NPRONET

Natural products discovery and bioengineering network, a BBSRC NIBB

WARWICK

THE UNIVERSITY OF WARWICK

The Chemistry and Biology of Natural Products Symposium IX

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

THURSDAY 25th

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 **Pedro Dinis, University of Southampton – Peter Roach group**
Structural insights into the mechanism of HydG, a maturase of the [Fe-Fe]-hydrogenase HydA

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

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17:30 Wine Reception and conference dinner

For information and registration:
http://warwick.ac.uk/naturalproducts

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FRIDAY 26th

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

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