

The 12th NO-Age/AD *cum* the 4th Norway-UK Conferences on Ageing and Dementia – a focus on brain resilience

31 August – 1 September 2026

On-line zoom with free registration [here](#)

Room: Domus Medica, Auditorium L-200

Address: Sognsvannsveien 9, 0372 Oslo, Norway

Organizers:

Evandro F. Fang-Stavem (Oslo, Norway)

Lynne Cox (Oxford, UK)

Richard Siow (KCL, UK)

Dag Årslund (KCL of UK and Stavanger of Norway)

Co-organizers

Linda Bergersen, Jon Storm-Mathisen, Hilde Nilsen (UiO, Norway)

Asgeir Kobro-Flatmoen (NTNU, Norway)

12 July 2026 Version



Welcome message

The ageing population is growing rapidly across the Nordic countries and beyond, leading to increased healthcare and socioeconomic challenges. Ageing is the primary risk factor for many diseases, including neurodegenerative diseases such as Alzheimer's disease (AD). Our understanding of the molecular mechanisms underlying brain ageing and neurodegeneration remains limited. Norway and the UK have a long-standing tradition in scientific collaborations, especially in the neuroscience area. To address this critical knowledge gap, the Norway-UK Meetings on Ageing and Dementia will provide a dedicated space for researchers to discuss cutting-edge advancements in ageing and dementia, fostering collaboration across disciplines.

Held in Norway and the UK, the meeting series will bring together leaders in the fields to explore key topics, including molecular mechanisms of ageing, multi-omics approaches, artificial intelligence applications, neurodegeneration, and translational drug development. Speakers are leaders in these fields around the world! The meeting series will also strongly support young researchers by reserving space for short talks and a poster session, ensuring the next generation of scientists to play active roles in advancing the field. By facilitating interdisciplinary discussions and collaborations, we aim to drive innovation towards a future of healthy ageing and improved treatments for age-related diseases.

This 4th Norway-UK meeting on ageing and dementia will be focused on brain resilience, in addition to cover other related topics. We thank our platinum sponsor(s) NYO3 (Norway).

Evandro F. Fang-Stavem (University of Oslo, Norway)

Lynne Cox (University of Oxford, UK)

Richard Siow (King's College London, UK)

Dag Årslund (KCI of UK and Stavanger of Norway)



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31 August – 1 September 2026

Venue: Domus Medica, Auditorium L-200 (Address: Sognsvannsveien 9, 0372 Oslo), University of Oslo, Norway

Organizers: Evandro F. Fang (Oslo, Norway), Lynne Cox (Oxford, UK), Richard Siow (KCL, UK), Dag Årslund (KCL, UK)

On-site and zoom (zoom registration). All welcome, registration free and mandatory

NO-Age/AD



UiO



Ole Petter Ottersen
UiO, Norway

David C. Rubinsztein
Cambridge, UK

Linda H. Bergersen
UiO, Norway

Harald Stenmark
UiO, Norway

Mathias Toft
OUS/UiO, Norway

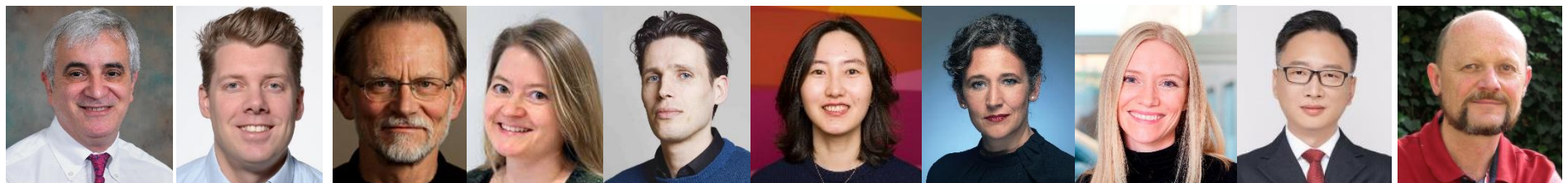
Tormod Fladby
Ahus, Norway

Kristine B. Walhovd
UiO, Norway

Sebastien Thuaud
Nature Ageing

Jens Pahnke
UiO, Norway

Luis Hortells
UiT, Norway



Luigi Ferrucci
NIA, USA

M. Scheibye-Knudsen
Copenhagen, Denmark

J. Storm-Mathisen
UiO, Norway

Hilde Nilsen
UiO, Norway

Mirre Simons
U. Sheffield, UK

He-Ling WANG
UiO, Norway

Andrea Maier
U. Singapore

Johanne E Rinholm
UiO, Norway

Guobing Chen
Ji-Nan, China

Istvan Krizbai
BRC, Hungary



Hanne F. Harbo
UiO, Norway

Sofie Lautrup
UiO, Norway

Per Nilsson
Karolinska, Sweden

A. Kibro-Flatmoen
NTNU, Norway

Beatriz E. Doncel
Ahus, Norway

Johannes Frank
Ahus, Norway

Geir Selbæk
UiO, Norway

Dag Årslund
KCI/Stavanger

M. Nedergaard
Copenhagen, DK

N. Montaldo
UiO, Norway

H.X. SU
Macau, China



Lynne Cox
Oxford, UK

Masud Husain
Oxford, UK

Giovanna Mallucci
Altos Labs,
Cambridge Institute of Science

Martin Vyhnaček
Charles U., CZ

Katerina Veverova
Charles U., CZ

Gregory Moore
Penn State., USA

Gill Livingston
UCL, UK

Wei Yang
KCL, UK

Evandro F. Fang
UiO/Ahus, Norway



Pictures: designated institutions

DAY 1 - Monday 31 August 2026

08:00-08:15	Welcome speech by Dean of the UiO Medical Faculty Prof. Dr. Hanne F. Harbo Opening speech by Prof. Dr. Ole Petter Ottersen on behalf of the Norwegian ageing and brain societies
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PART 1: Mechanisms of dementia and other brain diseases (part I)

Chairs: Profs. Maiken Nedergaard (Copenhagen, Denmark) and Jon Storm-Mathisen (UiO)

08:15-08:45	David C. Rubinsztein (Cambridge, UK)	Mechanisms of neurodegenerative diseases (tentative)
08:45-09:15	Per Nilsson (KI, Sweden)	Compromised autophagy contributes to dementia (tentative)
09:15-09:45	Harald Stenmark (UiO, Norway)	Regulation of lysosomal homeostasis and its linkage to brain protection (tentative)

09:45-10:00	Break
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Chairs: Profs. Masud Husain (Oxford) and Geir Selbæk (UiO)

