



# BIOMOLECULAR HORIZONS 2024: DISCOVER CREATE INNOVATE

22-26 SEPTEMBER 2024 MELBOURNE AUSTRALIA



## Sunday 22 September 2024

0900-1600	Pre Congress Workshop - Career Development Forum
1300-1500	Pre Congress Workshop - Publishing high quality Higher Education Pedagogical Research to enhance your professional visibility (off site)
1400-1900	Registration
1700-1830	Grimwade Medal Public Lecture & Reception
	Welcome to Country
	Grimwade Opening Remarks and Presentation
Chairs	Ian van Driel & Laura Edgington-Mitchell
Speaker	Brian Kobilka ( <i>Nobel Prize Awardee</i> ) Stanford University USA
1830-1915	Refreshments

# Monday 23 September 2024 - Education Day & Indigenous Perspectives in Biomolecular Science Day

0730-1900	Registration					
0900-0935	Congress Welcome & Opening					
0935-1020	Plenary 1 - Artificial Intelligence					
Chair	Andy Hill					
Speaker	Sergey Ovchinnikov Massachusetts Institute of Technology USA					
1020-1030	Session change over					
1030-1120	Concurrent Session 1 – Keynotes					
Stream	KS1 - Bioinformatics, Computational Biology & Omics	KS2 - Molecular Basis of Disease	KS3 - Indigenous Perspectives in Genomics	KS4 - Microbial World	KS5 - Education	KS6 - Biotechnology and Synthetic Biology
Chairs	Bernie Pope Megan Maher	Justine Mintern Jerome Le Nours	Jordon Lima Cam Raw	Johnson Mak Annemarie Laumaea	Yang Mooi Lim Joon Kim	Mibel Aguilar Irene Yarovsky
Speakers	<i>Keynote speaker</i> Jane Allison University of Auckland New Zealand	<i>Keynote speaker</i> You-Me Kim Korea Advanced Institute of Science & Technology Korea <i>Kunio Yagi Lecture</i>	<i>Keynote speaker</i> Phillip Wilcox Otago University New Zealand	<i>Keynote speaker</i> Kei Sato University of Tokyo Japan	<i>Keynote speaker</i> Drew Berry Walter & Eliza Hall Institute Australia	<i>Keynote speaker</i> Shobhna Kapoor Indian Institute of Technology Bombay India <i>Jisnuson Svasti Lecture</i>
	<i>Invited speaker</i> Peter Bond Bioinformatics Institute (A*STAR) Singapore	<i>Invited speaker</i> Danika Hill Monash University Australia	<i>Invited speaker</i> Megan Leask University of Otago New Zealand	<i>Invited speaker</i> Katherine Kedzierska University of Melbourne Australia	<i>Invited speaker</i> Marilee Benore University of Michigan-Dearborn USA	<i>Invited speaker</i> Megan O'Mara University of Queensland Australia
			<i>Invited speaker</i> Dawn Lewis University of Adelaide Australia			
1120-1150	Morning Tea, Poster Viewing & Exhibition – Exhibition Hall					

1150-1240 Concurrent session 2 – Keynotes						
Stream	KS7 - Biochemical Society Award Talk	KS8 - Molecular Physiology	KS9 - Indigenous Perspectives	KS10 - Structural Biology and Biophysics	KS11 - Education	KS12 - Genomics, Gene Regulation and Epigenetics
<b>Chairs</b>	James Murphy Dario Alessi	Robyn Murphy Nimna Perara	Jessica Buck Jordon Lima	Glenn King Rosemary Cater	Nirma Samarawickrema Daniel Dries	Adrienne Sullivan Scott Berry
<b>Speakers</b>	<i>Keynote speaker</i> Marnie Blewitt Walter & Eliza Hall Institute Australia	<i>Keynote speaker</i> Brian Glancy National Institutes of Health USA	<i>Keynote speaker</i> Michael-Shawn Fletcher University of Melbourne Australia	<i>Keynote speaker</i> Nieng Yan Tsinghua University China	<i>Keynote speaker</i> Elizabeth McKinley University of Melbourne Australia	<i>Keynote speaker</i> Wei Xie Tsinghua University China
	<i>Invited speaker</i> Natasha Jansz Mater Research Australia	<i>Invited speaker</i> Ann Frazier Murdoch Children's Research Institute Australia	<i>Invited speaker</i> Cameron Raw University of Melbourne Australia	<i>Invited speaker</i> Rhys Grinter University of Melbourne Australia	<i>Invited speaker</i> Merlin Crossley University of New South Wales Australia	<i>Invited speaker</i> Melanie Eckersley-Maslin Peter MacCallum Cancer Centre Australia
			Vanessa Sewell University of New England Australia		<i>Lightning talk</i> Katherine Fernandez Monash University Australia	
					<i>Lightning talk</i> Nathan Habila Monash University Australia	

**1240-1400 Lunch, Lightning Talks, Poster Viewing & Exhibition – Exhibition Hall**

1250-1320 Lightning Talks – Exhibition Theatre

1300-1400 Poster Presentation Session

**1400-1520 Concurrent Session 3 – Symposia & Keynote**

Stream	SYM1 - Cell Signalling and Metabolism	SYM2 - Bioinformatics, Computational Biology and 'Omics	KS13 - Indigenous Perspectives	SYM3 - Structural Biology and Biophysics	SYM4 - Genomics, Gene Regulation and Epigenetics	SYM5 - Education	SYM6 - Cell, Developmental and Stem Cell Biology	SYM7 - Molecular Physiology	SYM8 - Biotechnology and Synthetic Biology
<b>Symposia title</b>	Signalling of metabolic regulation	Proteomics	Cancer and immunology	Membrane biophysics and protein structure	Transcriptional mechanisms	Education Award talks	Autophagy & cell death in organismal homeostasis	Molecular physiology of muscle	Synthetic antimicrobials
<b>Chairs</b>	Benjamin Parker Shin-Yee Fung	Ho Jeong Kwon Laura Dagley	Cameron Raw Justine Clark	Renae Ryan Shobhna Kapoor	Tamas Fischer Stefin Vervoort	Kay Colthorpe Andrew Moorehouse	Gemma Kelly Julian Carosi	Brian Glancy Robyn Murphy	Constance Baily Sacha Pidot
<b>Speakers</b>	<i>Invited speaker</i> Jon Oakhill St Vincent's Institute of Medical Research Australia	<i>Invited speaker</i> Peter Hoffman University of South Australia Australia	<i>Keynote speaker</i> Kimiora Hēnare University of Auckland New Zealand	<i>Invited speaker</i> Rosemary Cater University of Queensland Australia	<i>Invited speaker</i> Traude Beilharz Monash University Australia	Nuruliza Roslan Universiti Sains Islam Malaysia Malaysia	<i>Invited speaker</i> Michael Lazarou Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Joachim Nielsen University of Southern Denmark Denmark	<i>Invited speaker</i> Tony Velkov Monash University Australia
	<i>Invited speaker</i> David James University of	<i>Invited speaker</i> Patricia Illing	<i>Invited speaker</i>	<i>Invited speaker</i> Kamendra Sharma Indian Institute of	<i>Invited speaker</i> Charles Bell	Julian Pakay La Trobe University Australia	<i>Invited speaker</i> Sophia Davidson Hudson Institute of	<i>Invited speaker</i> Aldo Meizoso Huesca	<i>Invited speaker</i> Lauren Murray Monash

