

Symbiosis Cell Biology Workshop
Schedule of activities
 January 2007

Date	Morning	Afternoon	Evening
21 st Jan	Arrival in Brisbane		
22 nd Jan	9.30 – 10. 00: Welcome and workshop aims, Weis & Hoegh-Guldberg 10.00 – 10.30: Douglas, Diversity of mutualisms, model mutualisms 10.30 – 11.00: Morning coffee 11.00 – 11.30: Douglas, aphid/ <i>Buchnera</i> symbiosis 11.30 – 12.00: O’Neill, <i>Wolbachia</i> : invertebrate bacterial parasites 12:00 – 12:30: Martindale, evolutionary developmental biology of cnidarians	2.00 – 2.30: Boothroyd, Animal/apicomplexan parasites and <i>Toxoplasma</i> 2.30 – 3.00: Miller, Coral evolutionary genomics 3.00 – 3.30: Afternoon coffee 3.30 – 4.15: Pringle & Vallen, Model organisms for cell biology 4.15 – 5.15: Tour of CMS and UQ, Hoegh-Guldberg and CMS students	
23 rd Jan	2 am: Travel to HIRS	Tour of HIRS with an emphasis on research and collaborative possibilities, Hoegh-Guldberg	6.30 – 7.30: Introduction to dinoflagellate/cnidarian symbiosis, Weis, Davy and Hoegh-Guldberg 7.30 – 8.30: <i>Symbiodinium</i> and coral diversity, LaJeunesse, Santos, van Oppen
24 th Jan	8.30 – 10.30: Cell biology, biochemistry and photosynthesis of <i>Symbiodinium</i> and other dinoflagellates, Yellowlees, Leggat, Dove, Liu 10.30 – 11.00: Morning coffee 11.00 – 12.00: Onset, recognition & specificity in dinoflagellate / cnidarian symbiosis, Weis, Davy	1.00 – 2.30: Physiology & biochemistry of coral stress and bleaching, Hoegh-Guldberg, Gates, Allemand 2.30 – 5.30: Reef excursions, CMS students	7.00 – 7.30: Coral calcification and coral culture, Allemand 7.30 – 8.00: <i>Symbiodinium</i> culture, LaJeunesse, Santos 8.00 – 8.30: Confocal and fluorescence microscopy for symbiosis research, Dunn, Ainsworth

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Date	Morning	Afternoon	Evening
25 th Jan	8.30 – 10.00: Coral & algal genomics, Schwarz, Leggat, Dove, Rodriguez-Lanetty 10.00 – 10.30: Coral proteomics, Quinnell 10.30 – 11.00: Morning coffee 11.00 – 12.00: Microbial pathogenesis of animals: Schneider, LaFlamme,	1.00 – 2.00: Lessons learned from other animal/microbe mutualisms, Goodson, Ritchie 2.00 – 5.00: Lab demonstrations, including <i>Symbiodinium</i> in hospite and in culture, isolation & reinfection protocols, and PAM stress measurements (CMS students and postdocs)	7.00 – 9.00: Student and post doc poster session
26 th Jan	Open scheduling for additional talks as needed 8.30 – 10.30: Future directions & plans for collaboration, break out groups (Chaired by organising committee) 10.00 – 10.30: Morning coffee 10.30 – 12.00: Future directions & plans for collaboration, break out groups (Chaired by organising committee)	1.00 – 5.00: Reef excursions (CMS students)	7.00 – 9.00: Future directions & plans for collaboration (Chaired by organising committee)
27 th Jan	Open scheduling for additional talks as needed and/or planning sessions	Depart for Brisbane	