

Protein Structures Thursday 3 September – Friday 4 September, 2026 Te Pae, Christchurch, New Zealand		
Wednesday 2 September		
Time	Details	Location
QRW Plenary Lecture <i>sponsored by Decode Science</i>		
4.45pm	Audience take seats	
5.00pm-5.10pm	Introduction	Conway C2+C3 live feed to C4 and C5
5.00pm-6.00pm	QRW Plenary Lecture: Prof. Sir Graham Le Gros Malaghan Institute of Medical Research <i>Harnessing the Power of the Immune System Using Basic Science and Cutting Edge Technologies</i>	Conway C2+C3 live feed to C4 and C5
6.00pm-8.00pm	Evening Social Function & The Great QMB Trivia Night <i>sponsored by Thermo Fisher Scientific</i>	Exhibition Area

Thursday 3 September		
Time	Details	Location
	Opening Remarks and Karakia (Formal Blessing)	Conway C3
8.10am	Shee Mei Lok (PS1) Duke–NUS Medical School <i>Conformational Intermediates of the Dengue Fusion Process</i>	Conway C3
<u>Virology Session</u>		
8.40am	Dr Qingbing Zheng (PS2) Xiamen University <i>Cryo-EM-Driven Structural Vaccinology for Antiviral Vaccines and Antibody Therapeutics</i>	Conway C3
9.10am	Prof. Fasseli Coulibaly (PS3) Monash University <i>A Novel Viral Architecture of Lipid-Containing Viruses</i>	Conway C3
9.40am	Chuziyue Zhang (PS4) Chinese Academy of Sciences, Institute of Biophysics <i>Mapping of Protective Human Antibody Responses Reveals Distinct Antigenic Sites on Hepatitis A Virus</i>	Conway C3
10.00am-10.30am	Morning Tea	Exhibition Area
10.30am	Prof. Manidipa Banerjee (PS5) Indian Institute Of Technology Delhi <i>Reconstruction of Dynamic Events in the Life Cycle of Non-Enveloped Viruses</i>	Conway C3
11.00am	Marc Storms (PS6) Thermo Fisher Scientific <i>Recent Advances in Cryo Electron Microscopy and Tomography</i>	Conway C3
11.30am	Dr Jodie Johnston (PS7)	Conway C3

	University Of Canterbury <i>Flipping the Switch: Tuning the Allosteric Response in ThDP-Dependent Enzymes</i>	
11.50am	Dr Jamie Taka (PS8) University of Auckland <i>Time-Resolved Cryo-EM Reveals the Mechanism of Allosteric Activation in Isocitrate Lyase 2</i>	Conway C3
12:10pm	Mr Grant Greene (PS9) University of Otago <i>Zebrafish INK4 Tumour Suppressor Proteins Undergo Reversible Redox-Mediated Transition into Amyloid-Like Structures</i>	Conway C3
12.30pm-1.30pm	Lunch	Exhibition Area
<u>Cancer Mini-Session</u>		
1:30pm	Prof. Geoffrey Jameson (PS10) Massey University <i>Towards Preventing the Evolution of Therapeutic Resistance in Cancers: Design, Synthesis, and Structural and Functional Characterisation of Nanomolar Non-Cytotoxic Inhibitors of the DNA Mutator Enzymes APOBEC3A and APOBEC3B</i>	Conway C3
2:00pm	Mr Ben Krinkel (PS11) University of Auckland <i>Structure-Guided Discovery of a Cryptic Allosteric Site in Malic Enzymes to Target Cancer Metabolism</i>	Conway C3
2:20pm	Prof. Catherine Day (PS12) University of Otago <i>ZNRF3 and RNF43: Monomeric E3 Ubiquitin Ligases That Self-Associate to Regulate WNT Signalling</i>	Conway C3
3.00pm-3.30pm	Afternoon Break	Exhibition Area
3.30pm	Poster Presenter Flash Talks <i>3 minutes per presenter</i> • Miss Ronja Stelzer • Miss Sirui Li • Mr Chenxiang Xu • Mr MJ Shadfar • Mr Senwei Quan • Miss Aleshya Grant • Ms Annabel Walsh • Mr Jake Szostak • Dr Fiona Given • Laura J. Walsham	Conway C3
4.15pm	Poster Presenter Flash Talks <i>3 minutes per presenter</i> • Mr Liam Young • Dr Thu Ho • Mr S. Philip Stewart • Mr Tave Grabenheinrich • Miss Jingyi Du	Conway C3

