

The Chemistry and Biology of Natural Products Symposium VII

Thursday, 20th of June 2013

Warwick Centre for Industrial Biotechnology and Biorefining

10:00 Registration, Tea and Poster Set up

10:30 John Sidda, University of Warwick/Corre Group

Discovery and biosynthesis of novel natural products from *Streptomyces venezuelae*

11:00 Zdenek Kamenik, The Academy of Sciences of the Czech Republic, Prague/Challis and Janata Groups

Biosynthesis of bottromycin

11:30 Antoine Abou Fayad, University of St Andrews/Goss Group

Combining Synthesis & Biosynthesis to Generate Designer Antibiotics

12:00 Lunch and Posters

13:30 Chompoonik Kanchanabancha, University of Cambridge/Leadlay Group

Decoding the biosynthesis of tetronate drugs

14:00 Doug Roberts, University of Bristol/Cox Group

Investigating the programming of Iterative Polyketide Synthase

14:30 Matthew Jenner, University of Nottingham/Oldham Group

Substrate Specificity of Ketosynthase Domains: Tolerance and Tunability

15:00 Tea and Posters

15:30 Shushan Gao University of Bristol/Willis Group

Biosynthetic Studies on the Mupirocin and Thiomarinol Antibiotics

16:00 Ashley Beattie, University of Edinburgh/Campopiano Group

Probing the vitamin B6-dependant enzyme serine palmitoyltransferase with substrates, cofactors and inhibitors

16:30 Ellis O'Neill, John Innes Centre/Field Group

De novo transcriptome sequencing of the alga *Euglena gracilis* reveals unexpected metabolic capabilities

17:00 Wine Reception and Prize-Giving

For information and registration:

<http://www2.warwick.ac.uk/fac/sci/wcibb/meetings/chemistryandbiologysymposium>