10:00-10:30 (Young Scientists session)	He-Ling Wang (UiO, Norway) Nicola Pietro Montaldo (UiO, Norway) Luis Hortells (UIT, Norway)	APOE4 and AD (WANG) Mitochondrial DNA Repair: A Key to Preventing Brain Battery Failure in Parkinson's Disease (Montaldo) Tromsø research initiative on Ageing (TriAGE): Throwing northern light on neuromuscular ageing mechanisms (Hortells)
10:30-11:00	Asgeir Kibro-Flatmoen (NTNU, Norway)	The anatomic original of Alzheimer's disease focusing on the entorhinal cortex (tentative)
11:00-11:30	Jens Pahnke (UiO)	ABC transporter BBB function in neurodegenerative and neuroinflammatory diseases (tentative)
11:30-12:00	Giovanna Mallucci (Cambridge, UK)	Mechanisms of prion diseases (tentative)
12:00-13:00	Lunch + Poster session	
13:00-13:30	Norwegian culture 01 (clothes) + group photo	

PART 2: Ageing and dementia

Chairs: Profs. Linda Bergersen (UiO) and Andrea Maier (NUS, Singapore)

13:30-14:00	Luigi Ferrucci (NIA)	Ageing and diseases (tentative)
14:00-14:30	Guobing Chen (Ji-Nan U)	The ageing immune system and the brain (tentative)
14:30-15:00	Mirre Simons (Sheffield, UK)	Mechanisms of ageing and their applications (tentative)
15:00-15:30	Morten Scheibye-Knudsen (Copenhagen, Denmark)	The Impact of DNA Damage & Lifestyle on Aging & Longevity (tentative)

15:30-16:00	Poster session
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Chairs: Profs. Dag Årsland (KCL and Stavanger) and Sebastien Thuault (Nature Ageing)

16:00-16:30	Kristine B. Walhovd (UiO)	Factors that may change brain volume: ageing, education, exercise, and others (tentative)
16:30-17:00	Dag Årsland (KCL and Stavanger)	The prevalence of dementia in the community (tentative)
17:00-17:30	Istvan Krizbai (BRC, Hungary)	The neurovascular unit in physiological and pathological processes of the brain (tentative)
17:30-18:00	Andrea Maier (NUS, Singapore)	Geroscience: a clinician's perspective (tentative)

19:30-22:00 (invitation only)	Dinner (invitation only): (semi)formal dress code; Restaurant: Brasserie France (Address: Øvre Slottsgate 16, 0157 Oslo) Happy hour (invitation only): Beer in Fridtjof Pub (Address: Fridtjof Nansens plass 7, 0160 Oslo)
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DAY 2 – Tuesday, 01 September 2026

PART 3: Ageing and dementia – perspectives from clinicians and leading journals

Chairs: Mathias Toft (OUS, Norway) and Gregory Moore (Penn State, USA)

08:00-08:30	Gill Livingston (UCL, UK)	The Lancet commission: a guideline on dementia control (tentative)
08:30-09:00	Geir Selbæk (UiO)	The HUNT cohort for dementia studies (tentative)
09:00-09:30	Huanxing Su (Macau)	Mechanisms and potential drug development against ALS
09:30-10:00	Martin Vyhňálek + Katerina Veverová (Prague, CZ)	Clinical applications of autophagy proteins in dementia (tentative)
10:00-10:15	Break	

Chairs: Luigi Ferrucci (NIA) and Hilde Nilsen (UiO, Norway)

10:15-10:45	Mathias Toft (OUS, Norway)	Parkinson’s disease
10:45-11:15	Tormod Fladby (Ahus, UiO, Norway)	Biomarkers of Alzheimer’s disease
11:15-11:45	Masud Husain (Oxford)	When the Spark Goes Out - The Neurology of Apathy (tentative)
11:45-12:15	Sebastien Thuaud (Editor-in-Chief, Nature Ageing) Masud Husain (Editor-in-Chief, Brain)	How to write good scientific papers
12:15-13:00	Lunch	
13:00-13:30	Norwegian culture 02 (music show)	

PART 4: Facing up to the global challenges of ageing and dementia: interventions and policies

Chairs: Gill Livingston (UCL, UK) and Giovanna Mallucci (Altos Labs and Cambridge)

13:30-14:00 (Young Scientists session)	Beatriz Escobar Doncel (Ahus and UiO, Norway) Johannes Frank (Ahus and UiO, Norway) Johanne E Rinholm (UiO, Norway)	Maintaining mitochondrial homeostasis and M6A in slowing down AD (Escobar-Doncel) Targeting on ferroptosis and lipid damage to forestall AD (Frank) Using human organoids to model ischemic brain injury (Rinholm)
14:00-14:30	Gregory Moore (Penn State., USA)	AI, Data Sharing and the Acceleration of Alzheimer’s Disease Discovery, Prevention and Treatment.
14:30-15:00	Wei Yang (KCL, UK)	Using data science to understand care pathways for people with cognitive impairments
15:00-15:30	Maiken Nedergaard (Copenhagen, Denmark)	The glymphatic system in maintaining brain cleanness (tentative)
15:30-15:40	Poster Awards (3 awards: certificate) Chaired by Prof. David Rubinsztein with committee members	
15:40-15:45	Closing speech by the organizers	
15:45-19:00	Local hiking (led by Dr. Sofie Lautrup) –to book a bus	
20:00-23:00	Dinner (invitation only)	Restaurant: Engebret Café (Address: Bankplassen 1, 0151 Oslo)

Organizers



Evandro F. Fang
UiO/Ahus, Norway

Dr. Evandro Fei Fang is a molecular gerontologist whose research focuses on understanding the molecular mechanisms of human ageing and age-related diseases. His team uses bench-top knowledge to guide the development of novel interventional strategies towards human ageing, with a final goal of improving the quality of life in all older people. After finishing his PhD at the Chinese University of Hong Kong, he completed a 6-year postdoc with Prof. Vilhelm Bohr on molecular gerontology and Prof. Mark Mattson on neuronal resilience in Alzheimer's disease at the National Institute on Ageing, Baltimore; he opened his lab in Oslo in the fall of 2017. He is the founding (co)coordinator of the Norwegian Centre on Healthy Ageing network (NO-Age, www.noage100.com), the Norwegian National anti-Alzheimer's disease Network (NO-AD, www.noad100.com), and the Hong Kong-Nordic Research Network.



Lynne Cox
Oxford, UK

Lynne Cox heads the lab of Ageing and Cell Senescence at the University of Oxford. She studied at the University of Cambridge (MA, PhD) and held a Royal Society of Edinburgh fellowship at the University of Dundee, developing initial IP for spin-out Cyclacel. She has served on the UK's All Party Parliamentary Group for Longevity, co-authoring 'Health of the Nation – a strategy for healthier longer lives' launched in 2020 by the UK Secretary of State for Health and Social Care. She is a recipient of the US Glenn Award for research on ageing, and the British Society for Research on Ageing Lord Cohen medal for contributions to ageing science. She co-chairs the European Geriatric Medicine Society Ageing Biology group, co-directs the UK Ageing Research Networks and is Program Director of Dynamic Resilience, a \$60m global healthy longevity program funded by Wellcome Leap and Temasek Trust.



