

## The Chemistry and Biology of Natural Products Symposium IX

Thursday 25<sup>th</sup> – Friday 26<sup>th</sup> June 2015 - University of Warwick, Zeeman Building, MS.01

### THURSDAY 25<sup>th</sup>

#### 10:00 Registration, Tea and Poster Set up

- 10:45 Introduction from NPRONET**
- 11:00 Hadi Mohammad, University of Birmingham – Chris Thomas group**  
TmuB catalyzes the 4-hydroxylation of Thiomarinol
- 11:30 Vincent Poon, University of Warwick – Christophe Corre/Jonathan Moore groups**  
Predicted novel azoxy natural compounds in *Streptomyces avermitilis*
- 12:00 Fabrizio Alberti, University of Bristol – Gary Foster/Andy Bailey groups**  
Reconstruction of the biosynthetic pathway for the diterpene antibiotic pleuromutilin in the secondary host *Aspergillus oryzae*

#### 12:30 Lunch and Posters

- 14:00 Rachael Wilkinson, University of Southampton – Peter Roach group**  
Biochemical characterisation of the (p)ppGpp synthetase enzyme from the biowarfare agent *Francisella tularensis*
- 14:30 Divyang Jani, Isomerase Therapeutics Ltd**  
Isomerase Therapeutics: developing bioengineered natural products
- 15:00 Jeroen Maertens, University of Bristol – Colin Lazarus group**  
Production of natural statins by heterologous gene expression in *Aspergillus oryzae*

#### 15:30 Tea and Posters

- 16:00 Ian Mat Som, University of Glasgow – Stephen Clark group**  
Towards the Total Synthesis of the Asbestinins
- 16:30 Alice Banks, University of Bristol – Gary Foster/Andy Bailey groups**  
Investigating terpenoid biosynthesis in basidiomycete fungi
- 17:00 Martin Schafer, John Innes Centre, Norwich – Mark Buttner group**  
Structure-function relationships of the DNA gyrase inhibitor simocyclinone: SimC7 is essential for antibiotic activity

#### 17:30 Wine Reception and hot buffet dinner

For information and registration:

<http://warwick.ac.uk/naturalproducts>



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### FRIDAY 26<sup>th</sup>

#### 8:45 Arrival and Tea

- 09:15** **Elena Riva, University of Warwick – Manuela Tosin group**  
Chemical probes for the functionalization of polyketide intermediates
- 09:45** **Sarah Barry, King's College London**  
Finding new chemistry in natural product biosynthetic pathways
- 10:15** **Nick Allenby, Demuris Ltd**  
Demuris: Natural Products from Actinomycetes

#### 10:45 Tea and posters

- 11:30** **Joanna Geden, University of Warwick – Mike Shipman Group**  
Towards the Total Synthesis of Phyllostictine A
- 12:00** **Annabel Murphy, University of Cambridge – Peter Leadlay group**  
Rational design to expand ketosynthase substrate promiscuity
- 12:30** **Wenli Li, Ocean University of China, Qingdao**  
More than anticipated, secondary metabolites biosynthesis in marine *Bacillus* strain

#### 13:00 Lunch

#### Prize giving

#### 14:30 Close

