

Thursday 29th June

9:30 Registration, Tea and Poster Setup

10:30 Welcome – Fabrizio Alberti & Matt Jenner

Chair: Fabrizio Alberti

10:40 Clara Woodcraft – University of Western Australia ([Chooi](#) Group)
'Advancing CRISPR activation-based tools for the discovery of fungal secondary metabolites'

11:00 Munro Passmore – University of Warwick ([Jenner](#) / [Challis](#) Groups)
'Elucidating the role of docking domains in histone deacetylase (HDAC) inhibitor biosynthesis by hybrid PKS-NRPS assembly lines'

11:20 Hannah Augustijn – Universiteit Leiden ([van Wezel](#) / [Medema](#) Group)
'Transcription factor binding site detection for regulatory and functional predictions of biosynthetic gene clusters'

11:40 Maurice Hauser – Leibniz Universität Hannover ([Cox](#) Group)
'Investigating the stereoselectivity of a fungal highly reducing polyketide synthase involved in strobilurin biosynthesis'

12:00 Lunch and Posters

Chair: Nazia Auckloo

13:30 Adrian Gadar-Lopez – DTU Biosustain ([Cruz-Morales](#) / [Keasling](#) Groups)
'Expanding the repertoire of fungal heterologous hosts for the expression of natural products'

13:50 Sopida Wongwas – University of Warwick ([Corre](#) / [Stavros](#) Groups)
'Bioengineering natural sunscreens in Streptomyces'

14:10 Edder Daniel Bustos Diaz – Universiteit Leiden ([Barona Gomez](#) Group)
'Metallophore biosynthesis in nitrogen fixing symbiotic Nostocales'

14:30 Catharine Wood – University of York ([Lichman](#) Group)
'Discovery of the first steps of Securinega alkaloid biosynthesis'

14:50 Ash Winter – University of Bristol ([Crump](#) Group)
'Programmed iteration controls the assembly of the nonanoic acid side chain of the antibiotic mupirocin'

15:10 Tea Break and Posters

Chair: Lona Alkhalaf

16:10 Dan Richmond – University of Warwick ([Menon](#) / [Corre](#) Groups)
'Development of novel halogenase enzymes for biopharmaceutical applications'

16:30 Hannah Hodgson – John Innes Centre ([Osborn](#) Group)
'Limonoid biosynthesis in plants – scaffold rearrangement and furan formation'

16:50 Closing Lecture: Pedro Leão - Universidade do Porto (Group Leader – [Leão](#) Group)
'Discovery of unusual (bio)chemistry by targeting fatty acid incorporation into cyanobacterial natural products'

17:30 Wine Reception & 'Pizza Party' Dinner

19.30 - Onwards Drinks @ Terrace Bar

Friday 30th June

9:30 Tea & Coffee

Chair: Panward Prasongpholchai

10:00 Jingfan Zhang – University of Warwick ([Alberti](#) Group)

'Scleric acid biosynthesis studies and semisynthetic derivatives'

10:20 Jonathon Liston – John Innes Centre ([Wilkinson](#) Group)

'Working with unstable antibiotics; towards a mode of action and self-immunity mechanism for obafluorin'

10:40 Marius Spohn – Fraunhofer Institute for Molecular Biology ([Natural Product Department](#))

'From regulon to stimulus to metabolite: Zur – zinc – transvalencins'

11:00 Mitja Zdouc - Wageningen University ([Medema](#) / [van der Hoof](#)t Groups)

'The FERMO metabolomics dashboard for automated bioactive natural products prioritization'

11:20 Coffee and Posters

Chair: Matt Jenner

12:00 Kaouthar Eljounaidi – University of York ([Lichman](#) Group)

'Transcriptome-based discovery of novel terpene synthases'

12:20 Chuan Huang – Monash University ([Cryle](#) / [Challis](#) Groups)

'Biosynthesis of the potent antitrypanosomal spoxazomicins A-C'

12:40 Closing Lecture: Zachary Reitz – Wageningen University ([Medema](#) Group)

'Omics-based function prediction of biosynthetic gene clusters based on substructure identification and expression profiling'

13:10 Lunch and Posters

13.45 Prize announcement

14:00 Close



**UK Research
and Innovation**



**RSC INTEREST GROUP
CHEMICAL BIOLOGY
AND BIOORGANIC**