

The 12th Aarhus Stress Conference 6th December 2012

Lakeside auditoriums ("Søauditorierne"), Vennelyst Boulevard 8, 8000 Aarhus C
- Merete Barker Auditoriet (Building 1253, room 211)

- 8:30-9:00 Coffee and bread
- 9:00-9:30 Christian Schlötterer
The genomic signature of adaptation to novel environments - insights from experimental evolution and Pool-Seq
- 9:30-10:00 Carla Sgro
The effect of environmental stress on the genetic architecture of complex traits
- 10:00-10:30 Jesper Givskov Sørensen
Geographic variation in the molecular adaptation to cold in *Megaphorura arctica* during cryoprotective dehydration
- 10:30-11:00 Coffee break
- 11:00-11:30 Kuke (R.) Bijlsma
Stress perception and adaptation: The evil and good effects of close interbreeding
- 11:30-12:00 Scott Hayward
Biological memory of environmental gradients
- 12:00-12:30 Anders Malmendal
The stressful lives of some fruit flies as studied NMR metabolomics
- 12:30-13:30 Lunch
- 13:30-13:45 Raffaella Magnoni
The Hsp60 folding machinery is crucial for Manganese Superoxide Dismutase folding and function.
- 13:50-14:05 Anders Findsen
Rapid cold hardening improves recovery of ion homeostasis and chill coma recovery in the migratory locust *Locusta migratoria*
- 14:10-14:25 Christian Garm
Twin study on DNA repair efficiency and healthy human aging
- 14:30-14:45 Mads Fristrup Schou
Limited evolutionary responses to temperature stress
- 14:50-15:20 Coffee break
- 15:20-15:35 Elena Bouzinova
Low-grade inflammation in chronic mild stress model of depression
- 15:40-15:55 Janneke Wit
Environmental stress resistance and longevity in *Drosophila*: cold resistance is costly
- 16:00-? Discussion: Who organises the next workshop?

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