	Sydney Australia	Monash University Australia	Jordon Lima University of Otago New Zealand	Technology Bombay India	Mater Research Australia	ASBMB SDR Scientific Education Award	Medical Research Australia	University of Queensland Australia	University Australia
	Ayla Orang Flinders University Australia	Mansi Aggarwal Mass Dynamics Australia	<i>Invited speaker</i> Helena Abolins-Thompson University of Otago New Zealand	Laura Zoe Kreplin Monash University Australia	Wan Xin Goh IMU University Malaysia	Pushpa Sinnayah Victoria University Australia <i>AuPS Education Award</i>	Rachel Uren Walter & Eliza Hall Institute Australia	Jessica Briffa University of Melbourne Australia	Patrick Hock Tan Monash University Malaysia
	Kate Lawlor Hudson Institute of Medical Research Australia	Liana Semcesen University of Melbourne Australia	Jessica Buck Telethon Kids Institute Australia	Marc Kvensakul La Trobe University Australia	Rachel Woodhouse Australian National University Australia	Tracey Kuit University of Wollongong Australia	Juliani Juliani La Trobe University Australia	Wenlan Li University of Melbourne Australia	Theresa Coetzer University of KwaZulu-Natal South Africa
	Mriga Dutt, University of Melbourne Australia	Cassandra Cianciarulo La Trobe University Australia		Liza Cubeddu Western Sydney University Australia	Allegra Angeloni Garvan Institute Australia		Megan Baker University of Melbourne Australia	Wayne Du University of Melbourne Australia	Joseph Byrne University of Melbourne Australia

1520-1550 Afternoon Tea, Poster Viewing & Exhibition – Exhibition Hall

1550-1710 Concurrent session 4 – Symposia

Stream	SYM9 - Structural Biology and Biophysics	SYM10 - Bioinformatics, Computational Biology and 'Omics	SYM11 - Indigenous Perspectives	SYM12 - Molecular Basis of Disease	SYM13 - Microbial World	SYM14 - Education	SYM15 - Genomics, Gene Regulation and Epigenetics	SYM16 - Molecular Physiology	SYM17 - Biotechnology and Synthetic Biology
<b>Symposia title</b>	Machine learning in protein structure prediction	Metabolomics	Ethics and applications of molecular biology in Indigenous contexts	Aging and cancer	Molecular microbiology	Education Short Talks	Non-coding genome	Neurophysiology - a focus on new techniques	Nanomaterials for biomedicine and biotechnologies
<b>Chairs</b>	Michael Healy Isabelle Rouiller	Mike Barrett Simone Rochfort	Jessica Buck Jordon Lima	Antonella Papa Lev Kats	Antje Blumenthal Sacha Pidot	Tracy Kuit Kathryn Jones	Cecile King Selene Fernandez Valverde	Garron Dodd Gary Housley	Nevena Todorova Ravi Shukla
<b>Speakers</b>	<i>Invited speaker</i> Kate Michie University of New South Wales Australia	<i>Invited speaker</i> Eleanor Saunders University of Melbourne Australia	<i>Invited speaker</i> Justine Clark Telethon Kids Institute Australia	<i>Invited speaker</i> Tracy Bryan Children's Medical Research Institute Australia	<i>Invited speaker</i> Mark Schembri University of Queensland Australia	Reece Sophocleous University of Wollongong Australia	<i>Invited speaker</i> Archa Fox University of Western Australia Australia	<i>Invited speaker</i> Jun Nagai Riken Centre for Brain Research Japan	<i>Invited speaker</i> Patrick Charchar Royal Melbourne Institute of Technology Australia
	<i>Invited speaker</i> Joe Kaczmarks Australian National University Australia	<i>Invited speaker</i> Meiling Han Monash University Australia	<i>Invited speaker</i> Conor Watene-O'Sullivan The Moko Foundation New Zealand	<i>Invited speaker</i> Nigel Turner Victor Chang Cardiac Research Institute Australia	<i>Invited speaker</i> Wai-Hong Tham Walter & Eliza Hall Institute Australia	Alice Huang University of Sydney Australia	<i>Invited speaker</i> Juliet French QIMR Berghofer Australia	<i>Invited speaker</i> Lucy Palmer Florey Institute Australia	<i>Invited speaker</i> Jonathan Yeow University of New South Wales Australia

	Miro Astore Simons Foundation USA	Adam Shahine Monash University Australia	Panel Discussion Justine Clark Conor Watene- O'Sullivan Misty Jenkins Elizabeth McKinley	Mandeep Kaur University of the Witwatersrand South Africa	Christopher McDevitt University of Melbourne Australia	Christian Moro Bond University Australia	Sonia Hesam- Shariati University of New South Wales Australia	Georg Von Jonquieres University of New South Wales Australia	<i>Invited Speaker</i> Angus Johnston Monash University Australia
	Courtney Pilcher Royal Melbourne Institute of Technology Australia	Tao Wang University of Melbourne Australia		Naisana Seyedasli University of Sydney Australia	Stanley Xie Monash University Australia	Kathy Tangalakis Victoria University Australia	Elizabeth Kleeman The Florey Institute Australia	Rebecca San Gil University of Queensland Australia	Gabby Watson Walter & Eliza Hall Institute Australia
	Raphael Caballes University of New South Wales Australia	Mihwa Lee University of Melbourne Australia		Elaine Sanij St Vincent's Institute of Medical Research Australia	Kate Whyte University of Adelaide Australia	Kay Colthorpe University of Queensland Australia	Rugile Matuleviciute King's College London United Kingdom	Dorothy Wai Monash University Australia	Jordan Cater University of Wollongong Australia
						Sonja McKeown Monash University Australia			
<b>1710-1720</b>	<b>Session change over</b>								
<b>1720-1805</b>	<b>Plenary 2 - Indigenous Perspectives in Biomolecular Science</b>								
<b>Chair</b>	Elizabeth McKinley								
<b>Speaker</b>	Misty Jenkins Walter & Eliza Hall Institute Australia								
	<b>Closing remarks on Indigenous Perspectives in Biomolecular Science Day</b> Jessica Buck, Jordon Lima, Cameron Raw								
<b>1810-2000</b>	<b>Welcome Reception – Exhibition Hall</b>								

