Chemical Biology Seminars
Week of Oct. 13, 2019

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events


Monday, October 14

- Ryland Young, Professor
  Dept. of Biochemistry and Biophysics and Dept. of Biology, Texas A&M University
  Phage Lysis: Do We Have the Hole story Now?
  12pm, 1-125 CCRB (MiCaB Seminar)

- Bryant Keller, Graduate Student (Advisor: David Largaespada)
  Dept. of Genetics, Cell Biology, and Development, University of Minnesota
  Stromal Re-Engineering for Treatment of Peripheral Nerve Sheath Tumors
  12:15pm, 2-137 Jackson Hall (GCD Student Seminar)

- Mark Schleiss, MD, Professor
  Dept. of Pediatrics/Center for Infectious Disease, University of Minnesota
  Use of Animal Models to Explore Interventions Aimed at Preventing Maternal-Fetal Cytomegalovirus Transmission
  1:15pm, 3-100 Mayo (IMV Seminar)

- Laura Segatori, Associate Professor
  Dept. of Chemical and Biomedical Engineering, Rice University
  TBA
  3:30pm, 2-101 NHH (BME Seminar)

Tuesday, October 15

- Abbie Begnaud, MD, Assistant Professor
  PACC, University of Minnesota
  Health Disparities in Lung Cancer
  9am, 1-125 CCRB (Masonic Cancer Center Series)

- Champak Chatterjee, Professor
  Dept. of Chemistry, University of Washington
  Chemical Approaches to Investigate Eukaryotic Gene Transcription
  9:45am, 331 Smith Hall (Chemistry Seminar)

- Sofia Moraes, Graduate Student (Advisor: Reuben Harris)
  Dept. of Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
  TBA
  12:20pm, 2-137 Jackson Hall (BMBB Student Seminar)

- Judee Sharon, Graduate Student (Advisor: Kate Adamala)
  Dept. of Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
  TBA
  12:20pm, 2-137 Jackson Hall (BMBB Student Seminar)

- Sabine Hossenfelder, Research Fellow
  Frankfurt Institute for Advanced Studies
  How Beauty Leads Physics Astray
  1:25pm, B-75 Amundson Hall (CEMS Seminar)

- Dmitri Nusinow, PhD, Assistant Member & Researcher
  Donald Danforth Plant Science Center
  Regulation of Light, Temperature, and Circadian Signaling by Nuclear Bodies in Arabidopsis
  3pm, 105 Cargill (PMB Seminar)
Yushuang Wei, Post-Doctoral Associate, Pang Lab
Dept. of Pharmaceutics, University of Minnesota
**Peptide Targeting for Cell Entry and Cargo Delivery**
3pm, 5-125 Moos Tower/ Duluth: 163 Life Sciences (Pharmaceutics Seminar)

Alessandra Eustaquio, Assistant Professor
Dept. of Medicinal Chemistry & Pharmacognosy, University of Illinois at Chicago
**Exploring Bacterial Genomes for Natural Product Discovery and Development**
3:30pm, 1-451 Moos Tower (Medicinal Chemistry Seminar)

**Wednesday, October 16**

Laura Hocum Stone, Research Associate
Dept. of Surgery, University of Minnesota
**Recovery of the Ischemic Heart: Using Stem Cells to Enhance Cardiac Function Following Bypass**
12pm, 1-125 CCRB (LHI Lecture Series)

Brendan Hasz, Graduate Student (Advisor: David Redish)
Dept. of Neuroscience, University of Minnesota
**Representation of Context and Prospection in HPC and dmPFC**
12pm, 2-101 NHH (GPN Colloquium Series)

Megan Monko, Graduate Student (Advisor: Sarah Heilbronner)
Dept. of Neuroscience, University of Minnesota
**The Posteromedial Cortex across Species**
12pm, 2-101 NHH (GPN Colloquium Series)

Richard Brundage, Professor and Mahmoud Al – Kofahi, Assistant Professor
Dept. of Experimental and Clinical Pharmacology, University of Minnesota
**Faculty Research Presentations**
12:20pm, 1-451 Moos Tower/ Duluth: 160 LSci (ECP Seminar)

Melissa Aikens, Assistant Professor
Dept. of Biological Sciences, University of New Hampshire
**Developing Biology Students’ Quantitative Skills by Enhancing their Motivation to Engage with Quantitative Tasks**
3pm, 5-125 Moos Tower (BTL Seminar)

Helen Dooley, Assistant Professor
Dept. of Microbiology and Immunology, University of Maryland
**TBA**
3pm, 125 AnSci (CVM Seminar)

