

21ST CENTURY FRONTIERS IN CHEMICAL BIOLOGY SYMPOSIUM

FRIDAY 23RD JUNE 2023

WELCOME

9:15 – 10:00	Registration & Coffee
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SESSION 1 | CHAIR: LIJIANG SONG |

10:00	CluSeek: Bioinformatics Tool to Identify and Analyze Gene Clusters in Prokaryotes <i>Zdenek Kamenik, Czech Academy of Science, Czech Republic</i>
10:30	On the evolution of natural products <i>Paco Barona-Gomes, Leiden University, Netherlands</i>
11:00	Investigating the signalling molecule-mediated regulation of specialized metabolite biosynthesis in Actinobacteria <i>Shanshan Zhou, Institute of Microbiology, Chinese Academy of Sciences (IMCAS), China</i>
11:30	Natural Products in Crop Protection Research <i>Lauren Ray, Syngenta, UK</i>

BREAK

12:00 – 13:00	Lunch
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SESSION 2 | CHAIR: CHRIS CORRE |

13:00	Biosynthesis of bicyclic depsipeptide histone deacetylase inhibitors <i>Xinyun Jian, Monash University, Australia</i>
13:30	Pyrrolamides: biosynthesis, regulation and synthetic biology <i>Sylvie Lautru, Université Paris-Saclay, France</i>
14:00	Biosynthesis and bioengineering of novel bacterial benzolactone enamide anticancer agents <i>Joleen Maschelein, KU Leuven, Belgium</i>
14:30	Exploiting actinomycetes to deliver novel bioactive natural products <i>Daniel Oves-Costales, Fundacion MEDINA, Spain</i>

BREAK

15:00 – 15:30	Afternoon Tea
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SESSION 3 | CHAIR: DOUG ROBERTS |

15:30	Harnessing Chemical Biology and Chemical Ecology to protect crops and the environment <i>David Withall, Rothamstead Research, UK</i>
16:00	Environmental issues around plastics and plastic-derived chemical contaminants: the COVID-19 example <i>Gideon Idowu, Federal University of Technology Akure, Nigeria</i>
16:30	Harnessing Chemical Biology Strategies for Early Drug Discovery <i>Dani Zabala, Faes Farma, Spain</i>
17:00	New Chemistry inspired by natural product biosynthesis <i>Sarah Barry, Kings College London, UK</i>

RETIRE TO PUB FROM 17:30