

SUNDAY 16 JULY 2023

0900-1700	Optional Satellite Meeting - Biodiversity Genomics - A Global Perspective MCEC - Room 219
	Public Program
1600-1630	Celebrating Science & Faith St Paul's Cathedral
1200-1930	Registration Open - Foyer
1700-1745	Congress tips for HDR Students and Early Career Researchers - MCEC - Hospitality Room 6 Upper Level
1800-2100	Opening Ceremony & Welcome Reception - Plenary Hall 2

MONDAY 17 JULY 2023

0730-1730	Registration Open - Foyer					
0830-0930	Plenary Session 1 – Plenary Hall 2					
	Mark Blaxter - Wellcome Sanger Institute, UK New biology from new genomes: The Tree of Life project <i>Chair: Jenny Graves, Australia</i>					
0930-1000	Morning Tea and Poster Viewing – Exhibition Hall					
1000-1200	Symposia Session A					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	A1: Genomes & Biodiversity	A2: Microbes & Microbiomes	A3: Indigenous Genomics in the Precision Medicine Era	A4: Rare Disease Genetics & Biology	A5: Atlases for Cell & Developmental Biology	A6: Plant Ecological & Conservation Genetics
	Room 203	Room 204	Room 210/211	Room 212/213	Room 219	Room 220
1200-1400	Lunch and Poster Sessions (Odd poster numbers presented) – Exhibition					
1215-1345	Industry Lunch Sessions					
1400-1600	Symposia Session B					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	B3: Paleogenomics	B2: Population Genetics & Genomics	B5: Emerging Applications in 'Omics Technologies - Filling the Gaps	B4: Ethical, Legal & Social Issues in Genomic Medicine	B6: Cell Signalling & Regeneration	B1: Plant Biotechnology & Genome Editing
	Room 203	Room 204	Room 210/211	Room 212/213	Room 219	Room 220
1600-1630	Afternoon Tea and Poster Viewing – Exhibition Hall					
1630-1730	Plenary Session 2 – Plenary Hall 2					
	Nicola Mulder - University of Cape Town, South Africa Leveraging bioinformatics capacity to implement African genomics for health <i>Chair: Alex Brown Australia</i>					
	Public Program					
1800-1930	Women in Science – Unique journeys to different peaks Melbourne Convention & Exhibition Centre – Room 210					



TUESDAY 18 JULY 2023

0700-0815	Industry Breakfast Session					
0730-1730	Registration Open - Foyer					
0830-0930	Plenary Session 3 – Plenary Hall 2					
	Ruth Lehmann, Whitehead Institute for Biomedical Research, USA 'Seeing' translation - in germ granules <i>Chair: Hongyan Wang, Singapore</i>					
0930-1000	Morning Tea and Poster Viewing – Exhibition Hall					
1000-1200	Symposia Session C					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	C1: Host/ Pathogen Interactions Room 203	C2: Conservation Genetics Room 204	C3: Equity & Diversity in the Application of Human Genomics Room 210/211	C4: Disease Gene Identification & Functional Genomics Using Animal Models Room 212/213	C5: Gene Regulation & RNA Biology Room 219	C6: Plant Breeding & Food Security Room 220
1200-1400	Lunch and Poster Sessions (Even poster numbers presented) – Exhibition					
1215-1345	Industry Lunch Sessions					
1400-1600	Symposia Session D					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	D1: Evolution & Development Room 203	D2: Ecological Epigenetics Room 204	D3: Bioinformatics & Computational Biology Room 210/211	D4: Genomic Therapies & Precision Medicine Room 212/213	D5: Neurogenetics of Behaviour Room 219	D6: Plant interactions with Other Organisms Room 220
1600-1630	Afternoon Tea and Poster Viewing – Exhibition Hall					
1630-1730	Plenary Session 4 – Plenary Hall 2					
	Neil Gemmell, University of Otago, New Zealand Fishing for insights in sex determination, differentiation and reproductive biology <i>Chair: Peter Dearden, New Zealand</i>					
	Public Program					
1930	Oratorio - Origins of the Universe, of Life, of Species, of Humanity Melbourne Recital Centre					