# Tuesday 24 September 2024 - RNA Technology Day

<b>0730-0815</b>	<b>BioNTech Industry Breakfast (advance booking required)</b>					
<b>0730-1800</b>	<b>Registration</b>					
<b>0830-0915</b>	<b>Plenary 3 - RNA Technology</b>					
<b>Chair</b>	Archa Fox					
<b>Speaker</b>	Norbert Pardi University of Pennsylvania USA					
<b>0915-1000</b>	<b>Plenary 4 – RNA Technology</b>					
<b>Chairs</b>	Traude Beilharz & Salvatore Russello					
<b>Panel</b>	Amanda Caples, Victoria's Chief Scientist, Australia Kate Jeffrey, Moderna, USA Catherine Mills, Monash Bioethics Institute, Australia Steve Rockman, CSL/Seqiris, Australia					
<b>1000-1030</b>	<b>Morning Tea, Poster Viewing &amp; Exhibition – Exhibition Hall</b>					
<b>1030-1135</b>	<b>Concurrent session 5 – Keynotes</b>					
<b>Stream</b>	<b>KS14 - RNA Technology Day</b>	<b>KS15 - Molecular Physiology Short Talks</b>	<b>KS16 - Cell Signalling and Metabolism</b>	<b>KS17 - Structural Biology and Biophysics</b>	<b>KS18 - Genomics, Gene Regulation and Epigenetics</b>	<b>KS19 - Cell, Developmental and Stem Cell Biology</b>
<b>Chairs</b>	Tim Mercer Claire Borg	Paul Gregorevic Noni Frankenberg	Peter Mace Kate Quinlan	Brett Collins Alisa Glukhova	Rhys Allan Melanie Eckersley-Maslin	Sharad Kumar Leonie Quinn
<b>Speakers</b>	<i>Keynote speaker</i> Yue Wan Genome Institute of Singapore Singapore <i>Takashi Murachi Lecture</i>	Johannes Janssens Cedars-Sinai Medical Center USA	<i>Keynote speaker</i> Alexandra Newton University of California USA	<i>Keynote speaker</i> Brian Kobilka Stanford University USA	<i>Keynote speaker</i> Job Dekker University of Massachusetts USA	<i>Keynote speaker</i> Hozumi Motohashi Tohoku University Japan <i>Osamu Hayaishi Lecturer</i>
	<i>Invited speaker</i> Damian Purcell University of Melbourne Australia	Deanne Hryciw Griffith University Australia	<i>Invited speaker</i> Julia Pagan University of Queensland Australia	<i>Invited speaker</i> Denise Wootten Monash University Australia	<i>Invited speaker</i> Joanna Achinger-Kawecka Garvan Institute Australia	<i>Invited speaker</i> Loretta Dorstyn University of South Australia Australia
	Nikolay Shirokikh Australian National University Australia	Yuqin Wu Monash University Australia	Gregory Redpath University of New South Wales Australia	Charles Cox Victor Chang Cardiac Research Institute Australia	Ashley Rozario La Trobe University Australia	Renee Chow Australian Regenerative Medicine Institute Australia
		Te-Rina King-Hudson University of Canterbury New Zealand				
		Ryan Bagaric Victoria University Australia				
		Jo-Anna de la Mare Rhodes University South Africa				

1135-1145	Session change over					
1145-1250	Concurrent session 6 – Keynotes					
<b>Stream</b>	<b>KS20 - RNA Technology Day</b>	<b>KS21 - Precision Medicine</b>	<b>KS22 - Cell, Developmental and Stem Cell Biology</b>	<b>KS23 - Molecular Basis of Disease</b>	<b>KS24 - Molecular Physiology</b>	<b>KS25 - G.N. Ramachandran Lecture</b>
<b>Chairs</b>	Colin Pouton Chun-Xia Zhao	Dominic Ng Kate Sutherland	Leonie Quinn Sharad Kumar	Mark Schembri Dimitra Chatzileontiadou	Adam Rose Severine Lamon	Sheila Nathan Terry Piva
<b>Speakers</b>	<i>Keynote speaker</i> Petro Terblanche Afrigen Biologics & Vaccines South Africa	<i>Keynote speaker</i> John Chambers Nanyang Technological University Singapore	<i>Keynote speaker</i> Nick Barker A*STAR IMCB Singapore	<i>Keynote speaker</i> Victor Nizet University of California San Diego USA	<i>Keynote speaker</i> Marian Walhout University of Massachusetts USA	<i>Keynote speaker</i> Raghavan Varadarajan Indian Institute of Science India
	<i>Invited speaker</i> Joanna Groom Walter & Eliza Hall Institute Australia	Sarah Garnish Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Helen Abud Monash University Australia	<i>Invited speaker</i> Francesca Short Monash University Australia	<i>Invited speaker</i> Roger Pocock Monash University Australia	Chyan Leong Ng Universiti Kebangsaan Malaysia
	Honglin Chen Peter MacCallum Cancer Centre Australia	Anderly Chüeh Monash Biomedicine Discovery Institute Australia	Kazuhide Okuda La Trobe University Australia	Maria Kaparakis-Liaskos University of Melbourne Australia	Dino Premilovac University of Tasmania Australia	
1250- 1430	Lunch, Lightning Talks, Poster Viewing & Exhibition – Exhibition Hall					
1300-1330	Lightning Talks – Exhibition Theatre					
1315-1415	Lunchtime Technical Workshops					
1315-1415	<b>Workshop 1 – Protein structure prediction</b>		<b>Workshop 2 – Synchrotron science</b>		<b>Workshop 3 – The future of publishing</b>	
<b>Chairs</b>	Martin Stone		Alan Riboldi-Tunncliffe		Alisa Glukhova & Merlin Crossley	
<b>Speakers</b>	Michael Healy University of Queensland Australia Janesha Maddumage La Trobe University Australia		Christopher Szeto ANSTO Australia Annmaree Warrender ANSTO Australia		Benjamin Parker University of Melbourne Australia Pamela Silver Harvard University USA	

