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Organizing Committee

Dr Rebecca Johnson, Australian Museum Professor Kathy Belov, University of Sydney Assoc. Professor Nathan Lo, University of Sydney Dr Beata Ujvari, University of Sydney Isobel Ronai, University of Sydney Dr Emily Remnant, University of Sydney Dr Camilla Whittington, University of Sydney Dr Bianca Haase, University of Sydney Dr Yuanyuan Cheng, University of Sydney Dr Greta Frankham, Australian Museum Mette Lillie, University of Sydney Dr Catherine Grueber, University of Sydney Dr Amanda Lane, University of Sydney Dr Shafagh Waters, UNSW Professor Claire Wade, University of Sydney Belinda Wright, University of Sydney Dr Katrina Morris, University of Sydney Dr Georgina Cooke, Australian Museum Jian Cui, University of Sydney Emma Peel, University of Sydney Elizabeth Jones, University of Sydney Rebecca Gooley, University of Sydney Assoc. Professor Simon Ho, University of Sydney Assoc. Professor Jenny Donald, Macquarie University Assoc. Professor Frank Grutzner, University of Adelaide

Primary sponsor



Hosts





Program Design: Holly Philip holly.philip.com

Welcome

Dear Geneticists,

Welcome to the annual conference of the Genetics Society of Australasia, which is dedicated to promoting genetics in our region. Unfortunately I am unable to attend this year's meeting but I am sure you will enjoy the scientific and social aspects of this year's meeting. The society is indebted to this year's local organising committee headed by Rebecca Johnson and Kathy Belov and consisting of Nathan Lo, Beata Ujvari, Emily Remnant, Isobel Ronai, Camilla Whittington, Yuanyuan Chen, Greta Frankham, Shafagh Waters, Bianca Haase, Claire Wade, Catherine Grueber, Mette Lillie, Amanda Lane, Belinda Wright, Katrina Morris, Georgina Cooke, Jian Cui, Emma Peel, Elizabeth Jones, Rebecca Gooley, Jenny Donald and Frank Grutzner.

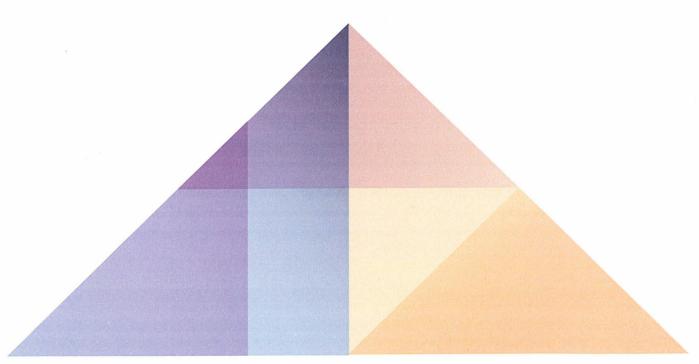
Genetics as a discipline is pervasive in biological research, as it should be. However that does not mean we can rest on our laurels. We need to continually draw people's attention to this fact. One way this can be achieved is by participating in our Twitter feeds for the conference (Genetics Australasia, @GeneticsAus) or by following us on our Facebook page (www.facebook.com/geneticsaus).

Sincerely,

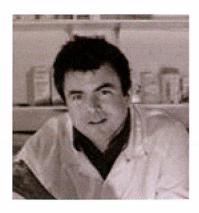
Alex Andrianopoulos

President, GSA.





Plenary Speakers



Michael Bunce
Curtin University

Professor Michael Bunce is an ARC Future Fellow at Curtin University where he runs the Trace and Environmental DNA (TrEnD) Laboratory. The TrEnD lab specialises in using next generation DNA sequencing to characterise degraded DNA samples for use in a wide variety of biological applications including paleontology, archaeology, paleoclimate, forensics and conservation. Mike did his PhD at the Australian National University and post-docs at Oxford (UK) and McMaster (Canada) Universities before moving to Western Australia in 2006. Mike is an internationally recognised researcher in the field of ancient and degraded DNA, with 7 co-authored publications in Nature and Science.



Aaron Darling

University of Technology, Sydney

Microbes inhabit every surface of the planet and even within the human body they outnumber human cells by a factor of 10. New high throughput measurement technologies including DNA sequencing, metabolomics, and proteomics allow us to digitize information on the state of these biological systems. The Darling lab focuses on translating this wealth of information into knowledge about biological systems. We apply and design computational and statistical algorithms to automate data analysis methods.



