



2018 Research Workshop

Wednesday 28 – Friday 30 November, Crowne Plaza Terrigal Pacific, Terrigal

Aims

- Communicate the CBNS strategic vision to CBNS staff and students
- Share our research achievements, challenges and areas for collaboration
- Continue to build a sense of community for CBNS researchers

Session Chair	Day 1	Wednesday 28 November	Speaker	Location
	8.30 – 9.00	CI arrival tea and coffee		Hawkesbury Lobby
	9.00 – 10.00	CI meeting	Tom Davis & Natalie Jones	Henry Kendall Ballroom
	<i>10.00 – 10.15</i>	<i>Morning tea</i>		<i>Hawkesbury Lobby</i>
	10.15 – 12.00	CI meeting	Tom Davis & Natalie Jones	Henry Kendall Ballroom
	<i>12.00 – 1.00</i>	<i>Lunch</i>		<i>Hawkesbury Lobby</i>
	1.00 – 1.15	Welcome and CBNS Overview	Tom Davis (CBNS Director) Natalie Jones (CBNS Manager)	Pacific Ballroom
TBC	1.15– 2.00	CBNS Programs – Education, Outreach and Mentoring Education & Training (5mins) FBNS overview (5 mins) Outreach (10 mins) Discussion (5 mins) Mentoring (15 mins)-change times 7 mins each Mentor Mentee Discussion (5 mins): Feedback and suggestions	Maria Kavallaris Zachary Houston Matthew Kearnes Stephen Kent Nghia Truong Phuoc	Pacific Ballroom
Edmund Crampin	2.00 – 3.00	Allocated time for discussion of core CBNS research issues/ breakout groups		Pacific Ballroom
	<i>3.00 – 3.30</i>	<i>Networking tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>

Simona Carbone	3.30 - 4.30	Signature projects (5 mins each + 20 mins panel discussion) A material scientist's guide to the cell Development of complex cellular systems for the evaluation and characterisation of bio-nano interactions Improved molecular imaging agents Isolating, interrogating and bioengineering single circulating cells JTCC: Visualising bio-imaging and data in 3D Virtual Reality (VR) Mediating protein interactions Overcoming challenges of in vivo targeting Sensors and diagnostic for managing bloodstream infections	Andrew Whittaker Marnie Winter and Jessie Yang John Bailey Nick Fletcher and Yi Ju	Pacific Ballroom
TBC	4.30 – 4.45	Day 1 wrap-up and discussion		Pacific Ballroom
	4.45 – 6.15	Poster session (canapés & drinks provided)	VR session	Henry Kendall Ballroom
	6.30 – 10.30	<i>Dinner (soft drinks included)</i>		<i>Poolside – Beachside</i>
Session chair	Day 2	Thursday 29 November	Speaker	Location
	8.30 – 8.55	<i>Discussion with tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>
	8.55 - 9.00	Welcome note		Pacific Ballroom
Zachary Houston	9.00 – 9.50	Node updates (10 mins each, panel format) UNSW UQ UniSA Melbourne Monash	Justin Gooding (UNSW) Andrew Whittaker (UQ) Clive Prestidge (UniSA) Frank Caruso (Melbourne) John Quinn (Monash)	Pacific Ballroom
TBC	9.50– 10.10	Most significant CBNS paper of 2018 Winners (7 mins + 3 mins questions) 1 2		Pacific Ballroom

TBC	10.10 - 10.30	Social dimensions of bio-nano interactions (7 mins + 3 mins questions)	Matthew Kearnes	Pacific Ballroom
		Predicting bio-nano interactions (7 mins + 3 mins questions)	Stuart Johnston	
	<i>10.30 – 11.00</i>	<i>Networking tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>
Natalie Jones	11.00 - 12.30	Career event	Nicholas Ariotti Ben Boyd Tania Ewing Angus Johnston Robert Utama Edith Chow Amanda Hayes TBC	Pacific Ballroom
	<i>12.30 – 1.30</i>	<i>Lunch</i>		<i>Seasalt Restaurant</i>
Benjamin Thierry	1.30 - 2.00	Capabilities (10 mins each + 5 mins questions) 1-electron microscope 2-Synchrotron	Nicholas Ariotti Ben Boyd	Pacific Ballroom
	2.00 – 2.40	Emerging opportunities (10 mins each + 3 mins questions)		Pacific Ballroom
	2.40 - 2.55	Student Travel Award Recipients - Project Talks (5 mins each) Mingling with the European nanomedicine community One-step biosensing based on fluorescently labelled engineered antibody Self-assembling protein nanoparticle vaccines to combat Influenza Vasculature Remodelling Effects on Antibodies Tumour Uptake in a Xenograft Model of High Grade Glioma The impact of the CBNS Student Travel Award on my research	Kristel Tjandra (UNSW) Jiaul Islam (Monash) Hannah Kelly (Melbourne) Caterina Brighi (UQ) Hayley Schultz (UniSA)	Pacific Ballroom
	<i>3.00 - 3.30</i>	<i>Networking tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>

TBC	3.30 - 4.00	Strategic plan - Research plan		Pacific Ballroom
	4.00 - 4.30	Emerging opportunities (10 mins each + 3 mins questions)		
			Helen Forgham	
TBC	4.30-4.45	Day 2 wrap-up and discussion		
	4.50 – 5.50	Education and Outreach Joint Committee Meeting	VR session	Henry Kendall Ballroom
	<i>6.00 – 6.30</i>	<i>Pre Dinner Drinks</i>		<i>Lord Ashley Bar</i>
	<i>6.30 – 10.30</i>	<i>Dinner</i>		<i>Seasalt Lower Restaurant</i>
Session chair	Day 3	Friday 30 November	Speaker	Location
	<i>8.30 – 8.55</i>	<i>Discussion with tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>
	8.55 - 9.00	Welcome note		Pacific Ballroom
TBC	9.00 – 9.40	Emerging opportunities (10 mins each + 3 mins questions)		Pacific Ballroom
		Strategies for Next-generation Nanomedicine Development	Craig Bell	
	9.40– 10.10	New collaborations (10 mins each + 5 mins questions)	Kristel Cahyadi Tjandra, Hannah Kelly, Chelsea Thorn Kris Thurect, John McGhee	Pacific Ballroom
	<i>10.10– 10.40</i>	<i>Networking tea & coffee</i>	<i>VR session</i>	<i>Hawkesbury Lobby</i>
Frank Caruso	10.40 – 11.40	Research barriers	Group Discussion	Pacific Ballroom
Tom Davis & Natalie Jones	11.40 – 11.55	CBNS Awards and wrap-up Awards Workshop highlights Summary of 2018 achievements Plans for 2019	Tom Davis & Natalie Jones	Pacific Ballroom
	<i>12.00 – 1.00</i>	<i>Lunch and departure (coach departs at 13:10)</i>		<i>Seasalt Restaurant</i>