1430-1550									
Concurrent session 7 – Symposia									
Stream	SYM18 - RNA Technology Day	SYM19 - Cell Signalling and Metabolism	SYM20 - Molecular Basis of Disease	SYM21 - Structural Biology and Biophysics	SYM22 - Genomics, Gene Regulation and Epigenetics	SYM23 - Bioinformatics, Computational Biology and 'Omics	SYM24 - Microbial World	SYM25 - Biotechnology and Synthetic Biology	SYM26 - Cell, Developmental and Stem Cell Biology
Symposia title	RNA biology	Metabolism in health and disease	Vaccines	Structure-guided drug design	Developmental gene regulation and enhancers	Single cell 'omics	Intra dynamics of microbes and their host	Engineered living materials	Cell & developmental biology in disease
Chairs	Irina Voigneau Thomas Preiss	Kyle Hoehn Nigel Turner	Erin Brazel Mark Walker	Joon Kim Michael Parker	Wei Xie Emily Wong	Matt Lewsey Rory Bowden	Gilda Tachedjian Victor Nizet	Bini Zhou & Melissa Call	Hozomi Motohashi Michael Samuel
Speakers	<i>Invited speaker</i> Gavin Knott Monash University Australia	<i>Invited speaker</i> Emma Rybalka Victoria University Australia	<i>Invited speaker</i> Gabrielle Belz University of Queensland Australia	<i>Invited speaker</i> Ben Krinkel University of Auckland New Zealand	<i>Invited speaker</i> Matthias Francois The Centenary Institute Australia	<i>Invited speaker</i> Maria Jelinic La Trobe University Australia	<i>Invited speaker</i> Mirim Jin Gachon University South Korea	<i>Invited speaker</i> Andrea O'Connor University of Melbourne Australia	<i>Invited speaker</i> Kate Sutherland Walter & Eliza Hall Institute Australia
	<i>Invited speaker</i> Sarah Diermeier University of Otago New Zealand	<i>Invited speaker</i> Clinton Bruce Deakin University Australia	<i>Invited speaker</i> Tony Cunningham, The Westmead Institute for Medical Research Australia	<i>Invited speaker</i> Nadia Kershaw Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Edwina McGlinn Monash University Australia	<i>Invited speaker</i> Carolyn de Graaf Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Gregory Moseley Monash University Australia	<i>Invited speaker</i> Mark Shannon Australian National University Australia	<i>Invited speaker</i> Claudia Bruedigam QIMR Berghofer Australia
	Brooke Kwai Monash Institute of Pharmaceutical Sciences Australia	Janni Petersen Flinders University Australia	Anurag Adhikari La Trobe University Australia	Ivanhoe Leung University of Melbourne Australia	Lily Pearson University of New South Wales Australia	Kieran Redpath University of Otago New Zealand	Kha Phan La Trobe University Australia	Sung Ok Han Korea University South Korea	Ruth Arkeil Australian National University Australia
	Tayyaba Younas Monash University Australia	Glenn Wadley Deakin University Australia	Manasi Arcot Anil Kumar, University of Melbourne Australia	Joel Mackay University of Sydney Australia	Luke Isbel South Australian immunoGenomics Cancer Institute Australia	Rosalia Quezada Urban Monash Biomedicine Discovery Institute Australia	Damian Oyong Burnet Institute Australia	Samara Bridge University of Technology Sydney Australia	Sandhya Visweswariah Indian Institute of Science India
	Joanna Hicks University of Waikato New Zealand	Huige Lin Hong Kong Polytechnic University Hong Kong	Nicholas Gracie University of Sydney Australia	Shannon Wing Ngor Au Chinese University of Hong Kong China	Wei Cao Monash University Australia	Gabriella Farrugia Baker Heart & Diabetes Institute Australia	Sally Byers Monash University Australia	Dan Mulvihill University of Kent United Kingdom	Daniela Loessner Monash University Australia
1550-1620									
Afternoon Tea, Poster Viewing & Exhibition – Exhibition Hall									



1620-1750									
Concurrent session 8 – Symposia									
Stream	SYM27 - RNA Technology Day	SYM28 - Bioinformatics, Computational Biology and 'Omics	SYM29 - Molecular Basis of Disease	SYM30 - Structural Biology and Biophysics	SYM31- Genomics, Gene Regulation and Epigenetics	SYM32 - Molecular Physiology	SYM33 - Cell Signalling and Metabolism	SYM34 - Microbial World	SYM35 - Cell, Developmental and Stem Cell Biology
Symposia title	mRNA applications and challenges	Systems biology	Metabolic disease	Single molecule biophysics	Chromatin & epigenetics	Cardiac physiology	Kinase based signal transduction	One health: challenges and solutions	Non-mammalian models of development
Chairs	Norbert Pardi Natalie Trevaskis	Lan Nguyen Marc Wilkins	Kristin Brown Enyuan Cao	Toby Bell Senthil Arumugam	Phillippa Taberlay Luke Isbel	Livia Hool Lea Delbridge	Dario Alessi Isabelle Lucet	Michelle Wille Prasad Paradkar	Ben Hogan Kieran Harvey
Speakers	<i>Invited speaker</i> Angus Johnston Monash University Australia	<i>Invited speaker</i> Emily Wong Victor Chang Cancer Research Institute Australia	<i>Invited speaker</i> Kate Quinlan University of New South Wales Australia	<i>Invited speaker</i> TBC	<i>Invited speaker</i> Elizabeth Hinde University of Melbourne Australia	<i>Invited speaker</i> Wally Thomas University of Queensland Australia	<i>Invited speaker</i> Sila Ultanir Francis Crick Institute United Kingdom	<i>Invited speaker</i> David Williams CSIRO Australia	<i>Invited speaker</i> Roger Pocock Monash University Australia
	<i>Invited speaker</i> Paula Cevaal University of Melbourne Australia	<i>Invited speaker</i> Simone Li Monash University Australia	<i>Invited speaker</i> Garron Dodd University of Melbourne Australia	<i>Invited speaker</i> Frederic Meunier University of Queensland Australia	<i>Invited speaker</i> Adrienne Sullivan University of Adelaide Australia	<i>Invited speaker</i> James Mcnamara Murdoch Childrens Research Institute Australia	<i>Invited speaker</i> James Murphy Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Cameron Raw University of Melbourne Australia	<i>Invited speaker</i> Avnika Ruparella University of Melbourne Australia
	Andrew Deans St. Vincent's Institute of Medical Research Australia	Yunzhuo Zhou University of Queensland Australia	Melissa Pitman University of Adelaide Australia	Nicholas Marzano, University of Wollongong Australia	Sonia Goozee University of New South Wales Australia	Amy Hanna University of Queensland Australia	Yuliia Didan University of Queensland Australia	Kyungmoon Lee Seoul National University South Korea	Teresa Bonello, Australian National University Australia
	Shaharn Cameron University of Otago New Zealand	Diyuan Lu Helmholtz Center Germany	<i>ASBMB Fred Collins Award</i> Sai Vara Prasad Chitti La Trobe University Australia	Meijun Liu Shanghai Jiao Tong University China	Shabih Shakeel Walter & Eliza Hall Institute Australia	Kate Weeks University of Melbourne Australia	Helen Irving La Trobe University Australia	Melanie Tripp Monash University Australia	Harmanjeet Singh Monash University Australia
	Annabel Whibley Bragato Research Institute New Zealand	John Chen Australian National University Australia	Jordan Crameri University of Melbourne Australia	Martin Do University of New South Wales Australia	Nir Eynon Australian Regenerative Medicine Institute Australia	Slade Du Randt University of Queensland Australia	Chris Horne Walter & Eliza Hall Institute Australia	Genevieve Samuel Monash University Australia	Brooke Kinsela The John Curtin School of Medical Research Australia
1750-1755									
Session change over									
1754-1840									
Plenary 5 - Nobel Awardee Special									
Chair	Erinna Lee & Marilyn Anderson								
Speaker	Richard Roberts New England Biolab USA								
1845	IUBMB General Assembly								