Dianne Gleeson

University of Canberra

Dianne obtained her PhD from ANU in 1996 on the colonisation genetics of the Australian Sheep Blowfly. She then established the Ecological Genetics group at Landcare Research NZ and the DNA diagnostic service, EcoGene for which she was awarded the inaugural Woman in Science Entrepreneur Award (2011). Since 2013 she has been based at the Institute for Applied Ecology at the University of Canberra, where she leads a CRC funded project on eDNA technologies for invasive species detection. Her research interests are in the application of DNA technologies for biodiversity conservation outcomes. Specifically this has been applied to population genetics of threatened and invasive species as well as the developing field of wildlife forensics. A particular focus has been facilitating the translation of fundamental research into accessible services for end-users such as conservation management agencies, and environmental regulatory authorities.



Kenji Matsuura

Kyoto University

Professor Matsuura's research focuses on the social system and evolution of termites. He is primarily interested in understanding the reproductive mechanism and evolution of chemical communication and defensive strategies against various parasites and predators. He has been characterizing the molecular, genetic, physiological, behavioral, and ecological factors that regulate these processes. On the basis of these findings his lab is developing a novel technology to control termites most effectively by using their social behaviour.



Catherine Suter

Victor Chang Caridac Research Institute

Associate Professor Cath Suter is an ARC Future Fellow and head of the Epigenetics Laboratory at the Victor Chang Cardiac Research Institute in Sydney. She was the first to describe germline epigenetic defects in humans, and her major interest continues to be mammalian germline epigenetic phenomena and their inheritance. Her group focuses on the epigenetic contribution to phenotypic variation and disease risk, with a particular interest in the influence of early environmental factors on epigenetic inheritance.

Program Overview

Monday July 7th

9.00-10.00	Opening Address and Plenary 1 (Webster Lecture Theatre) Aaron Darling Toward population genetics of dark ma		
10.00-10.30	Morning Tea		
10.30-12.30	Concurrent Symposia: Session 1		
	Symposium 1a Bioinformatics and Genomics (Carne Lecture Theatre)	Symposium 1b Adaptation (Clunies Ross Lecture Theatre)	Symposium 1c Host-Parasite/ Symbiont interaction (Gunn Teaching Room)
	Chairs: Aaron Darling, Claire Wade	Chairs: Ary Hoffmann, Beata Ujvari	Chairs: Mark Tanaka, Victoria Morin-Adeline
10.30	Ashley Farlow	Ary Hoffmann	Mark Tanaka
	The 10 megabases of Arabidopsis centromeric sequence behave as a single locus over evolutionary time	Climate change and evolutionary adaptation: where are we?	Timing of antimicrobial use influences the evolution of antimicrobial resistance during disease epidemics
11.00	Asa Perez-Bercoff	Kathryn Hodgins	Victoria Morin-Adeline
	Genome sequencing, assembly and annotation of S. aurantiacum	The genomic basis of local adaptation to climate in conifers	One parasite and two unexpected hosts: Using transcriptomics to understand host-parasite adaptations of two strains of Tritrichomonas foetus
11.15	Mani Grover	Paul Rymer	Timothy L Sutton
	Novel therapeutics for complex diseases from genome-wide association data	Effective population size and migration along a steep environmental gradient: Insights from niche models and population genomics	Contrasting dispersal and inbreeding in a fig-pollinating wasp and its parasitoid
11.30	Bianca Haase	Hernan Morales	Aidan Hall
	Scottish Fold cats: an animal model for human digital arthropathy	Exploring full mitochondrial genomes in search of signatures of positive and purifying selection	Coevolution between bacterial endosymbionts and their psyllid hosts of the Cardiaspina genus (Hemiptera: Psyllidae)
11.45	Hardip Patel	Simon Baxter	Michaela DJ Blyton
	RNAnexus: A framework for RNA data mining and visualization	Evolution of a butterfly mimicry locus through modular regulation of an input-output gene	Functional genotypes are associated with commensal Escherichia coli strain abundance within host individuals and populations
12.00	Tony Papenfuss	Andrew Young	Peter Kern
	De novo assembly of the scabies mite mitochondrial genome from metagenomic sequencing reveals haplotype structuring and relationship between scabies varieties	Incest vs. abstinence: reproductive tradeoffs between mate limitation and progeny fitness in a self-incompatible invasive plant.	A new molecular sexing technique for butterflies – does Wolbachia really feminise genetic males in Eurema?
12.15	Sham Nair	Michael Whitehead	Joshua Christie
	The dynamic genome: allelic variations in the genomes of single cells from an invertebrate metazoan	Sexual mimicry in sympatric orchid species promotes outcrossing, multiple paternity and reproductive isolation.	Sex, slime and mitochondria
12.30-1.30	Lunch		

