

Specialeseminar at Zoophysiology Thursday September 21st

- 9.30** coffee and bread
- 9.45** welcome by head of section Tobias Wang
- 10.00** safety and proper laboratory behavior by Elin Ellebæk
- 11.00** tour of the department, including animal facilities by Per Henriksen and Heidi Meldgaard
- 12.00** Lunch at section for Zoophysiology (buffet) – provided by Zoophysiology

- 13.00-17.00** Talks from all new MSc students. Three slides to provide a clear formulation of the scientific problem (or even hypothesis) to be studied. Also include the methodology and approach. The presentation should be no longer than 7 min, and will be followed by 5 min of discussion with the aim of providing constructive feedback from the rest of the section.

- 13.00** **Lisa Bjerregaard Jørgensen** (Johannes Overgaard)
Effect of temperature on the osmoregulatory capacity in five locust species
- 13.15** **Martin Malling** (Tobias Wang)
Influence of red cell volume on blood oxygen affinity in pythons
- 13.30** **Mie Cederdorff** (Erik Baatrup & Tobias Wang)
Effects of hypoxia, temperature and Ag on appetite and spontaneous swimming activity in zebrafish
- 13.45** **Tine Haslam Nielsen** (Mark Bayley)
The effect of long term hypercapnia on growth, SMR and RMR in striped catfish
- 14.00** **Niels Kristensen** (Hans Malte, Peter Teglberg & Tobias Wang)
Carbon dioxide binding properties of whale blood
- 14.15** **Christian Jensen** (Mark Bayley)
Ion exchangers involved in acid base regulation in Pangasianodon hypophthalmus
- 14.30** **BREAK**
- 14.45** **Mia Lybkær Kronborg Nielsen** (Peter Teglberg)
Behavioural development and energy expenditure of mom-calf southern right whales at the Australian nursing grounds
- 15.00** **Jacob Lunding Sørensen** (Tobias Wang)
Characterization of a putative cysteine-rich venom protease
- 15.15** **Clayre Grumiaux** (Johannes Overgaard)
Fluctuating Thermal Regimes and Ion Homeostasis in Drosophila suzukii
- 15.30** **Sofie Jeppesen** (Mark Bayley)
Stress behaviour in Pangasius during perceived risk of predation: Influence of catecholamines on behaviour
- 15.45** **Jon Poulsen** (Tobias Wang)
Pain and nociception in crustaceans
- 16.00** **Christian Ørskov** (Johannes Overgaard)
Behavioral thermoregulation in Locusta migratoria
- 16.15** **Mathias Ravn** (Johannes Overgaard)
Disruption of homeostasis and cell injury caused by anoxia in Locusta migratoria