The 2022 China-Scandinavia Joint Meeting

On Ageing Mechanisms and Diseases

08:00-12:30 CEST (15:00-19:30 Beijing time)
22 Nov. 2022
On-line zoom with free registration here https://uio.zoom.us/webinar/register/WN_i3tg55WhTGGAbxiJeaqyOw
Organizers: Guobing Chen (Guangzhou), Evandro F. Fang (Oslo), Lene J. Rasmussen (Copenhagen)

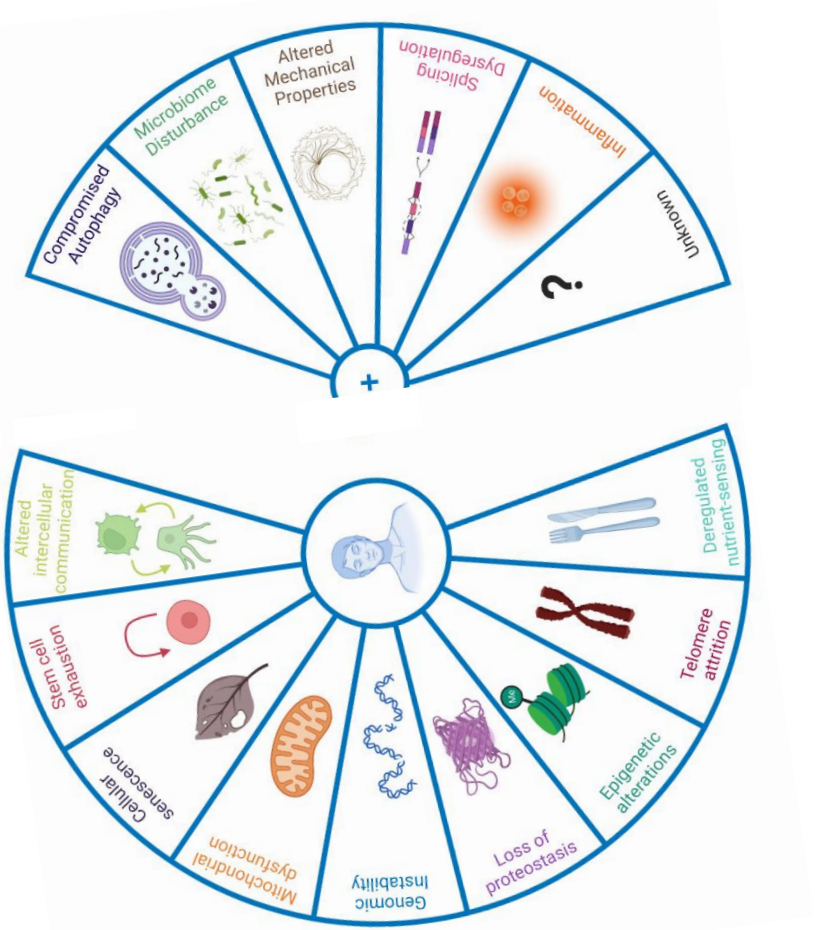

Image: Schmauck-Medina T. et a., Ageing 2022

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Date		
08:00-08:05 CEST Oslo time (15:00-15:05 Beijing time)	Opening: Prof. Guobing Chen (Jinan University, Guangzhou, China)	
Chair: Hilde Nilsen	Chair: Hilde Nilsen	
08:05-08:45 CEST (15:05-15:45 Beijing time)	Jon Storm-Mathisen (UiO)	History talk (Keynote): The discovery of excitatory and inhibitory neurotransmitters for 40 years
08:45-09:25 CEST (15:45-16:25 Beijing time)	Christian Riedel (Karolinska, Sweden)	DAF-16/FOXO and histone posttranslational modifications in ageing
Chair: Linda Bergersen	Chair: Linda Bergersen	
09:25-10:05 CEST (16:25-17:05 Beijing time)	Lene Juel Rasmussen (CU, Denmark)	DNA repair in ageing
10:05-10:35 CEST (17:05-17:35 Beijing time)	Guobing Chen (Jinan University, China)	Immune ageing
10:35-10:45 coffee break (17:35-17:45 Beijing time)		
Chair: Evandro Fang		
10:45-11:15 CEST (17:75-18:15 Beijing time)	Maria Jose Donate Lagartos (UiO, Norway)	The NAD+/SIRT1-REST-mitophagy axis in memory preservation against Alzheimer's disease
11:15-11:45 CEST (18:15-18:45 Beijing time)	Feng Liu (Guangzhou 1st People's Hospital, China)	The ageing and geriatric studeis in China
Chair: Guobing Chen	Chair: Guobing Chen	
11:45-12:30 CEST (18:45-19:30 Beijing time)	Joint discussion 1. New journal release 2. Joint grant application 3. Research collaboration 4. Student exchange	

Acknowledgements

The NO-Age and NO-AD Seminar Series

U. of Oslo

U. of Copenhagen

Chinese U. of Hong Kong

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

暨南大學 JINAN UNIVERSITY

Karolinska Institutet

廣州市第一人民醫院 GUANGZHOU FIRST PEOPLE'S HOSPITAL

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Jon Storm-Mathisen
UiO, Norway

Feng Liu
Guangzhou 1st People's Hospital

Christian Riedel
Karolinska, Sweden

Lene J. Rasmussen
CU, Denmark

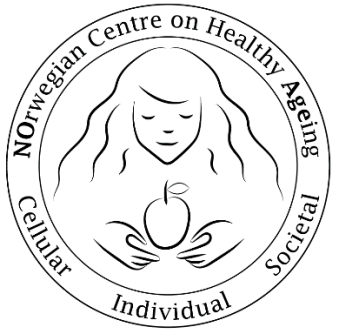
