

ChemBioX 2019 Schedule

Day 1

- 10.15-10.40 **Registration and coffee**
10.40-10.45 **Welcome**
Professor Akane Kawamura

Session 1 *Chair: Adam Thomas*

- 10.45-11.30 **Professor Paul Fish**
Chemical biology enabling drug discovery. Small molecule chemical tools of the Wnt-depalmitoleating enzyme Notum
- 11.30-11.45 **Maxime Rouah**
Discovery of bioorthogonal chemical probes for the cellular imaging of PI3K δ inhibitors: learnings on the cellular distribution and target engagement of inhaled molecules
- 11.45-12.00 **Benoit Darlot**
TherapeuTick: from tick saliva to anti-inflammatory peptides
- 12.00-12.15 **Kristina Aertker**
Importance of the Carbapenem 6-Hydroxyethyl Group for the Mechanism and Activity of Class D Carbapenemases
- 12.15-12.30 **Cameron Thorpe**
Synthesis and Biophysical Properties of Carbamate-Locked Nucleic Acid (LNA) Oligonucleotides with Potential Antisense Applications

- 12.30-14.00 **Lunch**
Delegates presenting even-numbered posters are encouraged to stand with their poster from 13:15

Session 2 *Chair: Professor Stuart Conway*

- 14.00-14.45 **Professor Sabine Flitsch**
Design and implementation of *de novo* biosynthetic cascades
- 14.45-15.45 **Career Panel**
Dr Jacob Bush, Dr Andrew Bissette, Professor Thomas Carell, Professor Michelle Chang, Dr Sally Leever, and Clare Viney

- 15.45-16.10 **Coffee and Poster Session**

Session 3 *Chair: Raphael Reinbold*

- 16.10-17.10 **Professor Thomas Carell**
The 2nd Code in DNA
- 17.10-17.30 **Flash Talks**
- 17.30-18.30 **Drinks reception and Poster Session**
- 19.30 Conference dinner at Somerville College

Day 2

Session 4 *Chair: Tobias John*

09.30-10.30 **Dr Chun-Wa Chung**
Chemical biology to link molecular mode of action to distinct pharmacology

10.30-11.00 **Coffee**

Session 5 *Chair: Grace Roper*

11.00-11.45 **Professor Akane Kawamura**
Cyclic Peptides Targeting Epigenetic Proteins

11.45-12.00 **Corentine Laurin**
Chemical tools to probe the role of bromodomains in the parasite *Trypanosoma cruzi*

12.00-12.15 **Yujia Qing**
Directional control of a molecular hopper

12.15-13.30 **Lunch**
Delegates presenting odd-numbered posters are encouraged to stand with their poster from 12:45

Session 6 *Chair: Stephanie Lovell-Read*

13.45-14.30 **Dr Anna Barnard**
Innovative Approaches to Protein-Protein Interaction Inhibition

14.30-14.45 **Leah Taylor Kearney**
A Study of Physiological and Molecular Responses to Hypoxia in Algae and Early Plants

14.45-15.00 **Emma Grant**
PhABits – PhotoAffinity Bits to study protein-ligand binding

15.00-15.30 **Coffee**
Posters should be taken down during this time

Session 7 *Chair: Professor Akane Kawamura*

15.30-16.30 **Professor Michelle Chang**
Synthetic biology approaches to new chemistry

16.30-17.00 **Closing Remarks and Prizes**