

Day 3 Friday 6th December Morning

Time	Room 1	Room 2
9:00	Annual General Meeting (AGM)	
9:15		
9:30		
9:45		
	Plasticity. Chair: Jon Evans	Genomics. Chair: Rich Edwards
10:00	Erin Macartney - Macronutrient balance on brown adipose tissue function in fathers and non-genetic inheritance in offspring	Jennifer Evans - Genomic evidence for inbreeding depression in an endangered Australian bird
10:15	Aidan Stuckey - Sex, Genetics, and Plasticity in Allometry	Patra Petrohilos - When Cells Rebel: a comparative genomics investigation into marsupial cancer susceptibility
10:30	Marta Favero - Phenanthrene pollution disrupts behavioural individuality and plasticity in the brine shrimp <i>Artemia franciscana</i>	Ben Phillips - Genetic Allee effects for containment of invasive species
10:45	Morning tea	
11:00	Morphological evolution. Chair: Damien Esquerre Genomics. Chair: Renee Catullo	
11:15	Antonio Rayos - Another case of morphological reduction in the large hepatic family Lepidoziaceae shown by <i>Meinungeria</i>	Manuel Poretti - Beyond centromeres: the role of pericentromeric transposable elements in chromosome evolution
11:30	Jeremy Wilson - Correlation with a limited set of behavioral niches explains the convergence of somatic morphology in mygalomorph spiders	Alexandros Georgios Sotiropoulos - Lichen metagenomes reveal highly complex micro-environments
11:45	Putter Tiatragul - Vertebra number evolution in Australian blindsnakes	Liang Liu - Transcriptomic and Epigenomic Changes Driving Freshwater Adaptation in Sticklebacks
12:00	Boikhutso Lerato Rapalai - Environmental change and the evolution of body colouration in the ornate dragon, <i>Ctenophorus</i>	Richard Edwards - Depth-based correction of gene duplications and losses in genome assemblies
12:15	Nuttakorn Taewcharoen - Intraspecific variation pattern of vertebrae in leporids with gradient of locomotive ability	Kelton Cheung - Does standing genetic variation contribute to local adaptation of cane toads in Australia?
12:30	Diana Fisher - The evolution of marsupial pouch opening direction	Jamie Botting - Identification of a possible partial trisomy in a pathogenic strain of coffee leaf rust, <i>Hemileia vastatrix</i>
12:45	Lunch	
13:00	Lunch	
13:15	Lunch	
13:30	Lunch	

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Senior Plenary
Natalie Warburton
How to build a kangaroo

Closing and Prizes

Walk around botanical gardens

Free time

Dinner at Market Grounds