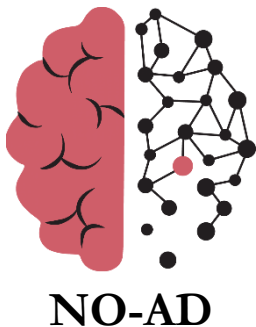
Richard Siow
KCL, UK

Richard is a graduate of King's College London (BSc Nutrition, PhD Cardiovascular Physiology) and followed his degrees with postdoctoral research in the Department of Medicine, University of Cambridge. Since 2015 he has been the Director of Ageing Research at King's (ARK), a cross-university consortium of researchers taking a multidisciplinary approach to better understand the mechanisms of ageing, improving health-span and the social and economic impact of ageing. He is currently a visiting senior academic in the University of Oxford. He is the Secretary General of the European Society of Preventive Medicine. His research team focuses on the role of nutrigenomics and ageing on redox signalling in cardiovascular and cerebrovascular health and disease.



Dag Årslund
KCL/Stavanger

Prof. Dag Årslund is a Professor and Department Head at the Department of Old Age Psychiatry, Institute of Psychiatry, Psychology, and Neuroscience at King's College London. His research takes in a wide range of topics within neuropsychiatry, including Parkinson's disease and dementia with Lewy bodies; he has been a member of many international collaborations in these areas. He was key in the development of the "Parkinson-spectrum Memory Clinic" for patients with PD and Lewy body dementia at the South London and Maudsley NHS Foundation Trust. Årslund is a prolific author and a popular lecturer in his field at international scientific conferences.



Music Performance

01 Sep. 2026

13:00-13:30

Domus Medica, Auditorium L-200
Sognsvannsveien 9, 0372 Oslo, Norway
FREE attendance

Sigurd



Daniel

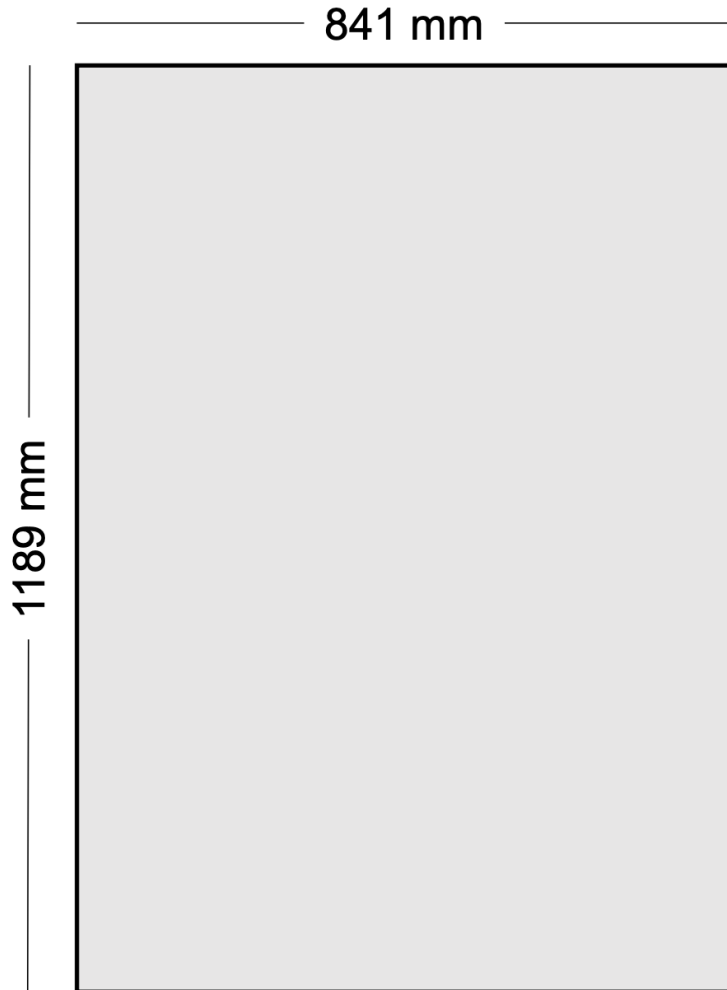


Leon

Photos: private



Poster



How to format your poster:

- ☐ Size: Posters should be no larger than A0 size (841 x 1189 mm), in portrait format
- ☐ On main area of the poster, include a reproduction of your abstract with the following headings (which should be in 40 pt font):
 - Introduction
 - Methods
 - Results
 - Conclusions
 - References
 - Discussion (optional)
- ☐ Recommended fonts are Arial, Calibri, Century Gothic, Geneva, ad Helvetica (San serif fonts)

Welcome to present posters in our meetings ([template of posters in page 13](#)), with best presenters selected with a travel award).

Acknowledgements

The NO-Age and NO-AD Seminar Series



U. of
Oslo



U. of
Copenhagen



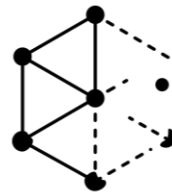
香港中文大學

Chinese U. of
Hong Kong

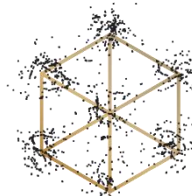


NTNU

Norwegian U. of
Science and Technology



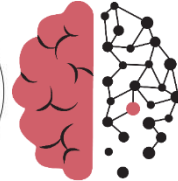
K.G. Jebsen Centre for
Alzheimer's Disease



Kavli Institute for
Systems Neuroscience



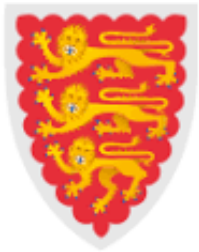
NO-Age



NO-AD



MIT-AD



Oriel College
University of Oxford

NYO3®

HK'INI

香港生物科學研究所
HK LONGEVITY
SCIENCE LABORATORY



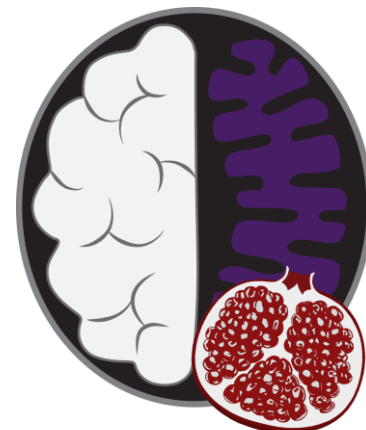
AGE LAB



M E T A
STAR



Gates
Ventures



MitAD

From the Oslo airport to Thon Cecil (or Thon Bristol)

