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Symposium on heat shock proteins/molecular chaperones, 25 June 2002 at the Danish Institute of Agricultural Sciences, Department of Animal Breeding and Genetics

Program

9.00-9.30 Coffee

9.30 Welcome, Just Jensen, Head of Department of Animal Breeding and Genetics, Danish Institute of Agricultural Sciences.

Before lunch

Chairman: Niels Gregersen

9.35 Lektor Peter Bross, Research Unit for Molecular Medicine, Skejby Hospital. Title: "The chaperone system and protein quality control".

10.05 Professor Niels Gregersen, Research Unit for Molecular Medicine. Skejby Hospital: Title: "Defective folding in genetic diseases".

10.30 Professor Lars Bolund, Human Genetics, Aarhus University. Title: "The protein Quality control system and polygenic diseases".

10.55 Head of Research Unit Christian Bendixen, Department of Animal Breeding and Genetics, Danish Institute of Agricultural Sciences. Title: "Characterisation of heat shock proteins in livestock animals - Searching for DNA polymorphism's in the coding and regulatory regions of heat shock genes".

11.20 Professor Suresh Rattan, Institute for Molecular and Structural Biology, Aarhus University. Title: "Molecular chaperones and the modulation of ageing".

11.45-13.00 Lunch

Session from 13.00 to 14.20

Chairman: Lars Bolund

13.00 PhD Student Torsten Nygård Kristensen Department of Animal Breeding and Genetics, Danish Institute of Agricultural Sciences. Title: "Inbreeding influences on the Hsp70 regulation in *Drosophila* and presentation of plans for projects on Hsp expression in cattle".

13.20 PhD Student Jesper Givskov Sørensen, Department of Genetics and Ecology, University of Aarhus. Title: "The role of Hsp70 for adaptation to environmental stress in *Drosophila*".

13.40 Master Student Christina Bak Pedersen, Research Unit for Molecular Medicine, Skejby Hospital.
Title: "Folding of SCAD wild type and variant proteins in isolated mitochondria".

14.00 PhD Student Malene Munk Jørgensen, Research Unit for Molecular Medicine, Skejby Hospital.
Title: "Mutant ER retained LDL receptors may induce the unfolded protein response".

14.20-14.40 Coffee

Session from 14.40-15.20

Chairman: Peter Bross

14.40 PhD Student Søren Vang, Research Unit for Molecular Medicine, Skejby Hospital. Title:
"Degradation of disease causing human cardiac actin mutations mediated by the TriC chaperonin".

15.00 PhD Student Rasmus Beedholm, Institute for Molecular and Structural Biology, Aarhus
University. Title: "Stimulation of proteasome activity by repeated mild heat shock in human cells
during ageing".

15.20 Discussion and future perspectives, Chairman Peter Løvendahl

16.00 Close of meeting.