

Annual Conference of the Genetics Society of Australasia with the NZ Society for Biochemistry Molecular Biology Dunedin, NZ 2-6 July 2017

Programme

	Sunday 2 July	Monday 3 July	S2	S3	S4	Tuesday 4 July	S2	S3	Wednesday 5 July	S2	S3	Thursday 6 July
9:00 AM - 9:45 AM		S1 Keynote: Hugo Brien Drosophila to identify and unravel pathogenic mechanisms of human genetic diseases				S1 Keynote: Rebecca Johnson Wildlife genomics and conservation			S1 Keynote: Tom Gilbert			Albatross / Larnach Tour departs 10.00am
9:45 AM - 10:15 AM		Morning tea										
10:15 am - 10:20 am		Keynote: Antony Dean Practical Adaptive Landscapes				Keynote: Jacqui Batley Genotyping Brassicas: The need for a pangenome			Ancient DNA Plenary			Orokonui Tour Departs Emerson Brewery Tour Both 10.15 am
10:20 am - 10:25 am									Lisa Matisoo-Smith			
10:25 am - 10:30 am									Jon Waters			
10:30 am - 10:35 am									Climatic and anthropogenic drivers of ecosystem change in the Southern Hemisphere			
10:35 am - 10:40 am									David Lambert			
10:40 am - 10:45 am												
10:45 am - 10:50 am												
10:50 am - 10:55 am												
10:55 am - 11:00 am												
11:00 am - 11:05 am		Leanne Dibbens				Tammy Steeves Genetic diversity in captive breeding						
11:05 am - 11:10 am												
11:10 am - 11:15 am												
11:15 am - 11:20 am												
11:20 am - 11:25 am		Owen Marshall Cell-type specific profiling chromatin states within the brain				Anna Santure Using conservation genomics to predict adaptive potential in hihī						
11:25 am - 11:30 am						Justin O'Sullivan Decoding obesity & type-2 diabetes co-morbidity			GSA Education Award			
11:30 am - 11:35 am	Larnach/Albatross Tour Departs	Paul Gardner The avoidance of random RNA interactions controls bacterial protein expression				Lunch			Young Sci-Com lunch			
11:35 am - 11:40 am		Lunch										
11:40 am - 11:45 am	Emerson Brewery Tour Departs	Leonie Quinn Drosophila and mouse genetic models				Maja Adamska Developmental genomics of sponges			Microbial Genomics Scott Beatson et al	Ancient DNA Symposium Alex Salis	Statistics Workshop	Anatomy Museum Tour 12.50 pm
11:45 am - 11:50 am	Orokonui Tour Departs Anatomy Museum (12.50)								Chair: Xochitl Morgan	Lindsay Fenderson		
11:50 am - 11:55 am		Louise Bicknell Deciphering the role of DNA replication in human growth and development				Coral Warr				Alicia Greely		
11:55 am - 12:00 pm		Jemma Geoghegan Predicting pandemics: the evolution of infectious disease								Michael Knapp		
12:00 pm - 1:00 pm		Austen Ganley How the other half live: the evolution of repetitive DNA	R/R Shiny Workshop			CC19	CC22	CC29		Nic Rawlence		
1:00 pm - 1:05 pm		Phil Lester Using population genetics and genomics for the control of invasive insects				CC20	CC23	CC30		Lara Shepherd	Workshop Best Practice in RNA seq	
1:05 pm - 1:10 pm		Afternoon tea				CC21	CC24	CC31		Tess Cole		
1:10 pm - 1:15 pm		CC1	R/R Shiny Workshop continued	CC7	CC13	Biochem + Evolution Colin Jackson et al. Predicting the future and reconstructing the past through protein engineering	CC25	CC32	Teaching Tony Zara / Annika Boker / GSA Education Award Winner		Workshop: Best Practice in Metag	
1:15 pm - 1:20 pm												
1:20 pm - 1:25 pm												
1:25 pm - 1:30 pm		CC2		CC8	CC14	Chair: Wayne Patrick	CC26	CC33	Public Engagement Lab in a Box - Peter Dearden Brain Health Research Centre Christine Jasoni			
1:30 pm - 1:35 pm												
1:35 pm - 1:40 pm		CC3		CC9	CC15		CC27	CC34				
1:40 pm - 1:45 pm												
1:45 pm - 1:50 pm		CC4		CC10	CC16		CC28	CC35				
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2:45 pm - 3:15 pm	Orokonui Incl Conservation Genetics ECR Panel					Public Issues Panel: What's Your Role?			Catchside Award (PhD) Award			
3:15 pm - 3:20 pm									Award			
3:20 pm - 3:25 pm									Alan Wilton (ECR) Award			
3:25 pm - 3:30 pm									Award			
3:30 pm - 3:35 pm									Ross Crozier (Mid C) Award			
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4:55 pm - 5:00 pm												

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Welcome/Opening

Keynote: Daniel MacArthur
Using large-scale genomic databases to interpret genetic variation

Poster Session 1

Keynote: Elinor Karlsson
Public Lecture
Pet dogs, citizen science and complex behavioral genetics

Student Function

NZSBMB Award Lecture

Art & Genetics Opening

Conference Dinner
Otago Museum

MJD White Medal Awards

Tom Gilbert
Public Lecture