6:00AM - 6:37AM
(37 min)

 FLY1  R12  RE10  RE11 > 

6:03 AM from Oslo lufthavn stasjon
10 min every 5 min

 [Add to Calendar](#)

6:00 AM  **Oslo Airport**
Edvard Munchs veg, 2061 Gardermoen

 Walk
About 3 min, 210 m

6:03 AM  **Oslo lufthavn stasjon**

  RE10 Drammen
27 min (3 stops) · Platform 4

6:30 AM  **Nationaltheatret stasjon**

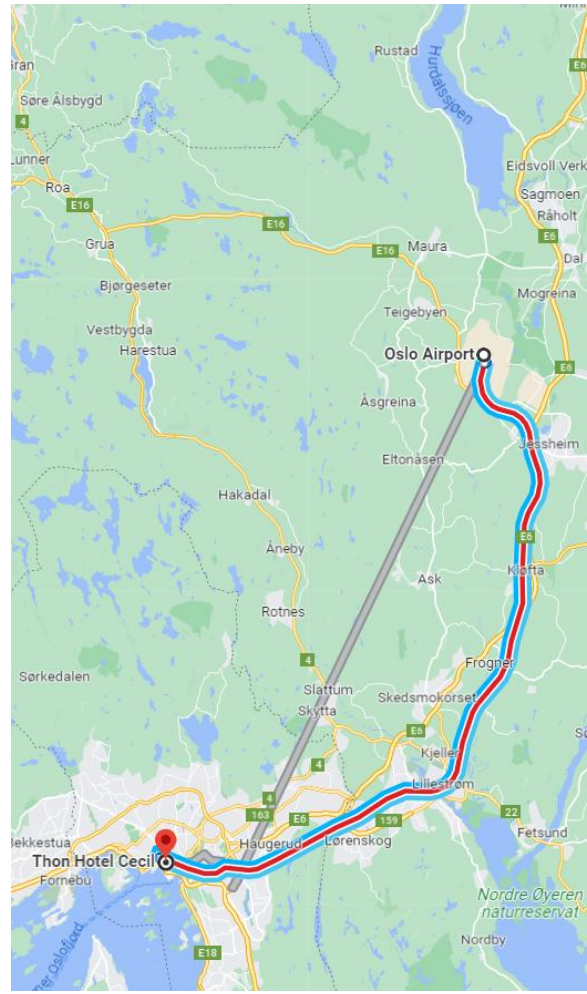
 Walk
About 7 min, 550 m

6:37 AM  **Thon Hotel Cecil**
Stortingsgata 8, 0161 Oslo

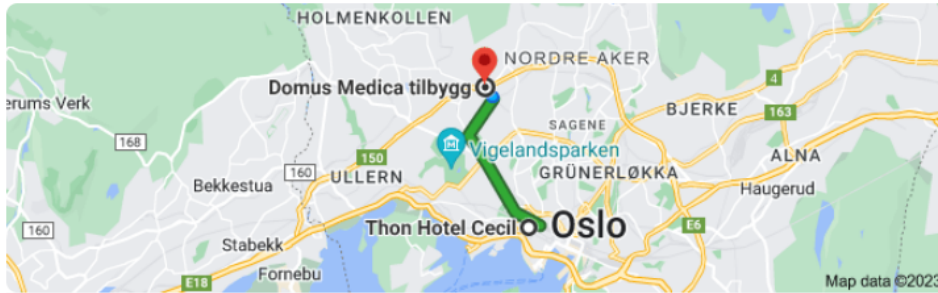
Tickets and information
Vy - 61 05 19 10

You can take either the Express train (FLYTOGET) or the normal train (VY company) to the direction of 'Oslo S', then drop at 'National Theatre' (Nationaltheatret stasjon)

Buy the tickets yourself, then get reimbursed



From hotel to the conference room (Domus Medica, Auditorium L-200)