Guobing Chen
Jinan, China

Maria Jose Donate Lagartos
UiO/Ahus, Norway

Hilde Nilsen
UiO, Norway

Linda H. Bergersen
UiO, Norway

Evandro F. Fang
UiO/Ahus, Norway



Pictures: designated institutions

Jon Storm-Mathisen
UiO, Norway

Jon Storm-Mathisen is a Norwegian brain researcher. He is professor emeritus of medicine at theUniversity of Oslo. Storm-Mathisen was previously deputy head of the Center for Molecular Biology and Neuroscience. He retired in 2011. He received the Anders Jahres medical prize in 2006 for his pioneering research on signaling substances in the brain. In the justification for the award, it was stated that Jon Storm-Mathisen has shown that nerve cells in the brain communicate using the amino acid glutamate as a signaling substance, which was surprising. He also received the University of Oslo's research prize in 2004, on the grounds that he was fundamental to the now flourishing community in neurobiology. [2] He has been awarded the Nansen Medal, the Lundbeck Prize, the Anders Jahres Medical Prize and is a member of the Norwegian Academy of Sciences. He has also chaired the Kavli Prize Committee for Neuroscience. He is one of Norway's most cited researchers and has published 290 research articles. Already in 2010, he was one of fourteen researchers at Norwegian institutions ranked as highly cited in the ISI index

Christian Riedel
Karolinska, Sweden

Our health and longevity is largely determined by the rate at which we age. Fortunately, ageing is a plastic process. In our research group we use the nematode Caenorhabditis Elegans as a model systems to understand the pathways that can accelerate or impair aging. C. Elegans is ideal for ageing-related research, as it is technically well established, short-lived (allowing for lifespan as an easily measurable phenotype), and very responsive to alterations in its ageing-regulatory pathways. These studies are complemented by efforts in human tissue culture, to verify human conservation and further explore our findings for therapeutic purposes. Our research combines biochemistry (Proteomics, ChIP-Seq, mRNA-Seq,…) with high-throughput genetic screening approaches (RNAi), to understand the regulation of aging at molecular and mechanistic resolution.

