



INSTITUT FOR MEDICINSK BIOKEMI
DET SUNDHEDSVIDENSKABELIGE FAKULTET
AARHUS UNIVERSITET

9th meeting of the Århus Stress Group Juni 10, Lake auditorium 3, building 1252

Theme

Stressful impact on brain functions

Keynote speakers

- Imaging the stressed brain, Prof. Leif Østergaard, MINDLAB, Århus University Hospital
- Plasticity in the stressed brain, Assoc. Prof. Kimmo Jensen, Dept. of Physiology, AU

Time plan:

8.30 – 9.00 Coffee and bread.

9.00 -9.35 Imaging the stressed brain, Prof. Leif Østergaard, MINDLAB, Århus University Hospital

9.35-10.10 Plasticity in the stressed brain, Assoc. Prof. Kimmo Jensen, Dept. of Physiology, AU

10.10-10.25 Stress induced depression, Kim Henningsen, Centre for Basic Psychiatric Res.

10.25-10.40 Alpha-synuclein induced neuroinflammation. Vanesa Sanchez-Guajardo PhD, Dept of Med. Biochemistry, AU

10.40-10.55 Differential age-related changes in mitochondrial DNA repair activities in mouse brain regions, Assoc. Prof. Tina V. Stevnsner, Dept. of Molecular Biology, AU

Coffee break 11:00-11:15

11:15-11:30 Oxidative stress evaluated by mass spectrometry, Assoc. Prof. Steen Vang Petersen, Dept of Med. Biochemistry, AU

11.30-11:45 The other side of stress: slowing down ageing by mild stress hormesis, Suresh Rattan, Dept. of Molecular Biology, AU

1.45-12.00 Misfolding and aggregation of a disease-associated variant of short-chain Acyl-CoA dehydrogenase (SCAD) leads to fission of the mitochondrial network – a marker of mitochondrial stress, Stinne Pulkkinen Schmidt, Research Unit of Molecular Medicine, Aarhus University Hospital, Skejby

12.00-12.15 A novel gene involved in stress resistance and aging in *C. elegans*, Jeanette Brejning, Dept. of Molecular Biology, AU

12:15-12:30 Ageing flies selected for longevity retain a young gene expression profile, Pernille Sarup PhD, Dept. of Biological Sci., AU

Lunch and Poster Session 12.30-13:45

13:45-14:30 General discussion and planning of future events

Please feel free to send this call for other biological stress scientist associated to Aarhus University.

ORGANIZERS:

Marina Romero-Ramos (89425554)
mrr@biokemi.au.dk

Poul Henning Jensen (89422856)
phj@biokemi.au.dk