

2011 Seminar Series

Dr Alex Quinn

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Evolutionary transitions between sex-determining mechanisms in vertebrates

Vertebrates exhibit a remarkable diversity of mechanisms that determine sexual phenotype. In fish and reptiles in particular, there appears to be a complex evolutionary history of transitions between genotypic sex determination (GSD) with either XX/XY or ZZ/ZW sex chromosomes and temperature-dependent sex determination (TSD). In this presentation, Dr Quinn will discuss work on two Australian lizard species that demonstrates for the first time that genotype and incubation temperature can interact to determine sex in reptiles.

Thursday 16 June 2011
12:30pm – 2.00pm

Nathan Campus
N54_2.02 (Bray Centre)

Light refreshments will be served.