

The Chemistry and Biology of Natural Products Symposium VIII

Thursday, 5th of June 2014 - University of Warwick, Zeeman Building, MS.01

9:45 Registration, Tea and Poster Set up

- 10:15 Anja Heutling, Leibniz Universität Hannover - Andreas Kirschning Group**
Development of a mutasynthetic approach towards proansamitocin derivatives and its chemoenzymatic conversion to ansamitocin derivatives
- 10:40 Anna-Winona Struck, University of Manchester - Jason Micklefield Group**
Engineering of biological systems to modify nonribosomal peptide antibiotics and other natural products
- 11:05 Hanna Luhavaya, University of Cambridge - Peter Leadlay Group**
Novel analogues of anti-cancer and anti-tuberculosis polyether salinomycin by biosynthetic engineering
- 11:30 Yusra Al-Sammarraie, University of Birmingham - Chris Thomas Group**
Expanding the potential of mutasynthetic approaches for pseudomonic acids

12:00 Lunch and Posters

- 13:15 Cerith Jones, Cardiff University - Eshwar Mahenthiralingam Group**
Characterisation of antimicrobial secondary metabolite gene clusters and products in *Burkholderia*
- 13:40 Bernhard Kepplinger, Demuris Ltd / Newcastle University - Nick Allenby / Jeff Errington**
Multiple Antibiotic Compounds produced from an *Amycolatopsis* Isolate
- 14:05 Nadine Kandziora, Leibniz Universität Hannover - Frank Hahn Group**
Uncovering the origin of Z-configured double bonds in polyketides: *in vitro* and *in vivo* confirmation of intermediate E-double bond formation during borrelidin biosynthesis
- 14:30 Guillermo H. Jiménez-Alemán, Max Planck Institute, Jena - Wilhelm Boland Group**
Jasmonates: New Insights into Structure-Activity Relationships and Metabolism

15:00 Tea and Posters

- 15:30 David Withall, University of Warwick - Greg Challis Group**
Mechanistic Investigation into the oxidative carbocyclisation in streptorubin B biosynthesis
- 15:55 Stanislav Kadlcik, Institute of Microbiology ASCR, Prague - Jiří Janata Group**
Functional characterization of condensation enzyme subunits involved in biosynthesis of lincomycin
- 16.20 Daynea Wallock-Richards, University of Edinburgh - Dominic Campopiano Group**
Sortase A from Gram Positives: A Target for Natural Product Inhibitors

17:00 Wine Reception and Prize-Giving



For information and registration:

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