International Conference on
Biotic Plant Interactions

Queensland Biosciences Precinct
The University of Queensland
Brisbane, Australia

27th-29th March 2008

www.uq.edu.au/plants/icbpi/
Friday, 28 March 2008

Session 3: Co-evolution and Ecology  
Chair: André Drenth

8.30 am  Plenary talk: Bioinformatics and functional genomics of the *Phytophthora* infection. (Brett Tyler) (sponsored by Journal of Experimental Botany)

9.05 am  Multiple host-specific toxins, lateral gene transfer and gene loss in the evolution of cereal *Pleosporalean* pathogens. (Richard Oliver)

9.30 am  Waving a red flag: The role of anthocyanin pigments in anti-herbivore defence. (Kevin Gould)

9.55 am  The African sugarcane stalk borer *Eldana saccharina* walker (Lepidoptera: Pyralidae): host-plants, non-host plants and endophytic fungi. (Richard Stuart Rutherford)

10.20-10.40 am Morning tea break

10.40 am  Cyclotides: Cyclic knotted proteins from plants. (David Craig)

Session 4: Plant Biotechnology  
Chair: Xiao-Ya Chen

11.00 am  Plenary talk: Biocontrol fungi act as plant symbionts and affect other biotic plant interactions. (Matteo Lorito)

11.35 am  Field bioassay of peach host-plant volatiles attractive for oriental fruit moth *Grapholita molesta* Busck (Lepidoptera: Tortricidae). (Alexandre Il-Ichev)

12.00 pm  Effect of variety or rootstock on biochemical defences and postharvest disease development in mango and avocado. (Elizabeth Dann)

12.25-1.15 pm Lunch

1.15 pm  Transcriptional reprogramming of defense-related genes in rice plants against leaf folder insects. (Saveetha Kandasamy)

Session 5: Emerging Areas and Global Change  
Chair: Matteo Lorito

1.40 pm  Plant-mediated insect gene silencing - a new approach to dissecting plant-insect interactions and pest control. (Xiao-Ya Chen)

2.05 pm  Climate change impacts on plant defence chemistry: an integrated analysis. (Ros Gleadow)

2.30 pm  *Pongamia pinnata*, the legume to drive the Australian biodiesel industry of the future. (Paul Scott)

2.55 pm  Opening the black box of soil microbial interactions through metatranscriptomics. (Ken McGrath)

3.20 - 3.40 pm Afternoon tea

3.40 - 5.30 pm Poster Session (please attend your poster)

6 pm  Cocktails and Social Mixing