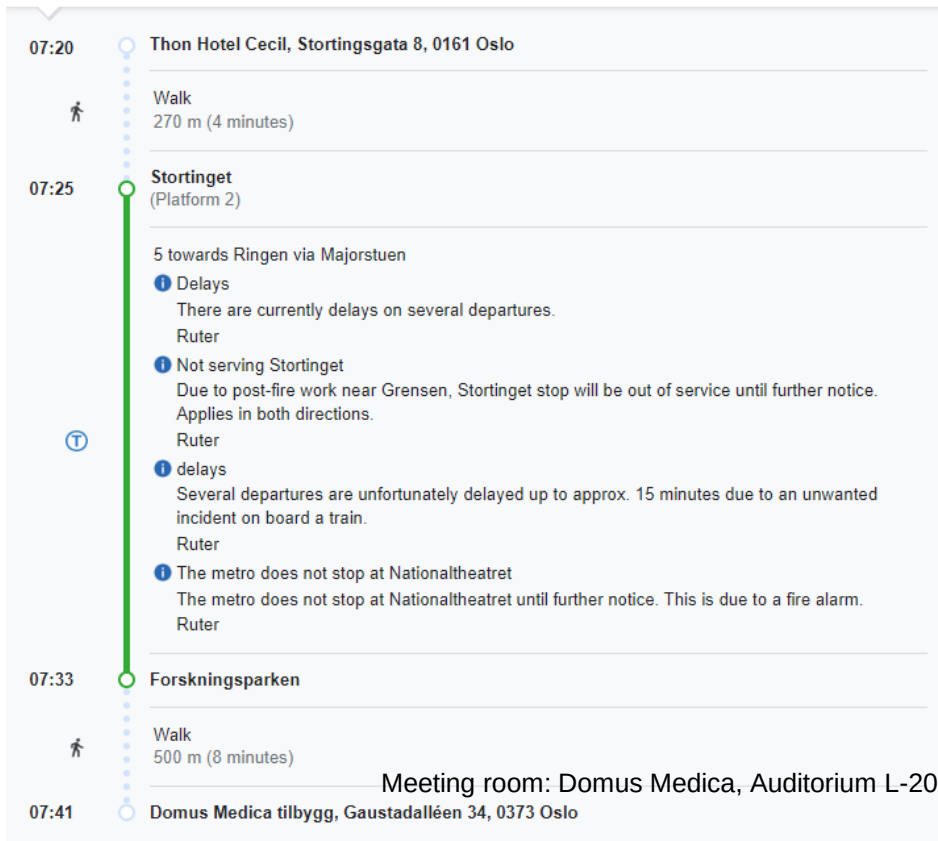


🕒 depart at 9/14/23 07:20

07:20 - 07:41 🚶 ➡ 🚇 ➡ 🚶

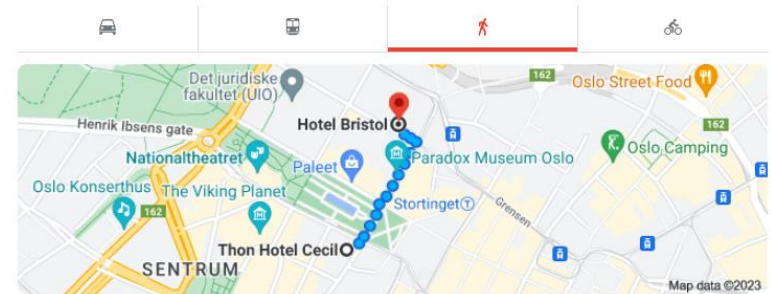
07:25 from Stortinget

20 min



📍 Thon Hotel Cecil, Stortingsgata 8, 0161 Oslo

📍 Hotel Bristol, Kristian IVs gate 7, 0164 Oslo



4 min (300.0 m) via Rosenkrantz' gate



Fang lab colleagues (**below**) will be meeting you at 7:10 in the Thon Cecil hotel to escort you to the conference centre.

We will provide you bus tickets.

As the meeting will be started at 8 am in sharp on both day 1 and day 2, we do hope we all could keep in time. Thank you very much.



Janet Zhang



He-Ling Wang



Tomás S.-Medina



Junping Pan



Hanne F. Harbo
UiO, Norway

Hanne F Harbo is the 1st female dean of Medicine at the University of Oslo (UiO). She has a medical degree from UiO from 1988 and is a specialist in neurology from 1997. Since her PhD in multiple sclerosis (MS) genetics in 2003, she has worked as the leader of the MS research group at Oslo University Hospital as well as a consultant with a special focus on MS, and is from 2010 a professor of neurology at UiO. She was the Head of Department of Neurology at Oslo University Hospital, as well as deputy head of the MS Research Group. She has been a member of several international committees related to neurogenetic- and MS research and acts currently as member of the governance group the Norwegian Brain Council and of the International MS Genetics Consortium (IMSGC) and is member of the ECTRIMS council.



Ole Petter Ottersen
UiO, Norway

Ole Petter Ottersen is a highly accomplished professor of medicine at UiO, holding numerous leadership roles throughout his career. He was past president (rector) of the UiO (Norway) and Karolinska Institutet (Sweden). He has been involved in various academic and research initiatives, both nationally and internationally, and has contributed significantly to the field of neuroscience. With extensive teaching experience, Ottersen has prioritized study quality, internationalization, innovation, and communication. He has received prestigious awards and holds honorary doctorates from esteemed institutions. His scholarly work has made a significant impact, with a high citation count and an h-factor of 119.



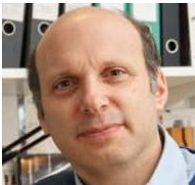
Maiken Nedergaard
Copenhagen, DK

Maiken Nedergaard is a prominent Danish neuroscientist best known for her discovery of the glymphatic system—the brain's unique waste-clearing mechanism that operates primarily during sleep. She is a leading figure in glial cell biology and uncovers how brain cells, particularly astrocytes, impact human health and neurological disorders. She is dean's professor and co-director of the Center for Translational Neuromedicine at the University of Rochester Medical Center and a professor of glial cell biology at the Center for Neuroscience at the University of Copenhagen. Nedergaard is an elected member of the Royal Danish Academy of Sciences and Letters, the Royal Academy of Pharmacy of Spain, and Academia Europaea. In 2015 she received the Newcomb Cleveland Prize from the American Association for the Advancement of Science and the Alzheimer Prize in Denmark.



J. Storm-Mathisen
UiO, Norway

Prof. Jon Storm-Mathisen is a Norwegian brain researcher and is professor emeritus of medicine at the University of Oslo. Retiring officially in 2011, Storm-Mathisen was previously deputy head of the Center for Molecular Biology and Neuroscience. He received the Anders Jahres medical prize in 2006 for his pioneering research on signaling substances in the brain. He received UiO's research prize in 2004. He was also awarded the Nansen Medal and the Lundbeck Prize, and elected member of the Norwegian Academy of Science and Letters. He chaired the inaugural Kavli Prize Committee for Neuroscience.



David C. Rubinsztein
Cambridge, UK

David Rubinsztein FRS FMedSci is Professor of Molecular Neurogenetics and a UK Dementia Research Institute Group Leader at the University of Cambridge. His research is focused in the field of autophagy, particularly in the context of neurodegenerative diseases. His laboratory pioneered the strategy of autophagy upregulation as a possible therapeutic approach in various neurodegenerative diseases, and has identified drugs and novel pathways that may be exploited for this objective. He has made contributions that reveal the relevance of autophagy defects as a disease mechanism and to the basic cell biology of this important catabolic process.



Per Nilsson
KI, Sweden

Associate Professor, Vice Head of the Division of Neurogeriatrics, Department of Neurobiology, Care Sciences and Society, Karolinska Institutet, Sweden. He is an associate professor in neurobiology, and his lab focuses on preclinical Alzheimer's research with the aim of investigating the molecular underpinnings of disease mechanisms to identify novel therapeutic strategies. They focus on autophagy as a key cellular clearance mechanism in the brain involved in both amyloid beta and tau metabolism, and we believe that autophagy may be the link between these two key pathological events.



Harald Stenmark
UiO, Norway

Harald Alfred Stenmark (born 1960) is a Norwegian cancer researcher and cell biologist, known for his studies of the molecular mechanisms that cause normal cells to develop into cancer cells. Since 2018, he has been the head of the Center for Cancer Cell Reprogramming, a Center of Excellence at the University of Oslo (UiO). An early discovery from Stenmark's own research group has proven to be of great importance for our understanding of how cytosolic proteins are recruited to the cell's inner membranes. His research has received international recognition, including awards of King Olav Vs Cancer Research Prize 2014, The Research Council of Norway's award for outstanding research 2015, Fridtjof Nansen Award for Outstanding Research 2021, and Anders Jahre Medical Prize 2022 (main prize).



Masud Husain
Oxford, UK

Masud Husain is Professor of Neurology & Cognitive Neuroscience at the University of Oxford and Editor-in-Chief of Brain. Masud studied Medicine at Oxford and was a Harkness postdoctoral Fellow at MIT. He subsequently held positions at Imperial College London and became Professor of Neurology at the Institute of Neurology, UCL and the National Hospital for Neurology & Neurosurgery London, and Deputy Director of the Institute of Cognitive Neuroscience, UCL. He moved to Oxford in 2012, where he leads a research group which studies motivation, decision-making and memory in healthy people and patients with brain disorders.



