

DANDRITE Topical Seminar

Monday 14 August 2017
13.30 – 14.30

Biomedicine, building 1170, room 440 Library
Ole Worms Allé, 8000 Aarhus C



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Stress and mate choice: how common environmental stressors affect the outcomes of mating encounters in *Drosophila* fruit flies

Stress is well known to affect cognitive functioning, and might strongly affect decision-making. For many animal species, one of the most important decisions is choosing the right partner to mate with, one that directly affects their fitness. Fluctuations in food quality and temperature are common stress factors in *Drosophila* ecology. I will discuss two types of environmental stress that are likely highly common: extreme temperature stress and the intake of alcohol. How do these affect mating behaviour and ultimately the reproductive success of the individuals?

Host: Group Leader Anne von Philipsborn, DANDRITE, Dept. Biomedicine, Aarhus University