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1.30-3.30	Concurrent Symposia: Session 2			
	Symposium 2a Population genetics (Carne Lecture Theatre)	Symposium 2b Immunogenetics (Clunies Ross Lecture Theatre)		
	Chairs: John Sved, Belinda Wright	Chairs: Catherine Grueber, Janine Deakin		
1.30	John Sved	Rehana Hewavisenti		
	Queensland fruit fly and the Lewontin-Birch introgression hypothesis	The Identification and Characterisation of Immune Genes in the Milk Transcriptome of the Tasmanian devil (Sarcophilus harrisii)		
1.45	Michaela Blyton	Catherine Grueber		
	Maternal lineages best explain the associations of a semi-social marsupial in the presence of fine-scale genetic structure	Studying immunogenetic diversity to aid the conservation of threatened species.		
2.00	Collin Ahrens	Jian Cui		
	Population stucture of the rare clonal Senecio macrocarpus in the grasslands of Victoria	Characterisation of Toll-like receptors in two bottlenecked species, Tasmanian devil and Koala		
2.15	Belinda Wright	Jolene Sutton		
	A SNP-based approach to determining pedigrees and assessing genetic diversity in the Tasmanian devil insurance population.	Variation at innate immunity genes in Hawaiian honeycreepers		
2.30	Mark Richardson	Hamutal Mazrier		
	Population genetics of the invasive northern Pacific seastar	Expression of the microRNA, mir-31, is reduced in leukocyte of dogs with atopic dermatitis		
2.45	Bill Sherwin	Katrina M Morris		
	Population viability and major histocompatibility complex (MHC) genetic diversity of two dolphin populations in Western Australia	Characterisation of the Tasmanian devil immunome and identification of SNPs within devil immune genes		
3.00	Lee A Rollins	Emma Peel		
	Selective replication of mitochondria at the edge of an expanding invasion	Cathelicidins in the Tasmanian devil (Sarcophilus harrisii)		
3.15	Florencia Camus	Elizabeth Jones		
	Sequence variation within the mitochondrial DNA affects patterns of gene expression in the mitochondrial transcriptome	Novel Defensin Peptides of the Tasmanian Devil (Sarcophilus harrisii)		
3.30-4.00	Afternoon Tea			
4.00-5.00	Plenary 2 (Webster Lecture Theatre) Kenji Matsuura Asexual queen succession system in termites: evolution and n	nechanism		
5.00-7.00	Poster Session			
	ECR Dinner			

Program Overview

Tuesday July 8th

9.00-10.00	Plenary 3 (Webster Lecture Theatre) Dianne Gleeson	
	How Robust is Species Detection using Environmental DNA?	
10.00-10.30	Morning Tea	
10.30-12.30	Concurrent Symposia: Session 3	
	Symposium 3a Reptile and Amphibian genetics (Carne Lecture Theatre)	Symposium 3b Developmental and Cellular genetics (Clunies Ross Lecture Theatre)
	Chairs: Jenny Graves, Camilla Whittington	Chairs: Richard Burke, Bianca Haase
10.30	Jenny Graves	Adrian Moore
	Sex, Genomics and Epigenetics	Genetic controls over neuron dendrite arvor shape: convergence on microtubules
11.00	Matthew Brandley	Richard Burke
	Gene expression associated with the recent evolution of viviparity	Genetic Control of Cellular Zinc Distribution
11.15	Chris Friesen	Graham Thompson
	Persistent use of sperm stored over winter in multiply- mated female garter snakes	Gene co-citation networks associated with worker sterility in honey bees
11.30	Camilla M Whittington	Yee Lian Chew
	Angiogenic genes in the skink uterus and the evolution of live birth	Protein with tau-like repeats regulates neuronal aging and lifespan in C. elegans
11.45	Sam Ryan	Sebastian Judd-Mole
	The evolution and conservation of the Major Histocompatibility Complex Class III region in Pogona vitticeps.	Functional Characterisation of Voltage Gated Chloride Channel Proteins in Drosophila
12.00	Clare E Holleley	Waqar Ahmad
	Sex chromosome markers reveal a rapid transition from genotypic to temperature dependent sex determination in the bearded dragon	Dihydrolipoamide dehydrogenase (DLD) as a potential therapeutic target for Alzheimer's disease
12.15	Mette Lillie	Joseph Nguyen
	Diversifying selection at the Major Histocompatibility Complex class II beta in the New Zealand endemic Hochstetter's frog, Leiopelma hochstetteri	Examining the genetic and environmental influences on nicotinic acetylcholine receptor trafficking
12.30-1.30	Lunch (GSA executive committee meeting)	