# Wednesday 25 September 2024 - Gene Editing Day

<b>0730-1800</b>	<b>Registration</b>						
<b>0830-0915</b>	<b>Plenary 6 - Gene Editing</b>						
<b>Chair</b>	Peter Waterhouse						
<b>Speaker</b>	Caixia Gao Chinese Academy of Sciences China						
<b>0915-0925</b>	<b>Session change over</b>						
<b>0925-1030</b>	<b>Concurrent session 9 – Keynotes, Symposium and SIGs</b>						
<b>Stream</b>	<b>KS26 - Cell Signalling and Metabolism</b>	<b>KS27 - Biotechnology and Synthetic Biology</b>	<b>KS28 - Gene Editing Day</b>	<b>SYM36 - Protein homeostasis and metabolism in human health and disease</b>	<b>KS29 - Bioinformatics, Computational Biology and 'Omics</b>	<b>ASBMB Special Interest Groups</b>	<b>KS30 - Chairs Selection DNA Restriction and Gene Editing</b>
<b>Chairs</b>	Peter Mace Kate Quinlan	Wayne Patrick Colin Jackson	Gaetan Burgio Karen Massel	Danny Hatters Eun-kyung Jo	Darren Creek Simone Rochfort	Sacha Pulsford Laura Osellame Alison Roennfeldt	Nick Hoogenraad
<b>Speakers</b>	<i>Keynote speaker</i> Heather Christofk University of California USA	<i>Keynote speaker</i> Jennifer Listgarten University of California USA	<i>Keynote speaker</i> Alexis Komor University of California USA	Min Jae Lee Seoul National University South Korea	<i>Keynote speaker</i> Michael Barrett University of Glasgow UK	Ed Kerr CSIRO Australia <i>Yeast SIG</i>	<i>Keynote speaker</i> Richard Roberts New England Biolabs USA
	<i>Invited speaker</i> Mark Febbraio Monash University Australia	<i>Invited speaker</i> Matthew Spence Australian National University Australia	<i>Invited speaker</i> Marco Herold Olivia Newton John Cancer Research Institute Australia	<i>Invited speaker</i> Seung-Hoi Koo Korea University South Korea	<i>Invited speaker</i> Maria Tanzer Walter & Eliza Hall Institute Australia	Ibrahim Javed University of South Australia Australia <i>Adelaide Protein Group</i>	<i>Keynote speaker</i> Merlin Crossley University of New South Wales Australia
	Antje Blumenthal University of Queensland Australia	Nevena Todorova Royal Melbourne Institute of Technology Australia	Guillermo Garcia-Gimenez La Trobe University Australia	Jin-a Lee Hannam University South Korea	Fuyi Li University of Adelaide Australia	Farley Kwok Van Der Giezen University of Western Australia Australia <i>Perth Protein Group</i>	
						Rosemary Georgelin Australian National University Australia <i>Canberra Protein Group</i>	
						Winnie Tan Walter & Eliza Hall Institute Australia <i>Melbourne Protein Group</i>	
						Jordan Cater University of Wollongong Australia <i>Queensland Protein Group &amp; Sydney Protein Group</i>	

1030-1100	Morning Tea, Poster Viewing & Exhibition – Exhibition Hall								
1100-1210	Concurrent session 10 – Keynote & Symposia								
Stream	KS31 - Gene Editing Day	SYM37 - Bioinformatics, Computational Biology and 'Omics	SYM38 - Microbial World	SYM39 - Cell, Developmental and Stem Cell Biology	SYM40 - Genomics, Gene Regulation and Epigenetic	SYM41 - Cell Signalling and Metabolism	SYM42 - Molecular Physiology	SYM43 - Biotechnology and Synthetic Biology	SYM44 - Molecular Basis of Disease
Symposia title		Molecular dynamics simulation of biomolecules	Environmental microbiology	Stem cells and organoids	Nuclear organisation	Chemical biology in metabolism and signalling	Vascular biology	Self-assembly for synthetic biology	Immunology and disease
Chairs	Gavin Knott Cynthia Taveneau	Peter Bond Megan O'Mara	Ian Paulsen Rachael Lappan	Nick Barker Helen Abud	Job Dekker Joanna Achinger-Kawecka	Yuning Hong Peter Mabbitt	Maria Jelinic Dino Premilovac	Mibel Aguilar Christina Cortez-Jugo	Matthew Sweet James Curson
Speakers	<i>Keynote speaker</i> Peter Fineran University of Otago New Zealand	<i>Invited speaker</i> Evelyne Deplazes University of Queensland Australia	<i>Invited speaker</i> Jen Wood La Trobe University Australia	<i>Invited speaker</i> Alice Pébay University of Melbourne Australia	<i>Invited speaker</i> Timothy Johanson Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Xin Zhang Westlake University China	<i>Invited speaker</i> Etto Eringa Amsterdam University Medical Centres The Netherlands	<i>Invited speaker</i> Joel Schneider National Cancer Institute USA	<i>Invited speaker</i> Sumaira Hasnain Mater Research Institute Australia
	<i>Invited speaker</i> Robert Edwards University of Western Australia Australia	<i>Invited speaker</i> Satoshi Omori Nagahama Institute of Bio-Science and Technology Japan	<i>Invited speaker</i> Sasha Tetu Macquarie University Australia	<i>Invited speaker</i> Dustin Flanagan Monash University Australia	<i>Invited speaker</i> Amanda Khoury Garvan Institute Australia	<i>Invited speaker</i> Rebecca Feltham Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Kristin Bubb Monash University Australia	<i>Invited speaker</i> Jessica Kretzmann University of Western Australia Australia	<i>Invited speaker</i> Dragana Dragoljevic Baker Institute Australia
	Zheng Gong University of Queensland Australia	Joshua Brown CSIRO Australia	Trevor Lithgow Monash University Australia	Amy Baxter La Trobe University Australia	Christine Keenan University of Melbourne Australia	Esteban Cruz University of Queensland Australia	Sonia Tamanna University of Dhaka Bangladesh	Ben McLean Royal Melbourne Institute of Technology Australia	Dimitra Chatzileontiadou La Trobe University Australia
		Sérgio Sousa University Porto Portugal	Luis Valentin-Alvarado University of California Berkeley USA	Claire Storey Walter & Eliza Hall Institute Australia	Taylor Gallagher University of Otago New Zealand	Mark Hampton University of Otago New Zealand	Nasiru Suleiman Usmanu Danfodiyo University Sokoto Nigeria	Anton Le Brun ANTSO Australia	Inês da Silva University of Lisbon Portugal
1210-1330	Lunch, Lightning Talks , Poster Viewing & Exhibition - Exhibition Hall								
1220-1250	Lightning Talks								
1230-1330	Poster Presentations								

