Chemical Biology Seminars
Week of Oct. 4, 2020

This seminar list is also posted at http://www.chembio.umn.edu.

Sponsored by: Department of Medicinal Chemistry

Upcoming Events

• October 5-6, 2020, “Translational Chemical Biology Virtual Conference”, via Online. Register here: go.nature.com/TCBiology

• October 5, 2020, “Global Health and Social Responsibility: Reexamining Medical Missions”, Mini Medical School held via Zoom from 5:30-7:00pm. Register here: https://umn-private.zoom.us/webinar/register/WN_9ESa6RC5TAmPPoIObBmFw

• October 12, 2020, “Global Health is Local Health: Connecting Global Health to the Health of Minnesota”, Mini Medical School held via Zoom from 5:30-7:00pm. Register here: https://umn-private.zoom.us/webinar/register/WN_9ESa6RC5TAmPPoIObBmFw

• October 19, 2020, “Global Health Research: The Importance of Global Collaboration to Battle Global Threats”, Mini Medical School held via Zoom from 5:30-7:00pm. Register here: https://umn-private.zoom.us/webinar/register/WN_9ESa6RC5TAmPPoIObBmFw


Monday, October 5

Naomi Taylor, Senior Investigator and Head of Basic to Translational Oncology Section
Pediatric Oncology Branch, Center for Cancer Research, National Cancer Institute
Metabolite Shifts as Regulators of Hematopoietic Stem Cell and T cell Differentiation
12pm, Zoom Webcast (MICaB Invited Speaker Seminar)
https://umn-private.zoom.us/j/95881136465?pwd=R3FJYStHV3F0NWVvWFESVFSIZBQT09

Changwei Peng, Graduate Student (Advisor: Stephen Jameson)
College of Biological Sciences, University of Minnesota
TBA
12pm, Zoom Webcast (MCDB&G Seminar)
https://umn.zoom.us/j/98312781398
Meeting ID: 983 1278 1398

Lina Quesada, Associate Professor
Dept. Entomology and Plant Pathology, North Carolina State University
Population Genetics and Epidemiology Approaches for Management of Re-emerging Pathogens of Vegetable Crops
2:30pm, Zoom Webcast (PLPA Seminar)
https://umn.zoom.us/j/856707895
Meeting ID: 856 707 895

Julija Cubins, Graduate Student (Advisor: S. Wells)
Dept. Agronomy & Plant Genetics, University of Minnesota
From Pod to Pod: Bridging the Gap between Research and Communication
3:30pm, Zoom Webcast (APS Seminar)
https://umn.zoom.us/j/91958863640?pwd=eXMyaWJ3N2hLT2oa3aJMUV1dHAvZz09
Passcode: SZ022=

Sapna Sarupria, Professor
Dept. Chemical & Biomolecular Engineering, Clemson University
Nano-diving into the Clouds: Uncovering Molecular Mechanisms of Heterogeneous Ice Nucleation
4pm, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/92793817088?pwd=Tk0K1lPKOFEMmNER0RmRHBLUTIOQT09

Tuesday, October 6

Lindsey Sloan, Assistant Professor
Dept. Radiation Oncology, University of Minnesota
Radiation Immunodynamics in the Treatment of Patients with Glioblastoma
9am, Zoom Webcast (Masonic Cancer Center Seminar)
https://z.umn.edu/seminarzoom
Michael Dorantes, Graduate Student (Advisor: Connie Lu)
Dept. Chemistry, University of Minnesota
**Catalytic N2 to NH3 Conversion by a Tin-supported Iron Complex**
9:30am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

Yukun Cheng, Graduate Student (Advisor: Ian Tonks)
Dept. Chemistry, University of Minnesota
**Synthesis of Pentasubstituted 2-Aryl Pyrroles from Boryl and Stannyl Alkynes via One-Pot Sequential Ti-Catalyzed [2+2+1] Pyrrole Synthesis/Cross Coupling Reaction**
10am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

Chase S. Abelson, Graduate Student (Advisor: Lawrence Que Jr.)
Dept. Chemistry, University of Minnesota
**A Highly Reactive High-Valent Iron-Oxo Oxidant Generated upon the Addition of Strong Acids to a Felll-OOH Complex**
10:30am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

Kaz Nelson, Vice-Chair of Education and Associate Professor
Dept. Psychiatry and Behavioral Sciences, University of Minnesota
**Changing our Culture**
12:20pm, Zoom Webcast (BMBB Student Seminar)
https://umn-private.zoom.us/j/99559563778?pwd=OU1mWDdtVWh4cXdpNVg0SJVvY3RUQT09
Passcode: i6Z1qr

Navneet Kapoor, Chief Transformation Officer
A.P. Moller-Maersk
**Necessary and Sufficient Conditions for Successful Transformation of Old-economy Businesses**
1:25pm, Zoom Webcast (CEMS Centennial & Jubilee Alumni Lecture)
https://next100.cems.umn.edu/

Caitlin Barale Potter, Education and Outreach Coordinator and Seth Thompson, Outreach Program Manager
Cedar Creek Ecosystem Science Reserve Outreach, University of Minnesota
**TBA**
3pm, Zoom Webcast (PMB Seminar)
z.umn.edu/pmb-2020-fall-seminars

Wenqiu Zhang, Graduate Student (Elmquist Lab)
Dept. Pharmaceutics, University of Minnesota
**CNS Delivery of HDAC Inhibitors for Brain Tumors**
3pm, Zoom Webcast (Pharmaceutics Seminar)
Email kmjames@umn.edu to request a Zoom join link