1.30-3.30	Concurrent Symposia: Session 4			
	Symposium 4a Landscape and Conservation genetics (Carne Lecture Theatre)	Symposium 4b Gene expression and function (Clunies Ross Lecture Theatre)		
	Chairs Dianne Gleeson, Craig Sherman	Chairs: Emily Remnant, Isobel Ronai		
1.30	Bernd Gruber	Simon M. Tierney		
	LandGenReport - a landscape genetic tool to analyse the effect of landscape features on population structure using genetic data	Eye gene transcriptomes of diving water beetles: a contrast of surface and subterranean photic niches		
1.45	Jackie Chan	Isobel Ronai		
	Genetic management of harvest and restocking in Australian eastern king prawns	A role for apoptosis in worker sterility: gene expression in the plastic ovaries of the honey bee		
2.00	Adam P Cardilini	Tristan Stevens		
	Understanding genetic variation across a heterogeneous landscape in an invasive species	Expressing the diamondback moth ABC transporter C2 in transgenic Drosophila causes susceptibility to Bt insecticidal toxin		
2.15	Floyd Reed	Llewellyn Green		
	Genetically Engineering Underdominace for Species Conservation Applications in Hawai'i	Characterizing resistance and the potential for adaptation to a new diamide insecticide in D. melanogaster		
2.30	Anna J MacDonald	Kathryn A Raphael		
	Species from faeces: predator scat metabarcoding in Tasmania	Comparative, quantitative transcriptomes in sympatric fruit fly species reproductively isolated by time of mating		
2.45	Craig Sherman	Jennifer Morrow		
	The South American seagrass Zostera chiliensis, endangered or invasive?	Expression patterns and transcriptome analysis of sex determination genes in Bactrocera fruit flies		
3.00	Carolyn J Hogg	Michelle W Pearce		
	Blending molecular genetics with pedigree data to breed endangered species	The Drosophila melanogaster phospholipid flippase dATP8B is required for odorant receptor function		
3.15		Lalith K Dammannagoda		
		Expression patterns of selected digestive enzyme genes in the hepatopancreas of redclaw (Cherax quadricarinatus) fed two different carbohydrate sources		
3.30-4.00	Afternoon Tea			
4.00-5.00	Plenary 4 (Webster Lecture Theatre) Cath Suter Epigenetic inheritance and the legacy of parental obesity			
5.00-5.30	Jaime Vandenberg - Science and Technology Austr	alia		
7.00-10.00	Conference Dinner			

