Chemical Biology Seminars
Week of Feb. 11, 2018

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events

• Now-April 2018, “To Really See: Exploring the Medication Taking Experience”, A Traveling Art Exhibition held at Cargill Hall, St. Luke’s Hospital, and Bio-Medical Library, For more information contact Jes Reyes at jreyes@resource-mn.org or (612)752-8282.

• February 23, Rare Disease Day 2018: “Gene Therapy for Rare Diseases: Promise and Challenges,” 11 a.m. to 1:30 p.m., Graduate Hotel Minneapolis. Co-sponsored by the Center for Orphan Drug Research and the Stem Cell Institute. RSVP at https://docs.google.com/forms/d/e/1FAIpQLSeCAf6KOBCFHcylhswKGSaygx79zcD6OT_bA2EphQneNXKwXA/viewform


• March 8, “Research Integrity and Trustworthy Science: Challenges & Solutions”, 8:30am-1:00pm, Coffman Theater, University of Minnesota.

• May 15, “2018 Institute for Molecular Virology Annual Symposium”, 8:30am-4:00pm, Weisman Art Museum, University of Minnesota.

Monday, February 12

Maureen Su, MD, Associate Professor
Dept. Microbiology and Immunology, University of North Carolina School of Medicine, Chapel Hill
Aire Expands: Central Tolerance in Autoimmunity and Cancer
12:00pm, 1-125 CCRB (MICaB Seminar)

Dustin Maly, Professor
Dept. Chemistry, University of Washington
Allosteric Modulation of Protein Kinases with Small Molecule Inhibitors
12:15pm, 2-620 Moos Tower (CBI Seminar)

Bora Faulkner, Graduate Student
Dept. Genetics and Cellular Biology, University of Minnesota
Determining the Role of Histone Deacetylase 4 (HDAC4) in Osteoclasts
12:15pm, 2-137 Jackson Hall (GCD Seminar)

Kathryn Miller-Jensen, Associate Professor
Depts. Biomedical Engineering, Molecular, Cellular & Developmental Biology, Yale University
Exploring Regulation of HIV Latency with Single-cell Systems Biology
3:35pm, 2-101 Nils Hasselmo Hall (BME Seminar)

Tuesday, February 13

David Masopust, Professor
Dept. Microbiology, Immunology and Cancer Biology, University of Minnesota
Repurposing Antiviral Immunity to Fight Tumors
9:00am, 1-125 CCRB (MCC Seminar)
Kevin J. Kubarych, Professor
Dept. Chemistry & Biophysics, University of Michigan
Slippery When Wet: Ultrafast Hydration Dynamics of Biointerfaces and Aqueous Polymers
9:45am, 331 Smith Hall (Chemistry Seminar)

Sarah Namugenyi, Graduate Student
Dept. Microbiology, Immunology, and Cancer Biology, University of Minnesota
Using Tn-seq to Identify Mycobacterium Tuberculosis Counter-immune Mechanisms
12:00pm, 1-101 MRF (IIRC Seminar)

Lev Ostrer, Graduate Student
Dept. Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
TBA
12:20pm, 2-137 Jackson Hall (BMBB Seminar)

Kweku Konadu Amponsah-Efah, Graduate Student
Dept. Pharmaceutics, University of Minnesota
Effects of Plasticizers on the Molecular Mobility of Amorphous Pharmaceuticals
3:00pm, 5-125 Moos Tower (Pharmaceutics Seminar)

Garrett Schey, Graduate Student
Dept. Chemistry, University of Minnesota
Disrupting Glycosomal Import: A Novel Drug Target for the Treatment of Trypanosomias
3:30pm, 1-451 Moos Tower (Medicinal Chemistry Seminar)

Daniel Koenig, Assistant Professor
Dept. Genetics, University of California, Riverside
TBA
3:30pm, 105 Cargill (PMB Seminar)

Tonya White, MD, Associate Professor
Dept. Child and Adolescent Psychiatry, Erasmus University Rotterdam, Netherlands
Pediatric Population-based Neuroimaging and Autism Spectrum Disorder: A View Over the Full Spectrum
4:00pm, Room 330, 717 Delaware St. (CNBD Seminar)

Wednesday, February 14

Faqian Li, MD, Professor
Dept. Laboratory Medicine & Pathology, University of Minnesota
TBA
12:00pm, 1-125 CCRB (LHI Seminar)

Sherwood Casjens, Professor
Dept. Pathology, University of Utah
Shelley N. Grimes Memorial Innovations in Virus Research
12:15pm, 5-125 Moos Tower (IMV Seminar)

Irene Vuu, Graduate Student
Dept. Experimental and Clinical Pharmacology, University of Minnesota
Intravenous Lacosamide and PR interval changes in Critically-Ill Patients
12:20pm, 1-451 Moos Tower (ECP Seminar)

Richard Nho, Assistant Professor
Div. Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Minnesota
Novel Approaches to Target Idiopathic Pulmonary Fibrosis Fibroblasts
3:00pm, Animal Science/Veterinary Medicine Building (Vet Med Seminar)
Christopher Faulk, Assistant Professor  
Dept. Animal Science, University of Minnesota  
*TBA*  
3:30pm, 335 Borlaug Hall (EEB Seminar)

Carmen Birchmeier, Professor  
Dept. Neuroscience, Max-Delbruck-Center for Molecular Medicine, Berlin-Buch, Germany  
*Oscillatory Expression of Notch Signalling Components and MyoD Determine the Muscle Stem Cell Fate*  
4:00pm, 1-110 MTRF (SCI Seminar)

Juan Carlos Rivera-Mulia, Postdoctoral Fellow  
Dept. Biological Science, Florida State University  
*DNA Replication Timing Alterations in Progeroid Diseases*  
4:00pm, 2-137 Jackson Hall (Molecular Biology Faculty Candidate Seminar)

**Thursday, February 15**

Arthi Jayaraman, Professor  
Dept. Chemical & Biomolecular Engineering, University of Delaware  
*Molecular Simulation Studies of Thermoresponsive Polymers for Design of Biomaterials*  
9:45am, 331 Smith Hall (Chemistry Seminar)

Irene Vuu, Graduate Student  
Dept. Experimental and Clinical Pharmacology, University of Minnesota  
*Pharmacokinetic Modeling and Simulations of Intravenous Antiseizure Drugs*  
11:15am, 4-204 MTRF (CODR Seminar)

Xianda Zhao & Robin Lee, Graduate Student  
Dept. Microbiology, Immunology and Cancer Biology, University of Minnesota  
*Roles of MicroRNA-424-5p/322-5p in Regulating Colorectal Cancer Immunity & STAT5 in B cell Acute Lymphoblastic Leukemia*  
12:00pm, 2-102 CMRR (MICaB Seminar)

Michael Smanski, Assistant Professor  
Dept. Biochemistry, Molecular Biology, and Biophysics, University of Minnesota  
*Engineering Species-Like Barriers to Sexual Reproduction*  
12:15pm, 2-137 Jackson Hall (GCD Seminar)

Theodore Darkow, Senior Associate Director  
Boehringer Ingelheim  
*Cost, Value, and Affordability in the Modern Health Care System*  
3:30pm, 7-193/195 Weaver-Densford Hall (SAPh Seminar)

**Friday, February 16**

Natalie Schwehr, HSRP&A PhD Student  
Div. Health Policy & Management, University of Minnesota  
*Informing Medication Discontinuation Decisions Among Adults with Relapsing-Remitting Multiple Sclerosis (RRMS)*  
11:30am, 3-125 Mayo Memorial Building (HPM Seminar)