## Medicinal Chemistry Seminar

**Spring 2022**

*Tuesdays, 3:35-5:00 pm • 1-451 Moos Tower & Zoom*

[zn.umn.edu/MedChemSeminars](zn.umn.edu/MedChemSeminars)

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Speaker/Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 18</td>
<td>Discovery of AAK1 Inhibitors for the Treatment of Neuropathic Pain</td>
<td>Bo Hu, Duerfeldt Lab</td>
</tr>
<tr>
<td>January 25</td>
<td>Bioorthogonal Cleavage Reactions as a New Approach to Prodrugs</td>
<td>Caitlin Lichtenfels, Wagner Lab</td>
</tr>
</tbody>
</table>
| February 15| Kratom (Mitragyna Speciosa): A Complex Symphony of Alkaloids that May Help the Opioid Crisis | Dr. Chris McCurdy, University of Florida  
  *Faculty Host: Dr. Philip Portoghese* |
| February 22| TBA                                                                   | Dr. Mark P. Farrell, University of Kansas  
  *Faculty Host: Dr. Elizabeth Ambrose* |
| March 1    | **Taito O. Soine Lecture** Harnessing the Chemistry of Medicinal Plants | Dr. Sarah O’Connor, Max-Planck-Gesellschaft  
  *Faculty Host: Dr. Gunda Georg* |
| March 8    | Establishing Medicinal Inorganic Chemistry: Applications of Gallium(III) and Titanium(IV) - How Fundamental Coordination Chemistry Informs Development and Validation of Novel Antibiotics and Radiopharmaceuticals | Dr. Eszter Boros, Stony Brook University  
  *Faculty Host: Dr. Valerie Pierre*  
  **TBA** |
| March 15   | **Distinguished Lecture** TBA                                         | Dr. Christa Müller, University of Bonn  
  *Faculty Host: Dr. Gunda Georg*  
  **TBA** |
| March 29   | **Virtual** Vignettes from the Pharma Industry                        | Dr. Yves Auberson, Novartis Institutes for Biomedical Research  
  *Faculty Host: Dr. Daniel Harki*  
  **TBA** |
| April 5    | **Virtual** Evaluating Mycobacterium Tuberculosis-mediated Metabolism to Facilitate Small Molecule Medicinal Chemistry Optimisation | Dr. Kelly Chibale, University of Cape Town  
  *Faculty Host: Dr. Gunda Georg*  
  **TBA** |
| April 12   | **Virtual** TBA                                                       | Dr. Jennifer Petter, Arrakis Therapeutics  
  *Faculty Host: Dr. William Pomerantz*  
  **TBA** |
| April 19   | **Distinguished Lecture** TBA                                         | Dr. Craig Cameron, University of North Carolina  
  *Faculty Hosts: Dr. Daniel Harki & Dr. Rick Wagner*  
  **TBA** |
| April 26   | **Philip S. Portoghese Lecture** TBA                                 | Dr. Jane Aldrich, University of Florida  
  *Faculty Host: Dr. David Ferguson*  
  **TBA** |
| May 3      | **Abul-Hajj/Hanna Award Winner** TBA                                  | TBA |

Seminars are free and open to the public.