



## Seminar(i)

**Distinct contributions of sperm and seminal proteins to male reproductive ageing in *Drosophila***

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Age-related reproductive declines in males are widespread and of increasing human importance given current trends for later fatherhood and decreased sperm counts, in many countries. However, male age-related infertility is generally subtler than for females, and the underlying fundamental biology is poorly understood. Ejaculate deterioration in ageing males might arise from changes in the seminal fluid proteins or sperm, yet their relative contributions are not known. Here, we use label-free quantitative proteomics and fluorescent sperm labelling techniques in the fruit fly, *Drosophila melanogaster*, to reveal the distinct contributions of sperm and seminal proteins to male ejaculate ageing.

WHERE?

Seminar room - SS6  
(Institutes building floor -1)

WHEN?

Thursday 24/01/2019 – 12:00 h