Program Overview

Wednesday July 9th

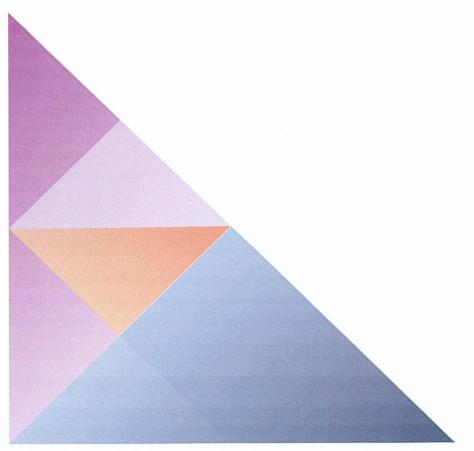
9.00-10.00	Plenary 5 (Webster Lecture Theatre) Mike Bunce The (genetic) hank of dearl; why deep-sequencing trace-degraded & ancient DNA is both interesting and useful			
10.00-10.30	Morning Tea			
10.30-12.30	Concurrent Symposia: Session 5	entropy and the Control of the Contr		
	Symposium 5a Phylogenetics I (Carne Lecture Theatre)	Symposium 5b Cancer and Human Genetics (Clunies Ross Lecture Theatre)		
	Chairs: Simon Ho, Nathan Lo	Chairs: Tony Papenfuss, Jenny Donald		
10.30	Rob Lanfear Improving phylogenetic analyses of large and small datasets	Janine Deakin Evolution of devil facial tumor disease chromosomes		
11.00	Sebastian Duchene	Anneke C Blackburn		
	Comparing pacemaker models of genome evolution in mammals	Polymorphisms in Cyp2r1 and disruption of the vitamin D pathway associate with the SuprMam1 breast cancer susceptibility locus in mice		
11.15	Steve Donnellan	Zhibo Gao		
	Invasion history of Black rats (Rattus rattus) in Australia - insights from mitochondrial and nuclear phylogeography	Identification of genomic alterations in oesophageal squamous cell cancer		
11.30	Fangzhi Jia	Robert Richards		
	Testing methods for inferring population history from individual genome-scale sequences	WWOX, Chromosomal Fragile Site FRA16D Spanning Gene: its role in metabolism and contribution to cancer		
11.45	Carlos E. Gonzalez-Orozco	Beata Ujvari		
	Phylogenetic regionalization: a new framework to support conservation biogeography	Anthropogenic selection enhances cancer evolution in Tasmanian devil tumours		
12.00	Charles Foster	Nicholas S Archer		
	Estimating the evolutionary timescale of flowering plants using complete chloroplast genome sequences	Sweet Taste Gene Expression And Obesity: Is There A Link?		
12.15	Daej Arab	Robert Richards		
	Phylogenetics and evolution of Australian Nasutitermitinae	RNA pathogenesis via Toll-like receptor-activated inflammation in expanded repeat neurodegenerative diseases		
12.30-1.30	Lunch (GSA 2014 AGM, Carne Lecture Theatre)			

1.30-3.30	Concurrent Symposia: Session 6			
	Symposium 6a Phylogenetics II (Carne Lecture Theatre)	Symposium 6b Gene Regulation and Epigenetics (Clunies Ross Lecture Theatre)		
	Chairs: Rob Lanfear, Nathan Lo	Chairs: Cath Suter, Hannah Nicholas		
1.30	Simon Ho Estimating evolutionary timescales using genomic data	Alyson Ashe Can immunity against viral infection be inherited epigenetically in Caenorhabditis elegans?		
1.45	Georgina M Cooke A fish out of water: understanding the evolution of land-dwelling fish using contemporary analogues of a critical step in vertebrate evolution			
2.00	Jun Tong	Justin Bloomfield		
	Estimating the evolutionary timescale for Dictyoptera	Assembling the methylome of an oilseed Brassica		
2.15	Peter Unmack	Shafagh A Waters		
	Origins of Australian freshwater fishes	DNA methylation: silencing sex chromosomes in amniote vertebrates		
2.30	Andrew Richie	Emily Remnant		
	Evaluation of the Generalised Mixed Yule-Coalescent method for species delimitation across multiple mitochondrial genes	The dynamic DNA methylation cycle in honey bee development and reproduction		
2.45	Lars Jermiin	Matthew Hoe		
	Mixture models of nucleotide sequence evolution, and the evolution of yeast genomes	SUMV-1 antagonizes the activity of synthetic Multivulva genes in Caenorhabditis elegans		
3.00	Slavica Berber	Anna Reid		
	Homeodomain interacting protein kinase (HPK-1) is required in the soma for robust germline proliferation in C. elegans	The transcriptional repressor CTBP-1 functions in the nervous system of Caenorhabditis elegans to regulate lifespan		
3.15-4.00	Afternoon Tea			
4.00-5.00	Awards Chair: Kathy Belov			
4.00	Dong Wang (Catcheside Prize)			
4.20	Katie Ayers (Alan Wilton Award)			
	RNA sequencing reveals novel candidate sex determination g	genes in chicken embryonic gonads		
4.50	Peter Dearden (Crozier Medal; Video) MJDWhite prize Best poster prize, Highly commended prize, Peoples Choice poster prize			

