physical and leisure activities in residential aged care facilities: U-Age Swenis study
Muhammad Aziz Rahman¹, Qarin Lood¹, Anders Sköldunger², Annica Backman², Karin Sjögren², Per-Olof Sandman², Sabine Björk², Hugo Lövheim², Ewan McDonald¹, David Edvardsson¹
¹ Austin Clinical School of Nursing, La Trobe University, Australia, ² Umeå University, Sweden

P209  Joy of life in nursing homes: A qualitative study of what constitutes the essence of joy of life in
Eva Rinnan¹ Beate Andre¹, Jorun Drageset², Helge Garåsen¹, Geir Arild Espnes¹, Gerill Haugan¹
¹ NTNU Norwegian University of Science and Technology, Norway,
² Centre for Elderly and Nursing Home Medicine, Department of Global Public Health and Primary Care, Norway
Housing-related control beliefs in the association of housing accessibility and daily activities
Giedre Gefenaite\textsuperscript{1}, Jonas Björk\textsuperscript{2}, Steven M. Schmidt\textsuperscript{1}, Björn Slaug\textsuperscript{1}, Susanne Iwarsson\textsuperscript{2}
\textsuperscript{1} Lund University, Lund, Sweden, \textsuperscript{2} Skåne University Hospital, Sweden

Trends in the use of care among people with cognitive impairment in The Netherlands
Mari Aaltonen\textsuperscript{1}, Jani Raitanen\textsuperscript{1}, Hannie Comijs\textsuperscript{2}, Marjolein Broese van Groenou\textsuperscript{3}
\textsuperscript{1} University of Tampere, Finland, \textsuperscript{2} Amsterdam Public Health Research Institute, VUMC Amsterdam and GGZ inGeest, The Netherlands, \textsuperscript{3} VU University Amsterdam, The Netherlands

Moderating Effects of Adaptive Coping on the Relationship Between Perceived Caregiving Burden and Quality of Life
Xichenhui Qiu\textsuperscript{1}, WH Sit SIT\textsuperscript{1}, Kai Chow Choi\textsuperscript{1}, Haixia Feng\textsuperscript{2}
\textsuperscript{1} The Chinese University of Hong Kong, \textsuperscript{2} ZhongDa Hospital, China

Intervention study on the effect of integrated care among the older population
Janne Agerholm, Bo Burström, Pär Schön, Nicola Orsini
Karolinska institutet, Sweden

Relationship between cognitive performance and mobility over the life-course
Taina Poranen-Clark\textsuperscript{1}, Mikaela B von Bonsdorff\textsuperscript{1}, Merja Rantakokko\textsuperscript{1}, Erja Portegijs\textsuperscript{1}, Anne Viljanen\textsuperscript{1}, Johan G Eriksson\textsuperscript{2}, Taina Rantanen\textsuperscript{1}
\textsuperscript{1} University of Jyväskylä, Finland, \textsuperscript{2} University of Helsinki, Finland

Loneliness and objectively measured physical capability in middle-aged adults
Rikke Lund
University of Copenhagen, Denmark

Risk Profiles for Care Dependency - a German Cohort Study Examining Predictors of Care Dependency
Stefan Blueher, Susanne Schnitzer, Adelheid KuhlmeY
Charité Universitätsmedizin Berlin, Germany
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P217  **Nurses’ feelings and thoughts about older residents’ psychological care in long-term care facilities**
Yeu-Hui Chuang
School of Nursing, Taipei Medical University, Taiwan

P218  **Creating a magnet nursing home: practice outcomes from international research collaboration**
David Edvardsson¹, Peter Birkett², Andrea Dunlop²
¹ La Trobe University, Australia, ² Hesse Rural Health Service, Australia

P219  **Factors associated with social activities in nursing homes**
Qarin Lood¹, Qarin Lood¹, Sabine Björk², Anders Sköldunger², Annica Backman², Karin Sjögren², David Edvardsson³
¹ University of Gothenburg, Sweden, ² Umeå University, Sweden, ³ La Trobe University, Australia
*Moved to Thursday*

P220  **Immediate effects of yoga on psychological distress in people with Parkinson’s disease: a randomized controlled trial**
JoJo Yan Yan Kwok¹, Jackie Cheuk Yin Kwan², Man Auyeung³, Vincent Chung Tong Mok¹, Helen Yue Lai Chan¹, Claire Ka Yee Lau¹
¹ The Chinese University of Hong Kong, ² The Hong Kong Society for Rehabilitation, ³ Pamela Youde Nethersole Eastern Hospital, Hong Kong

P221  **Modified Early Warning Score (MEWS) - Nurses’ experiences with use of MEWS in homecare services**
Line Ek Andreassen, Bjørg Th. Landmark
Centre for Development of Institutional and Home Care Services, Norway

P222  **Experiences from a pre-operative comprehensive geriatric assessment (CGA) before colon cancer surger**
Elin Engh, Anette Hylén Ranhoff
Diakonhjemmet Hospital, Norway

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VID Specialized University, Norway

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Britta Hørdam, Anne-Katrine Mathiassen
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Sanne Beck¹, Helle Petersen, Jette Wensien¹, Christina Louise Lindhardt²
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Alice Chong
City University of Hong Kong

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Margret Gudnadóttir², Kristin Bjornsdóttir¹, Sigridur Jonsdóttir²
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Nanyang Technological University, Singapore

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Katarina Andersson¹, Maria Sjölund²
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Annika Taghizadeh Larsson¹, Stina Johansson²
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Shima Nazari¹, Monir Mazaheri², Alireza Namazi Shabestari¹, Leila Sadeghmoghadam³, Akram Farhadi⁴
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University of Gothenburg, Sweden

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Jeju National University Hospital, Republic of Korea

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Arina Urazova, Kristin Wächter, Patrick Winterhalter, Wolfgang Hoehenwarter, Jochen Balbach
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Joanne Brooke
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Kuei-yu Chien, Wei-Gang Chang, Chia-hsin Chen, Wan-chun Wu, Chen Wan-chin
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Ali Darvishpoor Kakhki, Zhila Abedsaeedi, Patricia Davidson
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Marcel Leppée¹, Ivana Prga², Ivana Radman³, Ingrid Kummer⁴
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University of the West of London, UK

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Janet Sluggett¹, Esa YH Chen², Megan Corlis², Sarah Hilmer², Jan Van Emden², Choon Ean Ooi¹, Kim-Huong Nguyen², Tracy Comans², Michelle Hogan², Tessa Caporale³, Susan Edwards⁴, Lyntara Quirke⁵, Allan Patching³, Simon Bell¹

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Tuuli Suominen¹, Johanna Edgren¹, Anu Salpakoski² Marja Arkela³, Mauri Kallinen³, Tomas Cervinka⁴, Timo Rantalainen¹, Ari Heinonen¹, Sarianna Sipilä¹

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Chenyang Li

Nanyang Technological University, Singapore

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Bingyu Li

The University of Hong Kong, Hong Kong

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Hanna Varjakoski

University of Turku, Finland
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College of Medicine, National Cheng Kung University, Taiwan

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Emily Loughlin
Irish Centre for Social Gerontology, National University of Ireland, Galway, Ireland

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Marie Olsen¹, Marie Olsen¹, Lena Dahlberg¹, Anne-Marie Boström², Kevin McKee¹, Camilla Udo¹
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Heli Valokivi
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Michael Van der Elst, Birgitte Schoenmakers, Jan De Lepeleire
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Julia Zelikova
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