

PROGRAM

Synthetic Biology Future Science Platform Workshop

29 & 30 November 2018

Auditorium, CSIRO North Ryde

11 Julius Avenue, North Ryde, New South Wales, Australia

Thursday, 29 November 2018		
From 9.30am	Arrival tea/coffee and Registration	
10:30am – 11:30am	Welcome and Overview	
10:30am - 11:30am	Introduction, SynBioFSP progress report, and objectives for the workshop	Claudia Vickers
11:30am – 1:00pm	Chemicals & Fibres Application Domain	
11:30-12:00	Chemicals & Fibres Overview and Update: AD Leader	Colin Scott
12:00-12:20	Novel Synthetic Plant Fibres	Madeline Mitchell
12:20-12:40	Orthogonal redox metabolism	Mihir Shah
12:40-1:00	Yeast Methylotrophy as a New Production Platform	Monica Espinosa
1:00pm – 2:00pm	Lunch and Networking	
2:00pm – 3:30pm	Health & Medicine Application Domain	
2:00-2:30	Health & Medicine Overview and Update: AD Leader	Andrew Bean
2:30-2:50	Phage in the Age of SynBio	Karen Weynberg
2:50-3:10	A new optogenetic toolkit for light inducible protein-protein interactions	Elliot Gerrard
3:10-3:30	Generation of Whole Genome Screens for Loss of Function Screening	Daniel Layton
3:30pm – 4:00pm	Afternoon Tea, Networking	
4:00pm – 5:20pm	Maximising Impact Application Domain	
4:00-4:20	Introduction to MI and report on focus group studies	Aditi Mankad

	Maximising Impact Application Domain (continued)	
4:20-4:40	Qualitative research in action: Cane Toad and Phage Therapies case studies	Lucy Carter
4:40 – 5:00	National baseline attitudinal survey update	Elizabeth Hobman
5:00 – 5:20	Synthetic biology and IP	Alison McLennan
5:30pm – 7:00pm	Poster session, networking, and drinks	All
7:00pm – 9:30pm	Dinner at Atlantis Restaurant 58-62 Delhi Road, North Ryde (5-minute walk from workshop venue) Dinner Entertainment: Panel Session Discussion Session – International Advisory Panel Members	

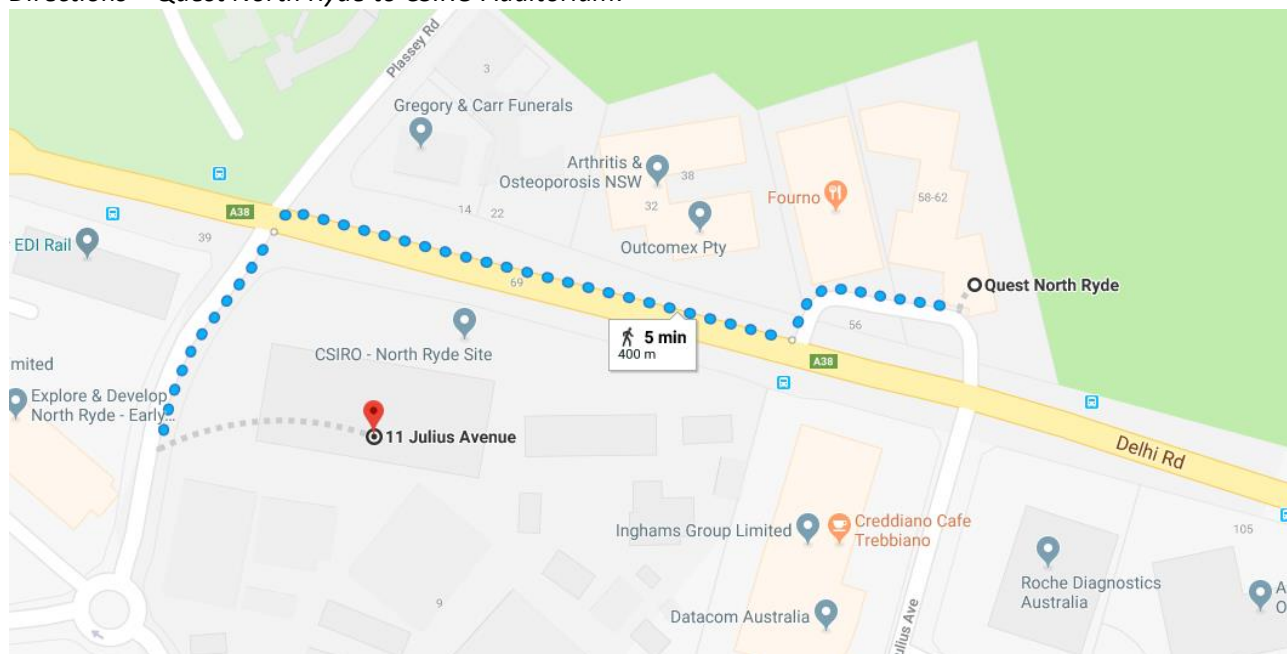
Friday, 30 November 2018		
9.00am – 10:30am	Environment & Biocontrol Application Domain	
09:00-09:30	Environment & Biocontrol Overview and Update: AD Leader	Owain Edwards
09:30-09:50	Engineering resilience to green biotechnology	Himel Khaleque
09:50-10:10	Enhancing the thermal tolerance of coral larvae and their algal symbionts	Patrick Buerger
10:10-10:30	Assessing the utility of gene drives for pest control and resistance management in Australian agricultural systems	Matthieu Legros
10.30am – 11:00am	Morning Tea	
11:00am – 12:30pm	Foundation Technologies Application Domain	
11:00-11:30	Foundation Technologies Overview and Update: AD Leader	Claudia Vickers
11:30-11:50	Engineering synthetic pentatricopeptide repeat (PPR) proteins as on/off switches for chloroplast protein translation	Suvi Honkanen
11:50-12:10	Understanding the molecular basis of ligand selectivity and specificity in riboswitches	Hafna Ahmed
12:10-12:30	Optimising ROS/redox-sensitive, reversible bio-switches as tools for transient on-demand monitoring and control of Biosystems	Melanie Carmody
12:30pm – 1:30pm	Lunch and Networking	

1.30pm – 3:00pm	Responsible Innovation and Social Science/Biophysical Science Integration	
1:30-2:00	Responsible Innovation: What is ‘responsible science and technology’? RI Leader	Justine Lacey
2:00-2:30	Pathways for Maximising Impact: Integration of social and biophysical science	Lucy Carter
2:30-3:00	Your SynBioFSP: Getting the most out of us	Lisa Devereaux
3.00pm – 3:30pm	Afternoon Tea	
3.30pm – 5:00pm	Strategic Priorities: SynBioFSP Future Directions	
3:30-4:45	Workshopping strategic priorities	Everyone
4:45-5:00	Wrap Up & Close Workshop	Claudia Vickers

5.30pm - Bus transfer departs Quest North Ryde (to Sydney Airport)

6:00pm – 8:00pm	Executive and International Advisory Panel Dinner (invitation only) Atlantis Restaurant, 58-62 Delhi Road, North Ryde – entry via Quest (5-minute walk from workshop venue)	Executive and International Advisory Panel
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Directions – Quest North Ryde to CSIRO Auditorium:



CONTACTS DURING WORKSHOP

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