Tsung-Yun (Kent) Wong, Graduate Student (Advisor: Courtney Aldrich)
Dept. Medicinal Chemistry, University of Minnesota
**Orexin 1 Receptor Antagonists as Prospective Therapeutics for Panic Disorder**
3:30pm, Zoom Webcast (Medicinal Chemistry Seminar)
https://umn-private.zoom.us/j/91560938295
Passcode: MedChem-1

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**Wednesday, October 7**

Carrie Sheeler, Graduate Student (Advisors: Marija Cvetanovic and Harry Orr)
Institute of Molecular Virology, University of Minnesota
**SCA1 in hiPSC-derived Motor Neurons**
12pm, Zoom Webcast (GPN Seminar)
For link, please email umn.gpn@gmail.com

Julia Liu, Assistant Professor
Dept. Integrative Biology and Physiology, University of Minnesota
**The Impact of Mitochondrial Calcium Regulation In Vivo**
12pm, Zoom Webcast (LHI Lecture)
http://z.umn.edu/lhi-webcast

Damla Senturk, Professor
Dept. Biostatistics, University of California, Los Angeles
**Multilevel Modeling of Spatially Nested Functional Data: Spatiotemporal Patterns of Hospitalization Rates in the U.S. Dialysis Population**
3:30pm, Zoom Webcast (Division of Biostatistics Seminar)
Register at https://umn.zoom.us/webinar/register/WN_ICxHZArDQv6Kk97bUwcQ2Q

Rohini Balakrishnan, Professor
Center for Ecological Sciences, Indian Institute of Science, Bangalore
**Song, Flight, and Death: The Trials of being a Cricket**
3:30pm, Zoom Webcast (EEB Seminar)
https://z.umn.edu/EEB-Fall-2020-Seminars
Chemical Biology Seminars - Week of October 4, 2020

Thursday, October 8

**Casey Carpenter**, Graduate Student (Advisor: Christopher Douglas)
Dept. Chemistry, University of Minnesota
**Studies Towards [24]Azacyclacene**
9:30am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

**Steven Prinslow**, Graduate Student (Advisor: Connie Lu)
Dept. Chemistry, University of Minnesota
**Exploring Alkane Oxidation at Isolated Fe(II) Sites in the Metal-Organic Framework PCN-250s**
10am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

**Daniel Blechschmidt**, Graduate Student (Advisor: Steven Kass)
Dept. Chemistry, University of Minnesota
**Earth-Abundant Metal Incorporation into Charge-Enhanced Brønsted Acid Catalysis**
10:30am, Zoom Webcast (Chemistry Seminar)
https://umn.zoom.us/j/99597043402

**Jessica Grussing**, Director-National Accounts
Neurelis, Inc.
**Managed Care and Formulary Access for Newly Approved Drugs: Payor and Pharma’s Perspective**
11:15am, Zoom Webcast (CODR Seminar)
https://umn-private.zoom.us/j/96629216638?pwd=bWZSV042bk1 xenZINGU1N3hhcGdHQT09
Meeting ID: 966 2921 6638
Passcode: B1aMZs

**Lucy Sjaastad**, Graduate Student (Advisor: Mike Farrar)
Dept. Microbiology, Immunology, and Cancer Biology, University of Minnesota
**New Foxp3-iDTR Mouse Model to Study Functional Heterogeneity of Treg Subsets**
12pm, Zoom Webcast (MICaB Student Seminar)
https://umn-private.zoom.us/j/99881533315?pwd=VzhUYjJP TVY2R0JDVx9ISDJYMVBJQT09
Meeting ID: 998 8153 3315
Passcode: jpWuv7

**Thomas Jansson**, Florence Crozier Cobb Endowed Professor
Dept. Obstetrics and Gynecology, University of Colorado, Anschutz Medical Campus
**TBA**
12pm, Zoom Webcast (IBP Lecture)
https://z.umn.edu/IBPSeminarSeries

**Elias Puchner**, Assistant Professor
Dept. School of Physics and Astronomy, University of Minnesota
**Exploring Nanoscopic Mechanisms of Intracellular Processes with Quantitative Single-molecule Imaging Techniques**
3:35pm, Zoom Webcast (School of Physics and Astronomy Seminar)
https://umn.zoom.us/j/99948414055

Friday, October 9

**Hai Bin Ruan**, Associate Professor
Dept. Integrative Biology and Physiology, University of Minnesota
**Harnessing a Sugar Modification to Control Immune and Metabolic Disorders**
10am, Zoom Webcast (Pharmacology Seminar)
Check here for zoom link: https://med.umn.edu/news-events/pharmacology-webinar-series-1000-am-1

**Anna Selmecki**, Assistant Professor
Dept. Microbiology and Immunology, University of Minnesota
**Genome Plasticity and Antifungal Drug Resistance**
10:30am, Zoom Webcast (Pharmacology Seminar)
Check here for zoom link: https://med.umn.edu/news-events/pharmacology-webinar-series-1000-am-1

**Lloyd Munjanja**, Associate Director of Graduate Diversity and Program Climate
Dept. Chemistry, University of Illinois at Urbana-Champaign
**Managing Complex Diversity and Climate Change in a Science Department**
11am, Zoom Webcast (BGREAT Seminar)
Register at https://umn-private.zoom.us/webinar/register/WN_qdfWKgEcQUyPisA-aBvzbA