1330-1450									
Concurrent session 11 – Symposia									
Stream	SYM45 - Gene Editing Day	SYM46 - Molecular Basis of Disease	SYM47 - Microbial World	SYM48 - Cell, Developmental and Stem Cell Biology	SYM49 - Gene Editing Day	SYM50 - Structural Biology and Biophysics	SYM51 - Biotechnology and Synthetic Biology	SYM52 - Cell Signalling and Metabolism	SYM53 - Molecular Physiology
Symposia title	Biology of CRISPR	Neurological disease	Antimicrobial resistance	Imaging in cell and developmental biology	CRISPR engineering	Advances in microscopy	Protein design	Protein degradation	Developmental physiology: Heating it up with advanced imaging in pregnancy and impacts on offspring
Chairs	Alexis Komor Gaetan Burgio	Frederic Meunier Rebecca San Gil	Jonathan Iredell Stephanie Neville	Hongbin Jin John Lock	Peter Fineran Caixia Gao	Donna Whelan Kate McArthur	Jacqui Matthews Joe Kaczmarek	Min-jae Lee Julia Pagan	Janna Morrison Deanne Hryciw
Speakers	<i>Invited speaker</i> Cynthia Taveneau Monash University Australia	<i>Invited speaker</i> Lars Ittner Macquarie University Australia	<i>Invited speaker</i> Daniel Medati University of Technology Sydney Australia	<i>Invited speaker</i> Kylie Dunning University of Adelaide Australia	<i>Invited speaker</i> Karen Massel University of Queensland Australia	<i>Invited speaker</i> Senthil Arumugam EMBL Australia Australia	<i>Invited speaker</i> Thomas Huber Australian National University Australia	<i>Invited speaker</i> Yasushi Saeki University of Tokyo Japan	<i>Invited speaker</i> Christopher Macgowan Hospital For Sick Children Canada
	<i>Invited speaker</i> Paul Thomas South Australian Health & Medical Research Institute Australia	<i>Invited speaker</i> Nathalie Dehorter University of Queensland Australia	<i>Invited speaker</i> David De Oliveira University of Queensland Australia	<i>Invited speaker</i> Samuel Manning Monash University Australia	<i>Invited speaker</i> Samantha Ginn Children's Medical Research Institute Australia	<i>Invited speaker</i> Jacob Lewis, University of Wollongong Australia	<i>Invited speaker</i> Yosephine Gumulya University of Queensland Australia	<i>Invited speaker</i> David Komander Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Caitlin Wyrwoll University of Western Australia Australia
	Pierre Ibri University of Melbourne Australia	Adekunle Bademosi University of Queensland Australia	Sunidhi Sharma Thapar Institute of Engineering And Technology India	Joyce Meiring Utrecht University Netherlands	Yan Zhang University of Queensland Australia	Gökhan Tolun University of Wollongong Australia	Shogo Nakano University of Shizuoka Japan	Terrence Piva RMIT University Australia	Valerie Lin Nanyang Technological University Singapore
	Kate Harding University of Otago New Zealand	Dorothea Boeken University of Cambridge United Kingdom	Chandra Harshita Chavali University of Queensland Australia	Oliver Anderson Australian Regenerative Medicine Institute Australia	Jesse Kennedy University of Adelaide Australia	Lauren Lowe University of New South Wales Australia	William Kelton University of Waikato New Zealand	Teresa Sadras Peter MacCallum Cancer Centre Australia	Robert-Baraka Kibaja University of Queensland Australia
	Anthea Lee University of New South Wales Australia	Ana Nunez Nescolarde Monash University Australia	Jhih-Hang Jiang Monash University Australia	Jingqi Wang University of Melbourne Australia	Satheesh Kumar, Centre For Eye Research Australia Australia	Harrison York Monash University Australia	Ruohua Lyu University of Melbourne Australia	Vadim Sumbayev University of Kent United Kingdom	Ryan Lintao University of the Philippines Philippines
1450-1520									
Afternoon Tea & Exhibition – Exhibition Hall									

1520-	Society Award Presentations						
Session	OUTREACH EVENT FOR STUDENTS	ASB Award Presentations	AuPS Lecture	ASBMB Award Presentations	ANZSCDB Award Presentations	NZSBMB Award Presentations	ASM Presentation
Chairs		Elizabeth Hinde	Livia Hool	Ross Hannan	Aleksandra Filipovska	Peter Mace	Mark Schembri Dena Lyras
Speakers			Mark Febrario Monash University Australia	Thomas Ve Griffiths University Australia <i>ASBMB Shimadzu Medal</i>	Presentation of awards and photographs	Justin O'Sullivan University of Auckland New Zealand <i>Custom Science Award for Research Excellence</i>	Hayley Newton Monash University Australia
				Praveena Thirunavukkarasu Monash University Australia <i>ASBMB Edman Award</i>	<i>President's Medal Talk</i> Paul Gleeson University of Melbourne Australia	Nils Birkholz University of Otago New Zealand <i>NZSBMB Early Career Award Custom Science</i>	Karl Hassan University of Newcastle Australia
				Anthony Weiss University of Sydney Australia <i>ASBMB Lemberg Award</i>	<i>Emerging Leader Talk</i> Nathan Palpant Institute for Molecular Bioscience Australia		Mitali Sarkar-Tyson University of Western Australia Australia
							John Atack Griffiths University Australia
							Steve Petrovski La Trobe University Australia
	Society AGMS						
		1615-1715 – ASB AGM		1650-1750 - ASBMB AGM	1650-1750 - ANZSCDB AGM		
	IUBMB Trainee Session						
1700-1830	Introducing the IUBMB Trainee Initiative: supporting the next generation of scientists						
1830-2300	Congress Networking Event						

