

## Spring 2024 Schedule

### Joint Seminars in Chemical Biology and Bioorganic Chemistry

Wednesdays, 12:20 PM – 1:30 PM

Room: Kerr 2001

| Date        | Speaker   | Title  |
|-------------|---|--|
| January 17  | Doug Fowler, PhD<br>(University of Washington)      | Understanding Genetic Variants at Scale: From Technology Development to the Clinic                                   |
| January 24  | Cindy Zhang<br>(CBMC)                               | Inhibitors of PptT for <i>Mycobacterium Tuberculosis</i>   |
| January 31  | Matthew Redinbo, PhD<br>(Chemistry)                 | Gut Microbial Enzymes Impact Human Homeostasis and Disease   |
| February 7  | Dek Woolfson, PhD<br>(University of Bristol)        | Designing New Peptide Assemblies and Proteins for Fun and Subcellular Applications                                   |
| February 14 | Glory Dan-Dukor<br>(CBMC)                           | Harnessing Multivalency and Oligomerization of ETO2 for Selective Inhibition   |
| February 21 | William Pomerantz, PhD<br>(University of Minnesota) | Chemical Epigenetics Approaches for Developing Selective Inhibitors and Degraders of Bromodomain-Containing Proteins |
| February 28 | Tayyaba Hasan, PhD<br>(Harvard University)          | Optically Activated Nanomedicines: Photodynamic Activation as a Priming and Imaging Tool                             |
| March 6     | Martin Schmeing, PhD<br>(McGill University)         | Biosynthesis and Use of Cyanophycin, the Most Interesting Non-Nonribosomal Peptide You've Not Heard Of               |
| March 20    | John Middleton<br>(Chemistry)                       | Using a Novel MutS Chimera in Single-Molecule FRET Experiments to Understand Mismatch Binding in DNA Mismatch Repair |
| March 27    | Jacob Capener<br>(CBMC)                             | Developing Chemical Tools for The Casein Kinase Gamma Isoforms   |
| April 3     | Olivia Steiner<br>(Chemistry)                       | Activation of Dithiolopyrrolone Antibiotics by Bacterial Disulfide Reductases and Small-Molecule Thiols              |
| April 10    | Chris Parker, PhD<br>(Scripps FL)                   | Proteome-Wide Ligand and Target Discovery in Cells   |
| April 17    | Ryan Potts, PhD<br>(Amgen)                          | Next Generation Drug Discovery: Proximity-Based Therapeutics   |
| April 24    | Brian Anderson<br>(CBMC)                            | Development of Chemical Tools for Understudied Kinases   |