Poster Presentations

14060 P 14063 ju	Peter Unmack ung soo Seo Mallory Wood Jonas Bylemans	Genome-wide BAC-end sequencing of olive flounder (Paralichtys olivaceus) using two BAC libraries Comparative phylogeography of four aquatic species from the Murray-Darling Basin Phosphoinositide-specific phospholipase C (PLC) functions as an effector molecule in the signal transduction process. Investigating the Role of Homeodomain-Interacting Protein Kinase in Caenorhabditis
14063 ju	ung soo Seo Mallory Wood	Phosphoinositide-specific phospholipase C (PLC) functions as an effector molecule in the signal transduction process. Investigating the Role of Homeodomain-Interacting Protein Kinase in Caenorhabditis
	Mallory Wood	the signal transduction process. Investigating the Role of Homeodomain-Interacting Protein Kinase in Caenorhabditis
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	Ionas Rylomans	elegans
14098 J	onas bytemans	Monitoring freshwater fish communities using eDNA metabarcoding.
14104 R	Rheyda Hinlo	Parameterisation of eDNA Detection Probabilities for the Identification of Rare Aquatic Species
14112 S	Sally Mortlock	Early T-cell gene response to activation in Bullmastiffs
14121 X	(iuwen zhang	Expansion of olfactory receptor gene family in Australia lizard Pogona vitticeps
	Kianoush Nikoumanesh	T-DNA Insertion Lines with Altered Root System Architecture in Arabidopsis thaliana
14163 C	Cali Willet	ArrayMaker: effortless genotyping-by-sequencing from whole genome sequence alignments
14391 S	Shea Andrews	Further evidence of a lack of interaction between APOE and late-life blood pressure in predicting cognitive decline: The PATH Through Life Study
14432 E	Emory Ingles	Epigenetic analysis of devil facial tumour chromosomes
14446 N	Niklas Mather	Varroa, viral vectors and virulence: the evolution of honeybee diseases.
14472 J	Jessica Gurr	The cross-species use of high-density SNP genotyping arrays for kinship analysis in threatened equid species.
14491 T	Fracy Chew	Detection of de novo mutations in parent to offspring trios in whole genome sequences of the domestic dog
14497 A	Annie Ying-Hui Pan	Detection of cerebellar abiotrophy mutations in Australian Working Kelpie dogs using whole genome sequencing
14610 D	Denise Alves	Sneaky queen bees selectively detect and infiltrate queenless colonies
14838 K	Kyle Ewart	DNA Identification of Rhinoceros Horn
15012 J	Jennifer Sinclair	Unexpected gene-flow patterns highlight importance of peripheral populations of the world's smallest penguin
15054 L	Lotte van Boheemen	Genomic architecture and repeatability of rapid local adaptation
15076 P	Perran Ross	Effects of Larval Competition on the Fitness of Wolbachia-Infected Aedes aegypti (Diptera : Culicidae)
15450 D	Denis O'Meally	Bioinformatics Resource Australia – EMBL: Data Integration
16192 J	Jessica Hacking	Factors shaping disease-resistance-gene diversity in an Australian reptile
16397 J	Jaime Gongora	Comparative analyses of Complement genes in Crocodilians
16398 H	Hilary Miller	Geneious R7: A bioinformatics platform for biologists

ID	Presenter	Title
16399	Hilary Miller	De novo assembly of circular genomes using Geneious R7.
16402	Jaime Gongora	Characterisation and comparative analyses of the saltwater crocodile MHC
16403	Akira Gokoolparsadh	Functional Role of IMMP2L in Astrocytes and its Implication in Tourette Syndrome
16468	Jaime Gongora	Genome-wide SNP and population genetics of platypuses from across Australia
16488	Jaime Gongora	European and Asian contribution to the genetic diversity of South American chickens
17563	Grace Campbell	Ribosomal Protein Mutants Affect Female Fertility in Arabidopsis thaliana
18309	Caitlin Hennessey	Identification of polycomb group genes and Phosphoinositide-3-Kinase as new regulators of wing disc eversion in Drosophila
18317	Bill Sherwin	Population viability and major histocompatibility complex (MHC) genetic diversity of two dolphin populations in Western Australia
18331	Mark Crowe	Bioinformatics Infrastructure and Training Resources in Australia
18332	Charles Foster	Gone with the wind? A systematic revision and biogeographic treatment of Logania R.Br. (Loganiaceae)
18333	Sebastian Duchene	Improving estimation of evolutionary timescales from multi-gene data sets using ClockstaR



