



Programme

Friday, 19th July

3 – 5:15 pm	Registration	Ocean View Foyer
5:15 – 6:15 pm	ASBMB Plenary Talk - Chair: Bostjan Kobe	Shearwater Theatre
	 Plenary 1: Emily Parker: <i>Turning enzymes on and off: Dynamic protein allostery</i>	
6:15 – 7.30 pm	Session 1: Advances in therapeutics and insecticidal agents Chair: Lorna Wilkinson-White 1.1 Daniel Lim: <i>Human indoleamine 2,3-dioxygenase is a catalyst of physiological heme peroxidase reactions</i> 1.2 Daniel Ericsson: <i>Structure-informed design of an enzymatically inactive vaccine component for Group A Streptococcus</i> 1.3 Evelyne Deplazes: <i>Identifying the molecular interactions that mediate binding of the sea-anemone toxin APETx2 to the analgesic target acid sensing ion channel 3</i> 1.4 Md Shohidul Alam: <i>Spider-venom peptide protects plants from insect pest attack</i>	Shearwater Theatre
7:30 pm – 9:30 pm	Dinner (Gourmet Roast Buffet) + Drinks	Opals Room

Saturday, 20th July

6:30 – 8:45 am	Breakfast (own expense) Arrival Tea & Coffee	Horizons Restaurant Ocean View Foyer
8:45 – 9:45 am	ASBMB Plenary Talk - Chair: Joel Mackay	Shearwater Theatre
	 Plenary 2: Matthew Call: <i>Regulation of immune cell-surface protein levels through transmembrane interactions with membrane-associated RING-CH (MARCH) E3 ubiquitin ligases</i>	

9:45 am - 10:45 pm	Session 2 Part I: Protein Interactions Chair: Yann Gambin	Shearwater Theatre
	<p><i>Sponsored by Millenium Science</i></p> <p>2.0 Mike Yarski: <i>Millenium Science Trade Talk</i></p> <p>2.1 Philippa Stokes: <i>Structural basis of the interaction of breast cancer oncogene LMO4 with tumour suppressor CtIP</i></p> <p>2.2 Patricia Walden: <i>Functional characterization of the Wolbachia pipientis integral membrane protein α-DsbB reveal it partners with α-DsbA1 in a protein disulfide formation pathway</i></p>	
10.45 – 11.15 am	Morning Tea	Ocean View Foyer
11:15 am - 12:30 pm	Session 2 Part II: Protein Interactions Chair: Yann Gambin	Shearwater Theatre
	<p><i>Sponsored by Millenium Science</i></p> <p>2.3: Peyman Obeidy: <i>Elucidating the assembly of actin-tropomyosin filaments using fluorescence microscopy</i></p> <p>2.4 Marylene Vandevenne: <i>Design of sequence-specific ssRNA-binding proteins</i></p> <p>2.5 Medhi Moustaqil: <i>Defining the interactome of transcription factors that control differentiation of lymphatic endothelial cell</i></p> <p>2.6 Krystal Lester: <i>Engineering stable LMO-LDB1 complexes to probe oncogenic transcriptional complexes</i></p>	
12:30 - 2:30 pm	Lunch (Light and Healthy Asian) Posters to be put up	Horizons Restaurant Pre-Conference Foyer

2:30 - 4:05 pm

Session 3: Protein Structure and Function I

Shearwater Theatre

Chair: Róisín McMahon

Sponsored by Merck Millipore



3.1 Mohammad Ullah: *Structural and functional analysis of TRAM and TRIF, adaptor proteins in TLR signalling pathways in humans*

3.2 Ana Silva: *Structure and function of an N-terminal domain of CHD4*

3.3 Xiao Xiao Zhang: *Plants vs. pathogens: structure and functional study of Arabidopsis resistance protein SNC1 TIR domain and flax rust effector protein AvrP*

3.4 Chiung Wen Chang: *Crystal structure of rice importin- α and its interaction with non-classical nuclear localization signals*

3.5 Simon Williams: *The crystal structure of the heterodimer formed between RRS1 and RPS4 Toll-interleukin 1 Receptor (TIR) domains "Till death do us part"*

4:05 - 4:30 pm

Afternoon Tea

Ocean View Foyer

4:30 - 6:30 pm

Poster session

Pre-Conference Foyer

Poster Drinks (from 4:30 – 6:30 pm)

6:45 - 7:45 pm

ASBMB Plenary Talk - Chair: Brett Collins

Shearwater Theatre



Plenary 3 Antoine van Oijen: *Single-molecule studies of DNA replication: from in vitro to in vivo*

8 pm

Conference Dinner (Deluxe BBQ) + Drinks

Opals Room

10 – 12 pm

Conference social party

Opals Room

Sunday, 21st July

6:30 - 9 am	Breakfast (own expense) Arrival Tea & Coffee	Horizons Restaurant Ocean View Foyer
9 - 10:30 am	Session 4: Protein Complexes Chair: Michael Landsberg <i>Sponsored by BMG Labtech</i> 4.0 Adrian Heazlewood: <i>BMG Labtech Trade Talk</i> 4.1 Yann Gambin: <i>Single molecule fluorescence reveals self-assembly of two distinct cavin nanocomplexes on caveolae</i> 4.2 Emma Sieracki: <i>Probing the architecture of the Mediator complex</i> 4.3 Zhiqiang Xu: <i>Structural basis of interaction of the α and τ subunits of Escherichia coli DNA polymerase Pol III holoenzyme</i> 4.4 Sarah Webb: <i>The many faces of the NuRD complex</i>	Shearwater Theatre
10:30 - 11:15 am	Morning Tea	Ocean View Foyer
11:15 am - 12:45 pm	Session 5: Protein Structure and Function II Chair: Callum Smits <i>Sponsored by ANSTO</i> 5.0 Anthony Duff: <i>ANSTO Trade Talk</i> 5.1 Herman Fung: <i>Functional and structural characterisation of a haloalkane dehalogenase from Mycobacterium rhodesiae JS60</i> 5.2 Róisín McMahon: <i>Guns, Germs, and DsbA: An oxidoreductase required for virulence in Burkholderia pseudomallei</i> 5.3 Oleksiy Kovtun: <i>Structural studies of the cavin proteins provide new insights into the mechanisms of caveolae formation</i> 5.4 Lachlan Casey: <i>In pursuit of a better fit; the classical nuclear import receptor as a case study for SAXS</i>	Shearwater Theatre
12:45 - 1:00 pm	Prizes & Closing Remarks	
1 - 2 pm	Lunch (Ploughman's Lunch)	Horizons Restaurant

