

# 6

## **Program for the 6th stress meeting 23 Oktober – DIAS, Foulum**

- 9.00 Welcome: Peer Berg (DIAS)
- 9.10 Peter Foged Larsen (AU, DFU): Local adaptation and gene expression in European flounder
- 9.30 Corneel Vermeulen (AU): QTL mapping in stress research
- 9.50 Kamilla Sofie Pedersen (DIAS, AU): A study of inbreeding depression using 'omic' technologies
- 10.10 Coffee
- 10.45 Henrik Sejersen (AU): Sugar stress-induced premature aging in human cells
- 11.05 Niels Gregersen (Skejby Hospital): ORBITRAP mass spectrometry – a new technology with large potential in stress research
- 11.25 Stinne Pulkkinen Schmidt (Skejby Hospital): Cellular stress as cause of disease
- 11.45 Jakob Hansen (Skejby Hospital): Oxidative stress, mitochondrial function, and viability in cell models of a neurodegenerative disease
- 12.05 Lunch
- 13.00 Jakob Hedegaard (DIAS): DNA microarray facilities at DIAS - and a stressful example
- 13.20 Peter Sørensen (DIAS): Global gene expression profiling of the hepatic inflammatory response in dairy cows following intra-mammary exposure to LPS treatment
- 13.40 Jens Malmkvist (DIAS): Behaviour in stress research
- 14.00 Coffee
- 14.20 Lars Bolund and Peter Kragh (AU): Attempts to create genetically modified animal models for studies of folding stress and unfolded protein responses.
- 14.50 Discussion