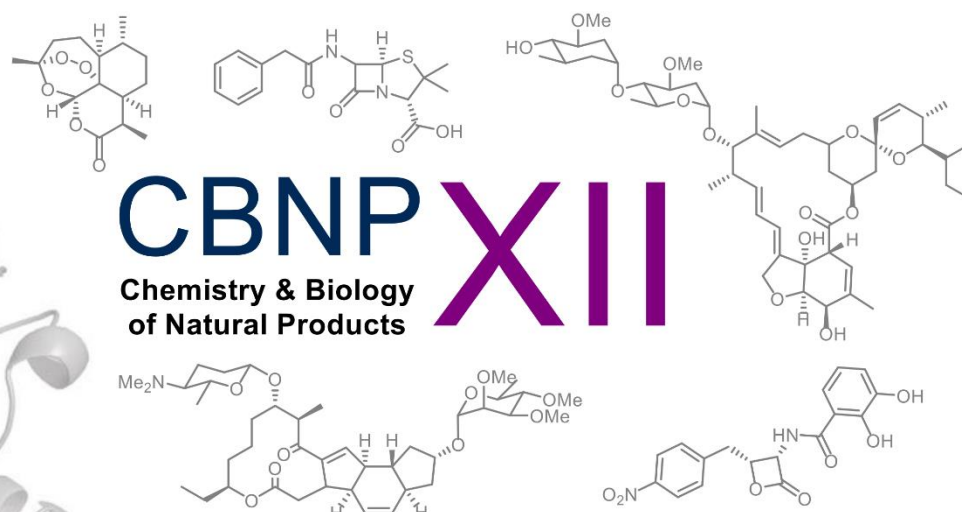
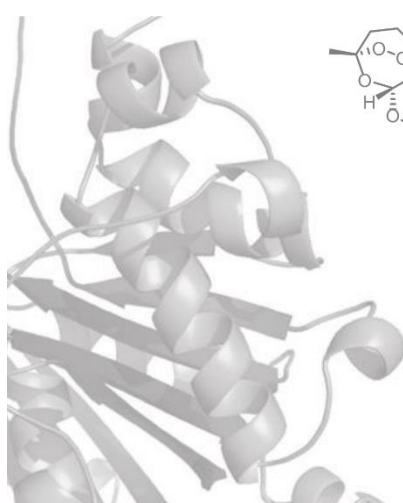


The Chemistry and Biology of Natural Products Symposium XII

Thursday 28th – Friday 29th June 2018

University of Warwick, Zeeman Building, MS.01



#CBNP12



Thursday 28th June

9:30 Registration, Tea and Poster Set up

10:30 Welcome & Introduction from NPRONET

10:40 Eleni Vikeli, John Innes Centre – Wilkinson Group

New antimicrobials produced by *Saccharopolyspora* strains isolated from fungus-farming tetraponera plant ants

11:00 Paul Walker, University of Bristol – Willis & Crump Groups

Programmed β -Methyl incorporation in the kalimantacin antibiotics

11:20 Alex Mullins, Cardiff University – Mahenthiralingam Group

Natural products of the biopesticide *Burkholderia ambifaria*

11:40 Christian Hobson, Warwick University – Challis Group

A dehydratase domain capable of catalysing consecutive dehydrations in *trans*-AT PKSs

12:00 Lunch and Posters

13:30 Rebecca McHugh, University of Strathclyde – Hoskinsson Group

Characterisation of aurodox, a Type III secretion system inhibitor from *Streptomyces*

13:50 Alba Iglesias Vilches, Newcastle University – Stach Group

Engineering natural products – The abyssomicins

14:10 David Heard, University of Bristol – Willis Group

Towards structural elucidation and total synthesis of the fungicidal natural product scytalidin

14:30 Jehad Aldali, Warwick University – Corre Group

Investigating the role of MmyB-like pathway-specific transcriptional activators in antibiotic production

14:50 Laia Castano, University of Strathclyde – Duncan Group

Understanding the chemical warfare of actinomycetes across taxonomic and phylogenetic boundaries for accelerated antibiotic discovery

15:10 Tea Break and Posters

16:10 Sannia Farooque, University of Leeds – Rayner Group

Purification of bioactive compounds from *Ribes nigrum* and *Streptomyces coelicolor*

16:30 Rory Little, University of Cambridge – Leadlay Group

Novel ring-forming enzymes in tetronate biosynthesis

16.50 Closing Lecture: Rebecca Goss, University of St. Andrews

Blending synthetic chemistry with synthetic biology to access novel natural products

17:30 Wine Reception & Hot Buffet Dinner

19.30-Onwards Drinks @ Terrace Bar

Friday 29th June

9:00 Simon Vobruba, Czech Academy of Sciences

Deacetylation catalysed by TldD/PmbA family proteins releases lincosamide intermediate from 'detoxification system' towards biosynthesis completion

9:20 Piera Marchetti, University of Edinburgh – Campopiano Group

Exploring the tambjamine YP1 biosynthetic pathway

9:40 Hung En Lai, Imperial College London – Freemont Group

Semi-synthetic strategies towards generating bisindole antibiotic violacein analogues

10:00 Thomas Booth, John Innes Centre – Wilkinson Group

Evolution of adenylation-domain specificity in non-ribosomal peptide synthesis

10:20 John Sidda, Warwick University – Grant Group

Unleashing cryptic chemistries from *Trichoderma hamatum* GD12

10:40 Tea and Posters

11:20 Marcio Dias, University of São Paulo

Gentamicin biosynthesis: structural biology perspectives and insights

11:40 Bernhard Kepplinger, Newcastle University – Errington Group

Bioprospecting for lipoteichoic acid synthesis inhibitors

12:00 Yousef Dashti, Warwick University – Challis Group

Discovery and biosynthesis of gladiochelins, novel lipopeptides from *Burkholderia gladioli*

12:20 Simon Moore, Imperial College London – Freemont Group

Streptomyces cell-free transcription, translation and biosynthesis for natural product discovery

12:40 Closing Lecture: Kate de Mattos-Shiple, University of Bristol

Filamentous fungi as factories – a Bristol perspective

13:20 Lunch and Posters

13.45 Prize announcement

14:00 Close