	• Miss Caitlin Ewenson • Miss Ida Solimani Zohrshiri • Miss Georgia Rutter • Miss Yuhan Cui • Lillian Scott	
5.30pm-7.30pm	Poster Session & Social Mixer <i>sponsored by Lab Supply</i>	Exhibition Area
7.30pm	Protein Structures Social Function Ticket only	Kong Bar

Friday 4 September		
Time	Details	Location
<u>Bacteriophage Mini-Session</u>		
8.30am-8.50am	Mrs Maya Street (PS14) Okinawa Institute for Science and Technology <i>Cryo-EM Structure of Novel Baseplate Fibers</i>	Conway C3
8.50am-9.10am	Mr Alexander Crowe (PS15) University of Otago <i>Structural Determination of Jumbophage PCH45's Neck and Baseplate by Single-Particle Cryo-EM</i>	Conway C3
<u>Plant Biochemistry Mini-Session</u>		
9.10am-9.30am	Dr Mark Agasid (PS16) New Zealand Bioeconomy Science Institute <i>Correlating Cold Plasma-Induced Protein Modifications to IgE Recognition in Allergenic Soy Proteins</i>	Conway C3
9.30am-9.50am	Miss Chantelle Monteith (PS17) University Of Otago <i>Synthetic Protein Design for Modified Plant Organ Development</i>	Conway C3
10.00am-10.30am	Morning Tea	Exhibition Area
<u>Lipid and Membrane Biology Session</u>		
10.30am	A/Prof. Yuanzhi Chen (PS18) Xiamen University <i>Nanobodies in Structural Biology: Tools, Applications, and Perspectives</i>	Conway C3
11.00am	Prof. Vinothkumar Kutti Ragunath (PS19) National Centre for Biological Sciences, Bangalore <i>Structural Dynamics in Membrane Enzymes</i>	Conway C3
11.30am	Ms Beatrix Goggin (PS20) University Of Auckland <i>Mind Your Membrane: Model Membrane Lipid Composition Impacts Protein Dynamics and Specific Lipid Interactions of the Mu Opioid Receptor</i>	Conway C3
11:50 am	Renwick C.J. Dobson (PS21) University of Canterbury <i>Mechanisms of transcriptional regulation by the RpiR family of proteins</i>	Conway C3

12.20pm	Sponsor presentation: Nicola Dryden Thermo Fisher Scientific <i>Optimising Protein Quality for Structural Studies</i>	Conway C3
12.30pm-1.30pm	Lunch	Exhibition Area
<u>Afternoon Keynote</u>		
1.30pm-2.00pm	Prof. Oleg Sitsel (PS22) Okinawa Institute for Science and Technology <i>Yersinia entomophaga Tc Toxin Is Released by T10SS-Dependent Lysis of Specialized Cell Subpopulations</i>	Conway C3
<u>Transporters Mini-Session</u>		
2.00pm-2.20pm	Mrs Kelsi Hall (PS23) University of Canterbury <i>Killing Pathogenic Bacteria by Targeting TRAP Transporters</i>	Conway C3
2.20pm-2.40pm	Dr Liam Turk (PS24) University of Canterbury <i>Exploring the Protein Biochemistry of TAXI Transporters Using Structural and Biophysical Approaches</i>	Conway C3
<u>Emerging Research</u>		
2.40pm-3.00pm	Miss Kate Pennycuik (PS25) University Of Auckland <i>Targeting the R-Loop-Resolving Enzyme RNase HI in Neisseria gonorrhoeae</i>	Conway C3
3.00pm-3.30pm	Afternoon Break	Exhibition Area
3.30pm-3.50pm	Mrs Michelle Bailey (PS26) University Of Canterbury <i>Probing the Molecular Basis of Function in Class IV PHA Synthase Complexes</i>	Conway C3
3.50pm-4.10pm	Mr Jordan Cohen-Ronen (PS27) University of Otago <i>Structural Basis of Immune Modulation by the Poxvirus Cytokine-Sequestering Protein M-T7</i>	Conway C3
4.10pm-4.30pm	Dr Wanting Jiao (PS28) Ferrier Research Institute <i>Exploring enzyme function using computational tools - insights into the catalytic mechanisms of anthranilate phosphoribosyltransferase</i>	Conway C3
4.40pm	Prize Giving	Conway C3
4.55pm-5.00pm	Final Remarks and Closing Karakia	Conway C3