Workshops

Thursday July 10th

Accessing EBI resources through the Bioinformatics Resource Australia EMBL

Organizer Dr Mark Crowe Time 9am – 12:30pm

Location Loxton Flexible Teaching Lab (Lvl 2),

JD Stewart building (B01), The University of Sydnety

Introduction to GenAlEx

Organizer Prof. Rod Peakall

Time 9am -5pm

Location Room 223 Small Group teaching space (Lvl2),

RMC Gunn building (B19), The University of Sydney

An Introduction to Galaxy with the Genomics Virtual Lab

Organizer Dr Mark Crowe Time 1:30pm – 5pm

Location Loxton Flexible Teaching Lab (Lvl 2),

JD Stewart building (B01), The University of Sydney

Introduction to Phylogenetic Analysis

Organizer A/Prof. Simon Ho

Time 9am -5pm

Location Charles Perkins Centre, Room TBC

Friday July 11th

Introduction to R

Organizer Sebastián Duchêne

Time 9am -5pm

Location Charles Perkins Centre, Room TBC

- 1 JD Steward Building
- 2 Gunn Building
- 3 Charles Perkins Centre (CPC)



General Conference Information

Conference Venue

Veterinary Science Conference Centre (VSCC) University of Sydney

Internet access

WiFi available, see registration desk for details

GSA Conference App

http://gsa2014.m.asnevents.com.au/

Conference Dinner Venue

The Grandstand Restaurant (Bruce Williams Pavilion) University of Sydney

Early Career Research Event

Forest Lodge Hotel, 117 Arundel St, Forest Lodge NSW 2037 (about 5 min. walk from Veterinary Science Conference Centre)

Transport Information Travelling from Sydney Airport

Taxis from the airport to the vicinity of the University of Sydney are about \$40 depending on traffic. Please see www.sydneyairport.com.au/go/by-taxi for further information.

Trains run regularly between the airport and the city. Fares to the city from the domestic terminal are \$15.90 (full) or \$11.40 (concession) one way. Please see www.sydneyairport.com.au/go/by-train.for more information.

Getting to the University of Sydney

The conference venue is the Veterinary Science Conference Centre at the University of Sydney (closest entrance at Ross Street).

From Central station, it is a 2 km walk or a 10 minute bus ride to the University of Sydney. From Stand D at Railway Square (on the western side of Central Station), routes M10, 412, 413, 436, 438, 439, 440, 461, 480, and 483 will drop you at Ross Street, which is 50m from the conference venue. From Stand C at Railway Square, routes 422, 423, 426, 428 and M30 will drop you in Newtown (closest stop King Street opposite Carillon Avenue), which is a 10 minute walk to the conference venue. These buses depart from Railway square every few minutes.

Please note that these buses are prepay only between 7am and 7pm on weekdays; tickets can be purchased from most convenience stores as well as a ticket office at railway square, and the multi-use tickets are fairly economical.

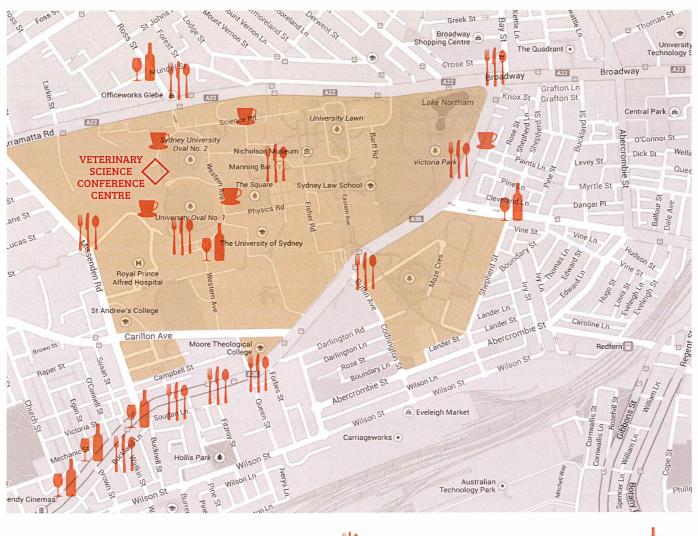
From Redfern station, it is a 2km walk to the University of Sydney.