Geir Selbæk
UiO, Norway

Prof. Geir Selbæk is a leading researcher in aging and dementia at the Norwegian National Advisory Unit on Ageing and Health. His research focuses on understanding the relationship between lifestyle factors and dementia risk. He is also a professor of geriatric medicine at the University of Oslo. He is a co-author of the Lancet commission on dementia.



He-Ling Wang
UiO, Norway

He-Ling Wang holds a Bachelor's degree in Medicine and a Masters degree in Oral Medicine from Jilin University, China. During her Masters, she completed a one-year internship program at Okayama University, Japan. In the Fang lab at UiO, she is focusing on mechanistic studies of AD, with focus on ApoE4, NAD⁺, and autophag. She is also working on microbiota and AD to address related questions. Wang had her oral defense (viva voce) entitled 'Pharmacological and behavioural interventions to slow down Alzheimer's disease: Focusing on mitochondrial quality control at molecular level' on 20 Nov. 2024. She was the 2025 recipient of the prestigious nasjonalforeningen for folkehelsen postdoc fellowship. She has publications in Nature Ageing and Nature Biomedical Engineering etc.



Nicola Montaldo
UiO, Norway

Dr. Nicola Pietro Montaldo is a Researcher and Group Leader at the University of Oslo (UiO) and Oslo University Hospital (OUS). His research centers on the molecular interplay between DNA integrity, transcriptional regulation, and mitochondrial function in cancer and Parkinson's disease (PD) models. His group investigates how defects in mitonuclear DNA maintenance and transcriptional control impact mitochondrial homeostasis, cellular metabolism, and stress response pathways. A major focus is selective neuronal vulnerability in PD. Using advanced molecular and cellular approaches, his laboratory aims to dissect mechanisms linking genome instability to mitochondrial dysfunction.



Luis Hortells
UiT, Norway

Luis Hortells is an Associate Professor of Medical Biology at the Faculty of Health of the University of Tromsø, Norway. Luis obtained his PhD from the University of Zaragoza (Spain) and continued his research career as a postdoctoral fellow at the University of Pittsburgh (USA) and Cincinnati Childrens Hospital (USA). He started his research group working as senior scientist at the University of Freiburg (Germany). Currently, Luis studies cardiac pathology and aging of the peripheral nervous system, merging genetics, transcriptomics, cell-cell interaction, and whole-organ studies. Luis is a founding member and speaker of TriAGE (Tromsø research initiative on Ageing).



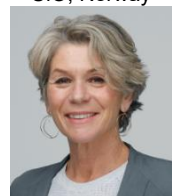
Asgeir Kibro-Flatmoen
NTNU, Norway

Asgeir Kibro-Flatmoen holds a PhD in Neuroscience on the topic of Alzheimer's disease cell-specific vulnerability, from the Kavli Institute for Systems Neuroscience. He is a researcher and co-leader of the K.G. Jebsen Center for Alzheimer's Disease (NTNU). He is interested in brain function and malfunction and has a particular interest in neurodegeneration. His main focus concerns the how and why Alzheimer's disease develops, a disease known to heavily target the medial temporal lobe memory system and in particular the entorhinal cortex. His lab uses animal models and cell culture models to address related questions. In addition, he works with human brain tissue such that I can relate findings made in models back to the human brain.



Jens Pahnke
UiO, Norway

Jens Pahnke is the professor in UiO. His research focusses on basic molecular mechanisms and new treatment options for neurodegenerative diseases with special emphasis on Alzheimer's disease. They investigate clearance mechanisms of toxic peptides via the blood-brain barrier, new imaging techniques, mitochondrial function, and neuroimmunological mechanisms. His lab's work also includes Parkinson's, Huntington's, ALS and other proteopathies of the brain.



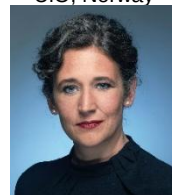
Giovanna Mallucci
Cambridge & Altos

Professor Giovanna Mallucci is a Founding Principal Investigator at Altos Labs, Cambridge Institute of Science, Cambridge, UK. She was previously Center Director of the UK Dementia Research Institute and van Geest Professor of Clinical Neurosciences at the University of Cambridge. Her lab pioneered the understanding of the role of the Unfolded Protein Response (UPR) in neurodegenerative diseases and its therapeutic manipulation for neuroprotection, including discovering repurposable drugs now in clinical trials. Her interest in neuroprotection led to the discovery of 'hibernation' proteins in synapse regeneration that can be targeted therapeutically to prevent neurodegeneration. She is a Fellow of the Academy of Medical Sciences and recipient of the 2021 Potamkin Prize for Research in Pick's, Alzheimer's and Related Disorders. In March 2025 she was awarded an Honorary Doctorate (Dr. Honoris Causa) by the Sorbonne University in Paris. Giovanna is a practicing neurologist, specialized in dementia.



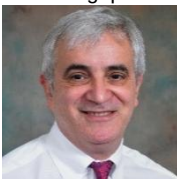
Linda H. Bergersen
UiO, Norway

The research group of Dr. Linda Bergersen investigates the role of lactate in pathogenic brain as we age. Dr. Bergersen obtained her PhD from the University of Oslo, and she is now a professor at the University of Oslo, holding multiple roles, including Head of Electron Microscopy Laboratory and Leader of the Brain and Muscle Energy Group, Institute of Oral Biology (IOB), Department of Oral Biology (UiO), Professor in Physiology at the Faculty of Dentistry (UiO), and Professor of Neurobiology of Aging at the Center of Healthy Aging (CEHA), University of Copenhagen, Denmark.



Andrea Maier
U. Singapore

Professor Andrea Maier is a leading physician-scientist and global authority in geroscience, internal medicine, and geriatrics. Currently holding the Oon Chiew Seng Professorship in Medicine at the National University of Singapore, she is the founding president of the Healthy Longevity Medicine Society and co-founded Asia's first evidence-based precision geromedicine clinic, Chi Longevity. She specializes in internal medicine and geriatrics, focusing her research on unraveling the biology of aging and transforming it into clinical practice to extend healthspan. She is the co-director of the NUS Centre for Healthy Longevity and established the NUS Academy for Healthy Longevity in 2023. With over 500 peer-reviewed articles to her name, she is highly regarded for her work on sarcopenia, cellular senescence, and precision geromedicine.



Luigi Ferrucci
NIA, USA

Dr. Luigi Ferrucci is a geriatrician and an epidemiologist who conducts research on the causal pathways leading to progressive physical and cognitive decline in older persons. In September 2002, he became the Chief of the Longitudinal Studies Section at NIA and the Director of the Baltimore Longitudinal Study on Aging. Dr. Ferrucci has made major contributions in the design of many epidemiological studies conducted in the U.S. and in Europe, including the European Longitudinal Study on Aging, the "ICare Dicomano Study," the AKEA study of Centenarians in Sardinia and the Women's Health and Aging Study. Dr. Ferrucci is Scientific Director, NIA since May 2011.