# Thursday 26 September 2024 - Climate Change Day

0730-1700	Registration								
0830-0950	Concurrent session 12 – Symposia								
Stream	SYM54 - Climate Change Day	SYM55 - Cell Signalling and Metabolism	SYM56 - Genomics, Gene Regulation and Epigenetics	SYM57 - Cell, Developmental and Stem Cell Biology	SYM58 - Molecular Basis of Disease	SYM59 - Molecular Physiology	SYM60 Structural Biology and Biophysics	SYM61 - Microbial World	SYM62 - Biotechnology and Synthetic Biology
Symposia title	Causes and mitigation strategies of greenhouse gas emissions	OMICS in cellular regulation	Computational genomics	Intracellular trafficking and extracellular vesicles	Pathogen resistance and virulence	Spatiotemporal metabolic homeostasis	Spectroscopy and scattering	Emerging pathogens	Biosensors
Chairs	Esteban Marcellin Ute Roessner	Greg Redpath Sally McCormick	Jessica Mar Belinda Phipson	Paul Gleeson & Pamali Fonseka	Dena Lyras Stephanie Gras	Marian Walhout Magdalene Montgomery	Amandeep Kaur Joanna Hicks	Kei Sato Belinda de Villiers	Rona Chandrawati Kirill Alexandrov
Speakers	<i>Invited speaker</i> Marina Fortes University of Queensland Australia	<i>Invited speaker</i> Alex Pinto Baker Institute Australia	<i>Invited speaker</i> Harriet Dashnow University of Colorado USA	<i>Invited speaker</i> Brett Collins University of Queensland Australia	<i>Invited speaker</i> Mark Walker University of Queensland Australia	<i>Invited speaker</i> Cholsoo Jang University of California USA	<i>Invited speaker</i> Ashish Sethi Australian Synchrotron (ANSTO) Australia	<i>Invited Speaker</i> Andrew Buultjens University of Melbourne Australia	<i>Invited speaker</i> Amandeep Kaur Monash University Australia
	<i>Invited speaker</i> Uta Wille University of Melbourne Australia	<i>Invited speaker</i> Alexander Gillis University of New South Wales Australia	<i>Invited speaker</i> Leah Roberts Queensland University of Technology Australia	<i>Invited speaker</i> Sarah Stewart La Trobe University Australia	<i>Invited speaker</i> Catherine Satzke Murdoch Children's Research Institute Australia	<i>Invited speaker</i> Matthew Watt University of Melbourne Australia	<i>Invited speaker</i> Charles Bond University of Western Australia Australia	<i>Invited speaker</i> Gilda Tachedjian Burnet Institute Australia	<i>Invited speaker</i> Wayne Patrick Victoria University of Wellington New Zealand
	Timothy Ghaly Macquarie University Australia	Stewart Masson University of Sydney Australia	Viacheslav Kriachkov Walter & Eliza Hall Institute Australia	Yoon Lim University of South Australia Australia	You Min Ahn La Trobe University Australia	David Bishop Victoria University Australia	<i>Invited speaker</i> Nick Cox Australian National University Australia	Justin Richmond Domingo University of the Philippines Philippines	Elena Eremeeva Queensland University of Technology Australia
	Zahra Islam University of Melbourne Australia	Ebony Monson La Trobe University Australia	Ella Dewar University of Otago New Zealand	Georgia Atkin-Smith Walter & Eliza Hall Institute Australia	Jasmine Minh Hang Nguyen Centenary Institute Australia	Okka Htin Aung Monash University Australia	Jerome Le Nours Monash University Australia	Aishi Dasgupta Indian Institute of Technology Bombay India	Mark Agasid Scientian Bio New Zealand
	Goetz Hensel Heinrich Heine University Germany	Ashfaqu Hoque St Vincent's Institute of Medical Research Australia	Danielle Hiam Deakin University Australia	Hoanh Tran The Peter Doherty Institute for Infection and Immunity Australia	Nathan Sos Monash University Australia	Bethany Anderson University of Melbourne Australia	Annmarie Warrender Australian Synchrotron (ANSTO) Australia	Haitao Yang ShanghaiTech University China	Pietro Ridone University of New South Wales Australia
0950-1020	Morning Tea – Foyer								

1020-1140									
Concurrent session 13 – Keynote & Symposia									
Stream	KS32 - Climate Change Day	SYM63- Bioinformatics, Computational Biology and 'Omics	SYM64 - Genomics, Gene Regulation and Epigenetics	KS33 - FAOBMB Excellence Award & Young Investigators	SYM65 - ASB/CSCB Joint Session	SYM66 - Molecular Physiology	SYM67 - Biotechnology and Synthetic Biology	SYM68 - Microbial World	SYM69 - Cell Signalling and Metabolism
Symposia title	Climate change day	AI/Machine learning in MD simulations	Post-transcriptional gene regulation	FAOBMB award presentations	Fluorescence methods/ DNA damage	Exercise is medicine: Tissue crosstalk	Industrial protein production	Cellular communication	Immuno-metabolism
Chairs	Chris Greening Hangwei Hu	Craig Morton Hafumi Nishi	Vi Wickramasinghe Traude Beilharz	Joon Kim Usha Hettiaratchi	Liz Hinde XueBiao Yao	Mark Febbraio Heather Christofk	Joe Brock David Wollborn	Trevor Lithgow Leo Eberl	Ajith Vasanthakumar Kylie Quinn
Speakers	<i>Keynote speaker</i> Greg Cook Queensland University of Technology Australia	<i>Invited speaker</i> Mark Waller Pending AI Australia	<i>Invited speaker</i> Greg Goodall Centre for Cancer Biology Australia	<i>Keynote speaker</i> Ling-Ling Chen Shanghai Institute of Biochemistry and Cell Biology China <i>FAOBMB Research Excellence Awardee</i>	<i>Invited speaker</i> XueBiao Yao University of Science & Technology of China China	<i>Invited speaker</i> Tony Tiganis Monash University Australia	<i>Invited speaker</i> Ayayacatl Gonzalez University of Queensland Australia	<i>Invited speaker</i> Thomas Naderer Monash University Australia	<i>Invited speaker</i> Annabell Bachem University of Melbourne Australia
	<i>Invited speaker</i> Eleonora Egidi Western Sydney University Australia	<i>Invited speaker</i> Takashi Yoshidome Tohoku University Japan	<i>Invited speaker</i> Aleksandra Filipovska University of Western Australia Australia	Carolina De Moura Gubert Florey Institute Australia <i>FAOBMB Young Scientist Awardee</i>	Xing Lui University of Science & Technology of China China	<i>Invited speaker</i> Julie McMullen Baker Heart & Diabetes Institute Australia	<i>Invited speaker</i> Esteban Marcellin University of Queensland Australia	<i>Invited speaker</i> Sacha Pidot University of Melbourne Australia	<i>Invited speaker</i> Denuja Karunakaran Monash University Australia
	Ke Wang Monash University Australia	Wanting Jiao Victoria University of Wellington New Zealand	Tamas Fischer The John Curtin School of Medical Research Australia	Shuofeng Yuan University of Hong Kong Hong Kong <i>FAOBMB Young Scientist Awardee</i>	Toby Bell Monash University Australia	Damien Keating Flinders University Australia	Mutsa Takundwa Council for Scientific & Industrial Research South Africa	Kai Qi Yek University of Melbourne Australia	Kaitlyn Ritchie La Trobe University Australia
	Jade Kannangara Monash University Australia	Anh Thi Ngoc Nguyen Monash Institute of Pharmaceutical Sciences Australia	Steven Zuryn University of Queensland Australia		Zhikai Wang University of Science and Technology of China China	Melanie Bertossa University of South Australia Australia	To be confirmed	Vinaya Shinde University of Technology Sydney Australia	Kate McArthur Monash University Australia
		Fabien Plisson Centre for Research and Advanced Studies of the National Polytechnic Institute Mexico	Osvaldo Contreras Victor Chang Cardiac Research Institute Australia		Jieqiong Lou University of Melbourne Australia	Anania Tsinoglou University of Tasmania Australia	Mariia Zmyslia Albert-Ludwigs University of Freiburg Germany	Harshini Weerasinghe Monash University Australia	Abbey Milligan La Trobe University Australia
1140-1150									
Session change over									