- A Forest Lodge Hotel
- **B** Veterinary Science Conference Centre
- C The Grandstand Restaurant (Bruce Williams Pavilion)
- D Redfern Train Station



General Conference Information

Gastronomic Services









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(elegan) Tou homologue PTL-1 - regulates neuronal aging trach RNAi feeding - bacteria?

Burte las Voltige goted chloride chomed (LC - Single Draw amalgue for each of 3 classes CLCa, b, c - Pelement = civien margine analysis - twin Epst

Algheimer Dongleid Bota BB - impained mitches MERCE 2014 DELEGATE PROGRAM

r. AB in lelegons **Notes** Human Ap > C. edoyan/ !!? Licotinic Actoline receptors (Potterhan lab) fictine = chemical chapelone DAG - fineral reistance Acepturs move from & Spinorad of Micetine (?) Borndt gruber Goog distance marix - general D.m. Friction D.M. (cost) Land gentegort - unused in Aust. Jalkie (han EKP resultations Jasults mt haps - sech this ontype Kyud entribution expectation (?) Starlings - Inserine section 6 CBS plater from Cornell Missing sre, Kathie Lock of live in interaction (?) Jen (iming Bt slaver tran B) Michelle Pearce (ecoptor) Forme LATP &B Clawfish Cath Jute/
MLHI (2004?) | Birth weight methylation IAP #) Dyour; Feed => F1 = garm-tire cells 6 gans of feeding

Notes

Variably notylated regions Episcontial 7 more evolution Supplement + lelection Remove Juplement - Idection / esc/ sel Stabilized geraline ??1 Diabetes -+ + ala . besc - ala ala se ala dermed unless god on western diet Mong genes involved Adaptive belome? Catarpillars Stere Simpron! More important in of offering on overweight igfzb/2 micro Prin arin liver down-regulated Ineall RAD in sperm this of the Catrina Jackson CEU of STA Bance COI?"

Bulk bone - Tourne - devil, pot oras, tree Kangaroo!? Striated pardelote Test - persons poo Herbal medicines - eg Asarun

WA 2.0 Lanfear Felsantein model - 1 model 1904909384 on models All - PE (partition founder) Patition/1.0 BIC score Experime Sample Size Bujetium ESS? 7200? Higher partition & Pachene sono effects lineage effects multiple pasemetress!? gove + lineye " These Dumalan Black ras - worst parts of humans (hrithey Island -10 mt lineager - admixed 55 tranget specs - Jon martin "Ship rats" Fam Zia Bayriam Skyline plat PSMC Li + Darbin 2011 TMRCA Delationship between BSP = LD ??? lingle gonore !? Different groups, different hotspots (Marry - Darling bara) Michales Archer Umamitate CAGCPGG Barietais patients - gain sweet tute 60 E THIP3 expression heavise receptors - preference PTOTAT THOP hob Richards Cod/ 2 gain Pob glutamine de RMA >> Dicer -Tall recortors required Dissected to 7-mas 7800 CARCAG CARCAGCAG Simon Ho Relaxed molec cheks (1: nege effects) Bird phylogeny Potato bigner forgus Juntong Dittgoptera (martid) cockreaches Termiter) Naclea, saes, \$ 1000 + Bacterial 1 yrabint

Justin Bloomfield of reset in maioris) Brastica repa Led o bisulph os illumina CE CHC! CHA CG low or high 777 €\$G mistale Shapays water 15th, erap inadivation serone-wite netylation Histore madif. y. metylation Kind (6 75-vir son) Not promote/ silancing! (*) DANT3 + LANAi = worker - queen 0- Fertilisch eggs Prone -> Sporn (2) (3) Core set of meth. core set of meth. speron under meth populate Eli. Stoned - B From Firmill leb - select resistant [1: Dnibin 201]

D5 break? Dony Hang Katie Dyers Des development DARTION DARTION DE 27 are gene? LIST W gares