Lene J. Rasmussen
CU, Denmark

Dr. Rasmussen’s research focuses on understanding a central challenge of modern biomedicine; namely the genetic origins of complex diseases and the contribution of environmental factors. Her particular research interests include: • The role of deoxynucleoside kinases in maintaining genomic integrity; • Interaction between dNTP pools and mitochondrial function: basic research and aging; • The molecular mechanisms underlying mitochondrial-mediated mutagenesis; and • Identification of proteins involved in maintaining integrity of the mitochondrial genome.

Guobing Chen
Jinan, China

Dr. Guobing Chen is a professor and vice dean of the School of Medicine, Jinan University, Guangzhou, China. His laboratory is working on the molecular mechanisms of immune eruption during ageing using biochemical, imaging, and CHRISPR techniques. He has publications in Nature Ageing, among other journals.

Maria Jose Donate Lagartos
UiO/Ahus, Norway

I did my PhD with Professor Ricardo Insausti at the University of Castilla-La Mancha, working on the characterisation of age-dependent changes in the interneuron populations in the hippocampus of two murine models, SAMP8 and Pol mu mice. Later, I become a postdoctoral fellow in Professor Menno Witter's group at the Kavli Institute for Systems Neuroscience/Centre for Neural Computation in Trondheim (Norway), NTNU. The research project I carried out in this laboratory was focused on the postnatal development of the postrhinal cortex to the medial entorhinal cortex projection. During my years as a PhD student and a post-doc, I learned anatomy, intracellular injections, tracing, and several electrophysiological approaches including anterograde tracing, intracellular injections, confocal imaging, VSD-imaging, patch-clamp, and optogenetics. Currently, I am a postdoctoral fellow in Dr Evandro F. Fang's laboratory and I am interested in studying lysosome pathway in Alzheimer´s disease (AD) by the use of a unique cross-species platform, involving C. elegans, mouse models and human iPSCs.

Hilde Nilsen
UiO, Norway

We are interested in the quality control mechanisms that maintain function of DNA and RNA throughout the lifetime of cells and organisms. DNA repair enzymes remove damaged or inappropriate bases from DNA. Historically, studies of DNA repair has been motivated by the need for these mechanisms in order to prevent mutations - changes in the genetic code. Studies of DNA repair is therefore important in order to understand how cancer develops and how cancer can be treated. In recent years it has become clear that DNA repair enzymes have many important functions in cells other than to prevent mutations, most importantly in neurobiology to prevent neurodegenerative diseases.

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

2015- Head of Electron Microscopy Laboratory, Institute of Oral Biology (IOB), UiO, Norway
2013- Professor in Physiology at the Faculty of Dentistry
2013- Leader of the Brain and Muscle Energy Group at the IOB, Department of Oral Biology, University of Oslo, Norway
2011- Professor of Neurobiology of Aging at the Center of Healthy Aging (CEHA), University of Copenhagen, Denmark

Feng Liu
Guangzhou 1st People's Hospital

Professor Feng Liu is the director of the Department of Geriatrics, National Key Clinic Specialty, Guangzhou First People's Hospital, School of Medicine, South China University of Technology, China. His general research interest is in the area of dyslipidemia, atherosclerotic cardiovascular disease, heart failure, and cardiac rehabilitation in elderly patients. And He is the associate editor of Aging Pathobiology and Therapeutics and the member of the European Heart Failure Society.

Evandro F. Fang
UiO/Ahus, Norway

Dr. Evandro Fei Fang is a molecular gerontologist whose research lab is aimed at understanding the molecular mechanisms of human aging and age-related diseases. His team uses bench-top knowledge to guide the development of novel interventional strategies towards human aging, with a final goal of improving the quality of life in all older people. In addition to his science, he is passionate about teaching and training junior scientists and leads an extremely collaborative and highly productive lab at the University of Oslo. More https://evandrofanglab.com/