Andrew Hector, Professor
Dept. of Plant Sciences, University of Oxford
**TBA**
3:30pm, 335 Borlaug (EEB Seminar)

Tim Wilson, Farm Education Manager
MN Landscape Arboretum
**Workforce Development at the Farm at the Arb**
3:30pm, 310 Alderman (Horticultural Science Seminar)

Jesse Berman, Assistant Professor
Division of Environmental Health Sciences, University of Minnesota
**Getting Hot Under the Collar: Does Air Pollution Exposure and Temperature Increase the Risk of Violent Behavior?**
3:30pm, 2-520 Moos Tower (Division of Biostatistics Seminar)

Ewy Mathé, Assistant Professor
Dept. of Biomedical Informatics, Ohio State University
**Robust Multi-Omics Integration Approaches for Discovery of Disease-Related Analyte Relationships**
4pm, 2-137 Jackson Hall (BMBB Seminar)

Joanne Kurtzberg, Professor
Dept. of Pathology and Pediatrics, Duke University School of Medicine
**Novel Cellular Therapies Derived from Cord Blood Monocytes**
4pm, 1-110 MTRF (Stem Cell Institute Seminar)

**Thursday, October 17**

Douglas Mitchell, Professor
Dept. of Chemistry, University of Illinois at Urbana – Champaign
**Big Data Genomics for Discovery of New Molecules and Enzyme Chemistry**
9:45am, 331 Smith Hall (Chemistry Seminar)
Jared Hennen, Graduate Student (Mueller Lab)  
Dept. of Biophysics, University of Minnesota  
**Protein Mobility and Local Volume Fluctuations Identify Membrane Binding of Proteins within the Sub-resolution Structure of the Nuclear Envelope**  
10:10am, 120 PAN (Biophysics Seminar)

Mike Walters, Research Associate Professor and Director  
Dept. of Medicinal Chemistry and Institute for Therapeutics Discovery & Development, University of Minnesota  
**ITDD Core Competencies: From Assay Development to Clinical Trial API**  
11:15am, 4-204 MTRF (CODR Seminar)

Dr. Jason Kim, Professor  
Program in Molecular Medicine, University of Massachusetts Medical School  
**Role of Inflammation in Type 2 Diabetes**  
12pm, 1-125 CCRB (IBP Seminar)

Julia Nikrad, Graduate Student (Advisor: David Largaespada)  
Dept. of Microbiology, Immunology, and Cancer Biology, University of Minnesota  
**Developing Novel Therapies for NF1-Deficient Peripheral Nerve Sheath Tumors**  
12pm, 1-110 LRBI MTRF (MICaB Student Seminar)

Marie Gilbertson, Graduate Student (Advisor: Meggan Craft)  
Dept. of Veterinary Medicine, University of Minnesota  
**Pitfalls and Trade-Offs with Telemetry – Derived Contact Networks of Wildlife**  
12pm, Location TBA (CVM Seminar)

Anna Munsey, Graduate Student  
College of Veterinary Medicine, University of Minnesota  
**Phylogeography and Predictors of Mobility of Foot-And-Mouth Disease Virus in East Africa**  
12pm, Location TBA (CVM Seminar)

Ian MacFarlane, Assistant Professor  
Dept. of Psychology, Elizabethtown College  
**TBA**  
12:15, 2-101 NHH (GCD Seminar)

Aaron Kerlin, Assistant Professor  
Dept. of Neuroscience, University of Minnesota  
**TBA**  
1pm, 319 Akerman Hall (Neuroengineering Seminar)

Vibha Kalra, Associate Professor  
Dept. of Chemical and Biological Engineering, Drexel University  
**Electrospun Nanofiber-Based Cathodes for Lithium-Sulfur Batteries**  
1:25pm, B-75 Amundson Hall (CEMS Seminar)

**Friday, October 18**

Xuewu Zhang, Associate Professor  
Dept. of Pharmacology and Biophysics, University of Texas Southwestern Medical Center  
**Cryo-EM Analyses of Signaling Mechanisms of STING in Innate Immunity**  
10:05am, 2-137 Jackson Hall (Pharmacology Seminar)

Janette Dill, Associate Professor  
Division of Health Policy & Management, University of Minnesota  
**Is Health Care the New Manufacturing: Industry, Gender, and “Good Jobs” for Low – and Middle – Skill Workers**  
11:45am, D199 Mayo (HPM Seminar)

Chaochih Liu, Graduate Student (Peter Morrell Lab)  
Dept. of Agronomy and Plant Genetics, University of Minnesota  
**TBA**  
12pm, 257 BioSci (PMB Seminar)