

Medicinal Chemistry Seminar

Spring 2021

Tuesdays, 3:30-5:00 pm • Zoom Meeting ID: 915 6093 8295 (Passcode: MedChem-1)

January 26	<i>Blocking SARS-CoV-2 Cell Entry via Host Protease Inhibition</i>	Analise Roth-Rodriguez , Graduate Student, Ferguson Lab
February 2	<i>Leveraging Medicinal Chemistry for Target Engagement and Validation in Neurodegeneration and COVID-19</i>	Dr. Kathryn Nelson , Research Assistant Professor, University of Minnesota
February 9	<i>Physicochemical properties, i.e. the foundation of ADME! (or...why you should care)</i>	Dr. Franco Lombardo , Senior Director, DMPK, Alkermes, Inc. <i>Faculty Host:</i> Gunda Georg
February 16	**Postdoctoral Research Showcase** <i>Comparison of Bioorthogonal β-Lactone Activity-Based Probes for Selective Labeling of Penicillin-Binding Proteins</i> <i>Synthesis of C-nucleoside Derivatives as Potent Antivirals</i>	Dr. Nathaniel Brown , Postdoctoral Associate, University of Minnesota <i>Faculty Host:</i> Erin Carlson Dr. Tej Poudel , Postdoctoral Associate, University of Minnesota <i>Faculty Host:</i> Courtney Aldrich
February 23	<i>Discovery of Molecules to Monitor and Perturb the Activity of the Proteasome</i>	Dr. Darci J. Trader , Assistant Professor, Purdue University <i>Faculty Host:</i> Daniel Harki
March 2	<i>Structure-based Design of Novel Biphenyl Amide Antagonists of TRPM8 for Chemotherapy-induced Peripheral Neuropathy</i>	Dr. Velvet Journigan , Assistant Professor, Marshall University <i>Faculty Host:</i> Elizabeth Ambrose
March 9	TBD	Dr. Sylvie Garneau-Tsodikova , Professor & Assistant Dean of Research, University of Kentucky <i>Faculty Host:</i> Courtney Aldrich
March 16	TBD	Dr. Steffen Pockes , Assistant Professor, University of Regensburg; Visiting Research Professor, University of Minnesota <i>Faculty Host:</i> Michael Walters
March 23	TBD	Dr. Michael Walters , Research Associate Professor, & Director of Lead and Probe Discovery Core, University of Minnesota
March 30	TBD	MIKI Practice Talks
April 13	<i>Safety in Medicinal Chemistry Research</i>	Rebecca Cuellar, Jodi Ogilvie, and Nancy Rolstad , College of Pharmacy, University of Minnesota
April 20	<i>A Window into Alzheimer's: Are the Eyes a Key to Early Detection and Prevention?</i>	Dr. Swati S. More , Associate Professor, University of Minnesota <i>Faculty Host:</i> Courtney Aldrich
April 27	<i>New Paradigms for GPCR Signaling in Neuroscience</i>	Dr. Carrie Haskell-Luevano , Professor, Philip S. Portoghese Endowed Chair, & Associate Department Head, University of Minnesota
May 4	TBD	Dr. Scott Dehm , Professor and Apogee Enterprises Chair in Cancer Research, University of Minnesota <i>Faculty Host:</i> Daniel Harki

Seminars are free and open to the public.



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