The Chemistry and Biology of Natural Products
Symposium XIII

25th June 2019
University of Warwick, Zeeman Building, MS.01

#CBNP13
Schedule

9:30 Registration, Tea and Poster Set up

10:20 Welcome & Notices

10:35 Natural Product Updates & MarinLit
Adrian Robinson, (Royal Society of Chemistry, UK)

10:40 Genome-led Discovery and Characterisation of Novel RiPPs
Alicia Russell, Truman Lab (John Innes Centre, UK)

11:00 Chemical Probing of Nonribosomal Peptide Biosynthetic Pathways
Dan Leng, Tosin Lab (University of Warwick, UK)

11:20 Biomimetic Seed Exudate Growth Media as a Strategy for Induction of Specialised Metabolites in *Burkholderia ambifaria*
Yoana Petrova, Mahenthiralingam Lab (Cardiff University, UK)

11:40 New Strategies to Bioactive Targets Inspired by the Antibiotic Pleuromutilin
Jon Davies, Willis Lab (University of Bristol, UK)

12:00 Lunch and Posters

13:30 Structural Bioinformatics of Polyketide Synthases
Tuğçe Oruç, Winn Lab (University of Birmingham, UK)

13:50 Molecular Basis for Chain Length Control in Etnangien and Gladiolin Biosynthesis
Xinyun Jian, Challis Lab (University of Warwick, UK)

14:10 Diazeniumdiolate Natural Products and their Derivatives as a Novel Class of Signalling Molecules
Simon Sieber, Gademann Lab (University of Zürich, Switzerland)

14:30 Self-Immunity Guides Discovery of an Antibiotic Target
Sibyl Batey, Wilkinson Lab (John Innes Centre, UK)

14:50 Heterologous Production of a New Lasso Peptide Brevunsin
Shinya Kodani, (Shizuoka University, Japan)

15:10 Tea Break and Posters

16:10 Mutasynthetic Production of Proansamitocin Derivatives using a ΔAHBA, Δasm12/21 A. *pretiosum* Mutant Strain
Friederike Schäkel, Kirschning Lab (Leibniz University of Hanover, Germany)

16:30 The Molecular and Evolutionary Origin of Nepetalactone Biosynthesis in Catnip
Benjamin Lichman (University of York, UK)

16.50 Closing Lecture: Direct Pathway Cloning (DiPaC) in the Hunt for Novel (Bio-)Chemistry
Paul D’Agostino, Gulder Lab (Technische Universität Dresden, Germany)

17.30 Drinks Reception

18.00 Prize Announcements