Guobing Chen
Ji-Nan, China

Dr. Guobing CHEN is the Dean of the Faculty of Medicine, Ji-Nan University, Guangzhou, China. He had a postdoc training in NIA on immune ageing. He has a broad background in Immunology, with specific training and expertise in T cell development, differentiation, immunological function, memory formation and clinical application and geriatric immunology. His lab work has laid the groundwork for the proposed research by developing effective measures of multi-omics and antigen specific TCR repertoires analysis during aging and frail elderly, and by established strong ties between TCR diversity regeneration and T cell immunosenescence. He has many publications, including papers in Nature Ageing and Brain, among others.



Mirre Simons
U. Sheffield, UK

Dr Mirre Simons is a senior lecturer in the University of Sheffield, UK. Taking an evolutionary perspective he works on the adaptive value of differences in ageing between and within species to reveal fundamental aspects of the aging process. The current focus of his lab is on the mechanisms of ageing and modulation by diet. They study demographic ageing, molecular mechanisms of dietary restriction and age-related disease (dementia and cancer). To do this they use the fruit fly, a functional genetics powerhouse. They use a combination of transcriptomics, proteomics and metabolomics to identify candidate mechanisms.



M. Scheibye-Knudsen
Copenhagen, Denmark

Morten Scheibye-Knudsen is an associate Professor in the University of Copenhagen, a leader of ARDD – one of the world's largest annual ageing meeting, and the current president of the Nordic Ageing Society. In the Scheibye-Knudsen lab they try to understand the cellular and organismal consequences of DNA damage with the aim of developing interventions. They have discovered that DNA damage leads to changes in certain metabolites and that replenishment of these molecules may alter the rate of aging in model organisms. These findings suggest that normal aging and age-associated diseases may be malleable to similar interventions. The hope is to develop interventions that will allow everyone to live healthier, happier and more productive lives.



Dag Årslund
KCI/Stavanger

Dr. Aarsland is Professor and the Head of the Department of Old Age Psychiatry at the Institute of Psychiatry, Psychology & Neuroscience, King's College London, UK. He founded and still leads the nationally acclaimed Centre for Age-Related Diseases at Stavanger University Hospital. Professor Aarsland developed and led the European Consortium for Dementia with Lewy bodies (DLB), with more than 25 centers across 13 European countries, with a common database of more than 1,200 DLB patients, and by far the largest DLB sample in the world. He developed a Parkinson-spectrum Memory Clinic focusing on Parkinson's disease and dementia with DLB patients. He plays a central role in the study and subsequent paper that led to the licensing of rivastigmine for Parkinsonian dementia. He has published more than 400 scientific papers and numerous books.



Sebastien Thuault
Nature Ageing

Sebastien Thuault is the Chief Editor of Nature Aging, a peer-reviewed scientific journal that publishes research, reviews and opinion articles on aging and age-related diseases covering the life, health and social sciences. Dr Thuault holds a PhD in neuroscience and has been working in scientific publishing and communication for over 15 years. He was formerly an editor at Nature Neuroscience and Nature Communications and launched Nature Aging in 2021.



Kristine B. Walhovd
UiO, Norway

Kristine Beate Walhovd is a professor of neuropsychology at the University of Oslo, Norway, and section leader for the Center for Lifespan Changes in Brain and Cognition (LCBC). Her current research is targeted at understanding the mechanisms underlying different types of change in brain and cognition, and whether and how we ourselves can initiate, enhance or slow them. Throughout life, humans' mental capacities and brains are under continuous alteration: Some changes are part of positive development, others are debilitating. Together with colleagues, Walhovd is trying to uncover markers and mechanisms underlying changes in brain and cognitive behavior throughout the lifespan. In this effort, she and her team are studying persons ranging in age from 0 to 100 yrs. She is very interested in understanding normal cognition and brain-behavior relationships throughout the human lifespan.



Istvan Krizbai
BRC, Hungary

Dr Krizbai is scientific advisor and head of the Neurovascular Unit Research Group at the Biological Research Centre, Szeged, Hungary, honorary professor at the University of Szeged, Hungary and professor at the Vasile Goldis Western University of Arad, Romania. The focus of his research has been the neurovascular unit. By using in vitro, in vivo and ex vivo models of the neurovascular unit, he elucidated the role of important signalling molecules (glutamate, Axl, Src, and ROCK) in cerebral endothelial cells and pericytes. In the past several years, his research group identified the pattern recognition receptors expressed in cerebral endothelial cells and pericytes.



Mathias Toft
OUS/UiO, Norway

Dr. Mathias Toft is a professor of neurology at the University of Oslo and senior consultant at the Department of Neurology at Oslo University Hospital. Dr. Toft completed medical school in 2001 and a PhD in 2007 in Tübingen, Germany. From 2003-2005, he spent two years as a visiting scientist at the Mayo Clinic in Jacksonville, Florida. During this period, Dr. Toft contributed to genetic research on Parkinson's disease (PD), including early studies of mutations in the LRRK2 gene. He is a member of international consortia studying the genetics of movement disorders, including the Comprehensive Unbiased Risk factor Assessment for Genetics and Environment in Parkinson's Disease and the Genetic Epidemiology of Parkinson's Disease. His current research projects focus on mechanisms of PD and the effects of advanced treatments such as deep brain stimulation.



Gregory Moore
Penn State., USA

Professor of Radiology, Neurology, Neurosurgery and Psychiatry, Penn State University College of Medicine; Senior Advisor, Gates Ventures & Alzheimer's Disease Data Initiative (ADDI); Former Corporate Vice President, Microsoft Health & Life Sciences. He is a physician-scientist, neuroradiologist, engineer, and neuroscientist whose research and leadership integrate AI, data science, neuropharmacology and neuroimaging to advance understanding and treatment of neurodegenerative disease and mental illness. As Senior Advisor to Gates Ventures & the Alzheimer's Disease Data Initiative (ADDI), he directs initiatives that apply AI to transform biomedical research, enable global data sharing, and accelerate translational progress in neurodegenerative disease.



Gill Livingston
UCL, UK

Gill Livingston is Professor of Psychiatry of Older People, head of mental health care of older people's research department and deputy director of the Division of Psychiatry, University College London. She is also a consultant psychiatrist working in the memory clinic, Camden & Islington NHS Foundation Trust in the UK. Her research focuses on intervention to help people with dementia and their families. She leads the Lancet Standing Commission on Dementia Prevention, Intervention and Care. She works to the commission's strapline "Acting now on dementia prevention, intervention, and care will vastly improve living and dying for individuals with dementia and their families, and in doing so, will transform the future for society."



