

ComBio SYDNEY 2026

29 September – 1 October 2026
INTERNATIONAL CONVENTION CENTRE SYDNEY

Tuesday 29 September 2026

0900-1000	Opening and Plenary 1					
Speaker	Abby Dernburg					
1000-1030	Morning Tea (Exhibition Hall)					
1030-1200	Symposia 1					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 5: Education	Stream 7: 'Omics and Systems Biology
Topics	Protein dynamics and molecular mechanisms of function	Plant development and cell signalling	Transcriptional and epigenetic mechanisms coordinating development	Cancer metabolism	Award talks	Genomics & systems biology
1200-1300	Lunch (Exhibition Hall)					
1300-1340	Plenaries 2					
		Plenary 2	ANZSCDB President's Medal Plenary 3		Plenary 4	
Presentations		Stress granules: spatial control of stress responses in plants Monika Chodasiewicz			Danny Liu	
1340-1350	Session change over					
1350-1520	Symposia 2					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 5: Education	Stream 7: 'Omics and Systems Biology
Topics	Protein-protein interactions & macromolecular complexes	Plant genomics: Complexity, evolution and conservation	Cell communication and signalling networks	Epigenetics, gene regulation and disease	GenAI	Spatial 'omics & single cell 'omics
1520-1550	Afternoon Tea (Exhibition Hall)					
1550-1720	Symposia 3					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 5: Education	Stream 7: 'Omics and Systems Biology
Topics	Computational and AI-driven protein modelling, simulation and design	Plant epigenetics and epigenomics	Cellular and molecular engineering	Systems biology in metabolism	Open session	Protein/DNA/RNA/Lipid modifications
1730-1900	Welcome Reception & Poster Session (Exhibition Hall)					

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0830-1000	Symposia 4					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	Membrane proteins and transport	Plant energy biology and carbon metabolism	Mitochondrial signalling	Drug screening	RNA structure and chemistry	Functional genomics
1000-1030	Morning Tea (Exhibition Hall)					
1030-1200	Symposia 5					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	Emerging approaches in structural and imaging techniques	Genome editing and functional genomics in crops	Cellular biology in development - across scales	Lipids and diabetes	AI and computational RNA	Interactomics
1200-1400	Lunch and poster session (Exhibition Hall)					
1400-1530	Symposia 6					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	Post-translational modifications and regulatory mechanisms	Molecular plant-microbe interactions	Membrane trafficking	Microbiome	RNA regulation	Data integration and visualisation
1530-1600	Afternoon Tea (Exhibition Hall)					

1600-1740	Plenaries 3					
	ASBMB Plenary 5 and 6	ASPS Plenary 7 and 8		NZSBMB Plenary 9		
Presentations	<u>ASBMB Lemberg Medal</u> David James	<u>ASPS Peter Goldacre Award</u> Renee Marchin Prokopavicius				
Presentations	<u>ASBMB Shimadzu Research Medal</u> Glycoproteomics reveals cancer-promoting glyco-enzymes in the tumour microenvironment Morten Thaysen-Anderson	<u>ASPS Jan Anderson Award</u> Chromosome-scale genomes and a resequencing panel of salicornia resolve subgenome diversity, species boundaries and signatures of halophyte adaptation Vanessa Melino				
1715-1830	Society Annual General Meetings					
1715-1805	ASPS Annual General Meeting					
1745-1830	ASBMB Annual General Meeting					
1745-1830	ANZSCDB Annual General Meeting					
Thursday 1 October 2026						
0830-0910	Plenaries 4					
	Plenary 10	ASPS Plenary 11				
Presentations	Assembly of RNA-protein complexes during transcription Sarah Woodson	<u>Annals of Botany Presentation</u> Qi Shen				
0910-0920	Session change over					
0920-1000	Plenaries 5					
		ASPS Plenary 12	Plenary 13		Plenary 14	
Presentations		<u>JG Wood Award</u> Barry Pogson	Liron Bar-Peled		RNA Regulators of stem cell biology Michael Kharas	
1000-1030	Morning Tea (Exhibition Hall)					
1030-1200	Symposia 7					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	Protein folding, misfolding and aggregation	Protein engineering and metabolic pathway optimization	Stem cell models of embryo development	Obesity and insulin resistance	RNA in rare diseases	Translational 'omics
1200-1315	Lunch (Exhibition Hall)					
1215-1315	Student and ECR meet the speaker session					
1315-1445	Symposia 8					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	Peptide and protein-based therapeutics	Plant membranes and transporters: Mechanisms, engineering and applications	Advances in understanding developmental pathologies	Cellular senescence and ageing	RNA in plant science	Glycolipids, glycoproteins, proteoglycans
1445-1515	Afternoon Tea (Exhibition Hall)					
1515-1645	Symposia 9					
Streams	Stream 1: Proteins, Peptides and Structural Biology	Stream 2: Plant Biology	Stream 3: Cell and Developmental Biology	Stream 4: Biochemistry and Metabolism	Stream 6: RNA	Stream 7: 'Omics and Systems Biology
Topics	AI-enabled synthetic biology	Adaptive stress physiology: from molecular responses to whole-plant resilience	Cell stress responses	Metabolic disease medications	RNA and translational research	New technologies in 'omics
1650-1800	Closing Plenary and Award Presentations					
Title	Exploring the protein universe via multimers and motifs					
Speaker	Professor Martin Steinegger					