ALL STAFF AND STUDENTS ARE WELCOME TO ATTEND

A.N.U. Seminar

ECOLOGY, EVOLUTION, & GENETICS
RESEARCH SCHOOL OF BIOLOGY

Thursday 12 Nov, 1pm

Evolution and organisation of monotreme sex chromosomes

Dr Frank Grützner

ARC Research Fellow
School of Molecular & Biomedical Science
University of Adelaide

Monotremes feature the most complex sex chromosome system reported in any mammal: 10 sex chromosomes in platypus and 9 in echidna. The discovery of homology between monotreme and chicken sex chromosomes changed the way we think about the evolution of sex chromosomes in mammals but we know very little about meiotic organisation of the sex chromosome complex and sex determination in these animals. I will discuss our recent work tracking monotreme sex chromosomes through meiosis into sperm and our hunt for genes with male-specific functions on platypus Y chromosomes.

For further info please contact:
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Seminars are held in the Botany & Zoology Seminar Room, Building 116 Daley Rd, ANU