1150-1300	Concurrent session 14 – Keynote, Symposia & Hot Topics						
<b>Stream</b>	<b>KS34 - Climate Change Day</b>	<b>Hot Topic 1</b>	<b>SYM70 - Structural Biology and Biophysics</b>	<b>SYM71- Molecular Basis of Disease</b>	<b>SYM72 - Bioinformatics, Computational Biology and 'Omics</b>	<b>Hot Topic 2</b>	<b>SYM73 - Cell, Developmental and Stem Cell Biology</b>
<b>Symposia title</b>		<b>Protein chemistry</b>	<b>Protein structure, interactions and molecular assemblies</b>	<b>Host-pathogen interactions</b>	<b>New insights from new bioinformatics tools</b>	<b>The microbiome in human health &amp; disease</b>	<b>Spatial biology and tissue heterogeneity in development</b>
<b>Chairs</b>	Zahra Islam Ulrike Kappler	Guillaume Lessene Rebecca Feltham	James Murphy Sandhya Visweswariah	Hayley Newton Emma Grant	Miles Benton Annabel Whibley	Monica Slavin Calum Walsh	Raymond Yip Ruth Arkell
	<i>Keynote speaker</i> Seigo Shima Max Planck Institute for Terrestrial Microbiology Germany	Michael Roy Walter & Eliza Hall Institute Australia	<i>Invited speaker</i> Vaishnavi Ananthanarayanan University of New South Wales Australia	<i>Invited speaker</i> Matthew Sweet University of Queensland Australia	<i>Invited speaker</i> Michael Menden University of Melbourne Australia	Daniel Figeys University of Ottawa Canada	<i>Invited speaker</i> Monica Justice Hospital for Sick Children USA
	<i>Invited speaker</i> Trevor Rapson CSIRO Australia	Xuefei Jing University of Sydney Australia	<i>Invited speaker</i> Peter Mace University of Otago New Zealand	<i>Invited speaker</i> Elizabeth Hartland Hudson Institute of Medical Research Australia	<i>Invited speaker</i> James Ferguson Garvan Institute Australia	Brianna Jesaveluk Burnet Institute Australia	<i>Invited speaker</i> Pengyi Yang Children's Medical Research Institute Australia
	Francis Kuang University of Melbourne Australia	Mitchell Lockwood University of Sydney Australia	Katherine Davies Walter & Eliza Hall Institute Australia	Lawton Murdolo La Trobe University Australia	Farrah Blades University of Queensland Australia	Cara Timpani Victoria University Australia	Yen Tran Australian Regenerative Medicine Institute Australia
	Chris Greening Monash University Australia	Stefan Mueller University of Wollongong Australia	Rebecca Frkic Australian National University Australia	Ruby Gorman-Batt Monash University Australia	Macsue Jacques Monash University Australia	Colleen Thomas La Trobe University Australia	Lucas Newton Swinburne University of Technology Australia

**1300-1415 Lunch - Foyer**

**1315-1400 Lunchtime Technical Workshops**

1315-1400	Workshop 4 – Protein cryo EM	Workshop 5 – Digital spatial profiling	Workshop 6 – Protein nomenclature: problems and possible solutions	Workshop 7 - Everything you wanted to know about publishing but were too afraid to ask! –
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<b>Chairs</b>	Eric Hanssen Sepideh Valimehr	Kaylene Simpson Anna Trigos	Zengyi Chang	Christina Mitchell Fiona Whelan
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<b>Speakers</b>	Sepideh Valimehr University of Melbourne Australia  Manasi Arcot Anil Kumar University of Melbourne Australia  Gokhan Tolun University of Wollongong Australia	Anna Trigos Peter MacCallum Cancer Centre Australia  David Kaplan Peter MacCallum Cancer Centre Australia  Claire Marceaux Walter & Eliza Hall Institute Australia	Jun Yu Beijing Institute of Genomics China  Michele Magrane EMBL-EBI United Kingdom  Daniel Haft NIH-NCBI USA	Michael Funk Science Magazine USA  Dario Alessi Biochemical Journal United Kingdom  Qingqing Xiao Wiley China
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1415-1515 Concurrent session 15 - Plenary, Symposia and Hot Topics						
Stream	Plenary 7 FEBS Worldwide Lecture	SYM74 - Molecular Basis of Disease Short Talks	SYM75 - Structural Biology and Biophysics	Hot Topic 3	SYM76 - Climate Change Day	Hot Topic 4
Symposia title			Molecular mechanisms using Cryo-EM and dynamic protein complexes	Single molecule imaging	Effects and adaptations to climate change	Illuminating biology: using light to observe and manipulate the brain and body
Chairs	FEBS Award Introduction Maria Kaparakis-Liaskos Chris McDevitt	Sharon Prince Ilona Concha Grabinger	Frances Separovic Wai Hong Tham	Winnie Tan & Vaishnavi Ananthanarayanan	Jade Kannangara Sasha Tetu	Ethan Scott Lucy Palmer
Speakers	Leo Eberl University of Zurich Switzerland	Bukuru Nturbika University of South Australia Australia	<i>Invited speaker</i> Jacqui Matthews University of Sydney Australia	Donna Whelan La Trobe University Australia	<i>Invited Speaker</i> Diana Robledo-Ruiz Monash University Australia	Itia Favre-Bull University of Queensland Australia
	<i>Invited Speaker</i> Waldermar Vollmer University of Queensland Australia	Olga Zaytseva John Curtin School of Medical Research Australia	Yichen Zhong University of Sydney Australia	<i>Invited Speaker</i> Izzy Jayasinghe University of NSW Australia	<i>Invited Speaker</i> Megan Huggett Newcastle University Australia	Elizabeth Manning University of Newcastle Australia
		Zoe Day La Trobe University Australia	Isabelle Rouiller University of Melbourne Australia	Conall McGuinness, Trinity College Dublin Australia	Santana Royan CSIRO Australia	Jessica Greaney Monash University Australia
		Ruobing Zhang Monash University Australia	Melanie Dietrich Walter & Eliza Hall Institute Australia	Ben Kroeger Monash University Australia	Tara Moynihan Monash University Australia	Marius Rosier Florey Institute Australia
		Caitlin Vella La Trobe Institute for Molecular Science Australia	Nicholas Kirk Walter & Eliza Hall Institute Australia			
		Jiamin Zhao La Trobe University Australia	Aidan Grosas University of Wollongong Australia			
1515-1540 Afternoon Tea – Foyer						
1540-1630 Plenary 8 & Jubilee Award Ceremony						
Chair	Stephanie Gras					
Speaker	Pamela Silver Harvard University USA					
1630-1700 Poster Prizes, Future Conference Presentations & Closing Remarks						