H.X. SU
Macau, China

Dr. Su obtained his medical degree (MD) from Zhejiang University, an MPhil from the Chinese University of Hong Kong, and a PhD from the University of Hong Kong. He is currently a Full Professor at the University of Macau. His research primarily focuses on identifying and validating effective pharmacological strategies for the treatment of neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis. Dr. Su has authored nearly 100 peer-reviewed publications as corresponding author in high-impact journals in his discipline. He also serves as an Associate Editor for Aging and Disease. His research continues to integrate multidisciplinary approaches spanning neuropharmacology, molecular neuroscience, and regenerative medicine, aiming to identify safe and effective long-term therapeutics for neurodegenerative and aging-related disorders.



Martin Vyhnálek
Charles U., CZ

Associate Professor Martin Vyhnálek is a cognitive neurologist based in Motol University Hospital, Charles University in Prague, Czech Republic. After his medical studies, he completed a degree in clinical neuropsychology at Montpellier University in France. After returning to Prague, he co-founded the Czech Brain Aging Study – the only Czech longitudinal, observational study on aging and dementia. His research focuses mainly on early cognitive and neuropsychiatric markers of neurodegeneration and the role of subjective cognitive complaints in early AD diagnostics. With Evandro Fang, they are leading a phase II clinical trial on the effect of a mitophagy inducer urolithin A for AD, supported by Alzheimer's Association.



Katerina Veverova
Charles U., CZ

Dr. Katerina Veverova (Cechova) is a cognitive neuroscientist at the Second Faculty of Medicine, Charles University in Prague and University Hospital Motol. In 2021, she completed her Ph.D. focusing on BDNF as a marker of prediction, follow-up, and intervention in neurodegenerative diseases in the Czech Brain Aging Study (www.cbias.cz). She is an Assistant Professor at the Department of Psychology, Charles University, and deputy chairperson of the Neuropsychological section of the Czech-Moravian Psychological Society. Currently, her main research interest is the interaction of biofluid biomarkers of Alzheimer's disease and cognition, with a particular focus on mitophagy as a promising molecular mechanism underlying the pathogenesis of AD (www.mitophagyeu.cz).



Hilde Nilsen
UiO, Norway

Hilde Loge Nilsen is a researcher and professor at the University of Oslo. Her work focuses on studying DNA and RNA quality control mechanisms in human disease, particularly in relation to cancer, aging, and neurodegenerative disorders. With extensive experience and notable contributions in the field, Nilsen investigates the role of DNA repair enzymes and their impact on preventing mutations and maintaining cellular function. Her research also highlights the involvement of DNA repair proteins in RNA quality control. Nilsen's work aims to advance our understanding of tumorigenesis, age-related diseases, and the intricate interplay between DNA and RNA maintenance.



Tormod Fladby
Ahus, Norway

Prof. Tormod Fladby is a professor in the Faculty of Medicine, UiO and the head of the Neurology Department of the Akershus University Hospital. He is a neurologist specializing in Alzheimer's disease biomarkers. His research focuses on understanding how different biomarkers reflect neuronal and immune pathologies in AD. He has co-authored more than 180 papers including papers in Nature, Nature Neuroscience, Alzheimer's and Dementia, among others.



Beatriz E. Doncel
Ahus, Norway

Beatriz got her bachelor degree in "Health Biology" at the University of Alcalá (UAH) in Spain, where she learnt the best of medicine and biology together. She had just finished her MSc in "Therapeutic Targets in Cell Signaling: Research and Development". She is doing a PhD in the Fang lab on mechanisms of ageing and Alzheimer's disease, and is actively involved in the development of drug candidates against Alzheimer's disease and in prompting healthy ageing. In the Fang Lab, she has publications in Brain, NPJ Ageing, Ageing Research Reviews, and Autophagy.



Johannes Frank
Ahus, Norway

Mr. Johannes Frank is a PhD student at the Evandro Fang Lab in UiO. He had his bachelor's degree in Krems and master degree in the University of Vienna, both in Austria. His PhD project covers the molecular mechanisms of brain ageing and Alzheimer's disease focusing on the crosstalk between ferroptosis and compromised autophagy / mitophagy. He uses a cross-species model platform to address these questions, including C. elegans, flies, mice, human brain organoid, as well as human samples (blood and postmortem brain tissues). He has publications in Mech Ageing Dev., Ageing Research Reviews, and Alzheimer's and Dementia.



Johanne E Rinholm
UiO, Norway

Johanne Egge Rinholm is an Associate Professor of Medicine at the University of Oslo studying how the brain responds to metabolic stress and injury. Her work has helped establish lactate as both an energy substrate and signaling molecule in neuron–glia interactions, contributing to a broader understanding of brain metabolism in health and disease. Her current research focuses on developing human stem cell–derived brain organoids as models of cerebral ischemia. By combining molecular approaches and imaging with physiologically relevant human tissue systems, her group investigates mechanisms of injury and recovery and explores new strategies for brain repair, including organoid transplantation.



Wei Yang
KCL, UK

Dr Wei Yang is an Reader (Associate Professor) in Health Economics and Policy and Director of the Institute of Gerontology at King's College London. Her research focuses on the impacts of health and ageing policies on equity and efficiency, using longitudinal and administrative data. She has published widely in leading journals, including Nature Communications, JAMA Network Open, Social Science & Medicine, Health Policy and Planning and Journal of Gerontology, and is a recipient of the ESRC Future Research Leader Award. Wei's work has informed policies in both the UK and China and has been cited by organisations such as the World Health Organization and the World Bank. She has also served as a consultant to international organisations and contributed to public debates through media outlets including the BBC and The Economist. She holds a PhD in Health Economics and Policy from the London School of Economics and Political Science.



Sofie Lautrup
UiO, Norway

Dr. Sofie Lautrup is a researcher and senior postdoc in the Evandro Fang lab at the University of Oslo. She studied the connections between the DNA base excision repair (BER) and cognitive capacity during brain ageing (Aging Cell 2023) with Professor Tinna Stevnsner at Aarhus University, Denmark. She also worked in the laboratory of Dr. Vilhelm A. Bohr at the National Institute on Aging (NIA), Baltimore, USA during her PhD (PNAS, 2018, 2021). In the Fang lab, she is studying how NAD⁺ affects both normal and premature ageing using spatial-OMICS and staining to map the spatio-temporal changes of mitophagy and beyond in the human aging and disease brain. She has 39 publications, including papers in Nature Ageing, Nature Neuroscience, Nature Biomedical Engineering, Brain, among others, and with a total citations of 7179.