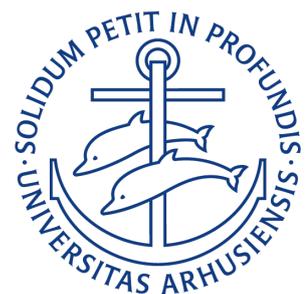


Mini-symposium on temperature physiology of animals

14th of October 2021, Aarhus University

(From 11.00 - 17.00)



Programme: William Scharff Auditoriet (Sø auditorium), 56 personer

- 11.00 - 11.15 *Welcome and short talk: Staying polarized at the poles.*
(Johannes Overgaard, Aarhus University)
- 11.15 - 11.30 *Role of microclimate in climate change responses.*
(Sylvain Pincebourde, Université de Tours)
- 11.30 - 11.45 *Low potential for evolutionary rescue from climate change in a tropical fish.*
(Rachael Morgan, University of Bergen)
- 11.45 - 12.00 *A model of repair and injury in ectotherms at high temperature.*
(Michael Ørsted, Aarhus University)
- 12.00 - 12.15 BREAK
- 12.15 - 12.30 *Rapid adjustments in thermal tolerance and the metabolome to daily environmental changes – a field study on the Arctic seed bug *N. groenlandicus*.* (Natasja K. Noer, Aalborg University)
- 12.30 - 12.45 *Desert ants as a potential model for understanding heat-tolerance in insects.*
(Quentin Willot, Aarhus University)
- 12.45 - 13.00 *Neural dysfunctions at the upper thermal limit of zebrafish larvae.*
(Anna H Andreassen, NTNU - Trondheim)
- 13.00 - 13.30 BREAK AND LUNCH
- 13.30 - 13.45 *On warm acclimation, cardiac mitochondrial function and salmon.*
(Lucie Gerber, University of Oslo)
- 13.45 - 14.00 *Individual variation in thermal reaction norms.*
(Tommy Norin, DTU AQUA – Copenhagen)
- 14.00 - 14.15 *Linking maximal accumulated oxygen deficit (MAOD), absolute anaerobic capacity (AAC), and critical thermal maximum (CT_{max}) in fish exposed to hypoxia.* (Rasmus Ern, NTNU – Trondheim)
- 14.15 - 14.30 *Correlations between thermal traits - Acute thermal tolerance and growth in Zebrafish.*
(Eirik Åsheim, University of Helsinki)
- 14.30 - 14.45 BREAK
- 14.45 - 15.00 *Staying warm in cold water.*
(Hans Malte – Aarhus University)
- 15.00 - 15.15 *Are fish easier to catch in winter for marine mammal predators*
(Mark Johnson, AIAS Aarhus University)
- 15.15 - 15.30 *Suppression of mitochondrial respiration by hydrogen sulfide in hibernating 13-lined ground squirrels* (Birgitte Jensen, Aarhus University)
- 15.30 - 16.00 BREAK AND MOVEMENT TO LECTUREHALL AUD F
- 16.00 - 17.00 *Responses to temperature change in fish: insights from intraspecific variation*
(**Kjell Johansen Lecture:** Patricia Schulte, University of British Columbia)