WEDNESDAY 19 JULY 2023

0700-0815	Industry Breakfast Session					
0730-1730	Registration Open - Foyer					
0830-0930	Plenary Session 5 – Gruber Genetics Prize 2023 Recipients - Plenary Hall 2					
	<p>Allan Jacobson, University of Massachusetts, USA NMD, translation termination, and readthrough therapy: consequences and suppression of genetic nonsense</p> <p>Lynne Macquat, University of Rochester, USA Nonsense-mediated mRNA decay in human health and disease</p> <p><i>Chair: Allan Spradling, USA</i></p>					
0930-1000	Morning Tea and Poster Viewing – Exhibition Hall					
1000-1200	Symposia Session E					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	E1: Genetic Strategies to Control Pests & Disease Vectors	E2: Climate Change Genetics	E3: Tandem-Repeat Genomics Informing Polygenic Human Disorders & Traits	E4: Counselling, Communication & Consent in Human Genetics Contexts Across The Lifetime	E5: Cell & Organoid Models for Human Disease Mechanisms	E6: Agricultural & Horticultural Genetics
	Room 203	Room 204	Room 210/211	Room 212/213	Room 219	Room 220
1200-1430	Poster Viewing – Exhibition (exhibition closes at 1430)					
	Afternoon Speciality Sessions					
1200-1530	GSA Program – Room 210 GSA AGM GSA Award Presentations					
1300-1615	HGSA Program – Room 212 HGSA Sutherland Lecture HGSA AGM HGSA Oration					
1630-1730	Meet the Editor – Room 203 Public Program					
1730-1830	Genetics vs Sport - Are super athletes born or made? Melbourne Conversations held at Melbourne Convention & Exhibition Centre - Room 210					
1830-1930	Future Forums: The genetic rescue of our fantastic beasts Melbourne Museum					



THURSDAY 20 JULY 2023

0700-0815	Industry Breakfast Session					
0730-1730	Registration Open - Foyer					
0830-0930	Plenary Session 6 – Plenary Hall 2					
	Detlef Weigel - Max Planck Institute, Germany Paranoid Plants: Genetic Conflict in the Immune System <i>Chair: Suresh Balasubramanian, Australia</i>					
0930-1000	Morning Tea and Poster Viewing – Exhibition Hall					
1000-1200	Symposia Session F					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	F1: Evolutionary Genetics Theory Room 203	F2: Environmental Genomics Room 204	F3: Cell-free DNA Technologies: Challenges & Opportunities Room 210/211	F4: Identifying Functional Target Genes at GWAS Loci Room 212/213	F5: New Experimental Model Organisms for Genetics Research Room 219	F6: Plant Cell & Developmental Biology Room 220
1200-1400	Lunch and Poster Sessions (Odd poster numbers presented) – Exhibition					
1215-1345	Industry Lunch Sessions					
1400-1600	Symposia Session G					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	G1: Genetics & Epigenetics of Sex Room 203	G2: Invasion Genetics Room 204	G3: Accelerating Genomics Room 210/211	G4: Genetics of Complex Disease & Quantitative Traits Room 212/213	G5: Advanced Imaging in Cellular & Developmental Genetics Room 219	G6: Genetics & Genomics of Plant Evolution Room 220
1600-1630	Afternoon Tea and Poster Viewing – Exhibition Hall					
1630-1730	Plenary Session 7 – Plenary Hall 2					
	Nancy Cox - Vanderbilt Brain Institute, USA How heritability of everyday laboratory values leads to big health disparities <i>Chair: Kathryn Burdon, Australia</i>					
	Public Program					
1800-1900	Population DNA Screening for Disease Risk Melbourne Convention & Exhibition Centre – Room 210					
	Optional Social Event					
1900-2100	Connect - The Lume Melbourne Convention & Exhibition Centre					



FRIDAY 21 JULY 2023

0730-1730	Registration Open - Foyer					
0830-0930	Plenary Session 8 – Plenary Hall 2					
	<p>Anne Ferguson-Smith, University of Cambridge, UK The genetics of epigenetic variation <i>Chair: Marieke Oudelaar, Germany</i></p>					
0930-1000	Morning Tea and Poster Viewing – Exhibition Hall					
1000-1200	Symposia Session H					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Special Symposium	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	H1: Systematics & Phylogeography	H2: The Genetics of Local Adaptation	H3: Genomics-driven Healthcare	H4: Early Career Researcher Showcase	H5: Epigenetic Mechanisms & Chromatin Biology	H6: From Genebanks to Fields: Leveraging Genomics Innovations for Characterising Genetic Diversity
	Room 203	Room 204	Room 210/211	Room 212/213	Room 219	Room 220
1200-1330	Lunch and Poster Sessions (Even poster board numbers presented) – Exhibition					
1330-1530	Symposia Session I					
<i>Theme</i>	Evolutionary Genetics	Genetics & the Environment	Genomics & Genomic Technologies	Genetics & Human Health	Molecular, Cellular & Developmental Genetics	Agricultural & Plant Genetics
Symposia	I1: Molecular Evolution	I2: Genetics of Wildlife Disease & Responses to Infection	I3: Genetics & Genomics of Pandemic, Endemic & Emerging Infectious Organisms	I4: Pharmaco - genomics in Drug Discovery & Development	I5: Genetics & Biology of Ageing	I6: Plant Response to Environmental Change
	Room 203	Room 204	Room 210/211	Room 212/213	Room 219	Room 220
1530-1600	Afternoon Tea – Foyer					
1600-1700	Plenary Session 9 – Plenary Hall 2					
	<p>Eddie Holmes, University of Sydney, Australia (GSA – MJD White Award Recipient) Redefining the virosphere <i>Chair: Peter Doherty, Australia</i></p>					
1700-1730	Congress Closing (including Award Presentations)					

