Plenary Speaker

Professor Daniel Romo
Schotts Professor of Chemistry
Baylor University
Texas, USA

Keynote Speakers
Dr Yit-Heng Chooi (University of WA)
Prof. Brian Stoltz (Caltech)

Registration: 8.15-9.00 am
Lectures begin 9.00 am and end ~5.30 pm
Lunch & refreshments included

Organising Committee/Contacts
Chair: Peter Karuso (peter.karuso@mq.edu.au)
Speakers & Sponsors: Andrew Piggott (andrew.piggott@mq.edu.au)
Abstracts: Andrew Piggott (andrew.piggott@mq.edu.au)
Information: Fei Liu (fei.liu@mq.edu.au)
Site & Facilities: Joanne Jamie (joanne.jamie@mq.edu.au)
Prof. Daniel Romo (Baylor)

Prof. Romo is interested in the chemical synthesis of natural products. In the lab and through collaborations, he studies their mechanisms of action, follows biosynthetic clues to simplify the steps needed to make the natural products, and investigates their potential for use as treatments or therapies.

*Representative publications*


Dr Yit-Heng Chooi (UWA)

Dr Chooi’s lab focuses on understanding the biosynthesis of secondary metabolites (natural products) in fungi and uncovering the bi-ecological roles of these molecules. He employs a combination of tools in functional genomics, synthetic biology, biochemistry and chemical ecology to bridge the gaps between genes, molecules and functions.

Prof. Brian Stoltz (Caltech)

Research in Prof. Stoltz’s group centers on chemical synthesis with a focus on development of new strategies for the preparation of complex molecules possessing interesting structural, biological, and physical properties. His general research paradigm is to utilize architecturally complex target molecules as the driving force behind the development of new reactions, which extend the limits of the science.