Chemical Biology Seminars
Week of Jan. 26, 2020

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

Sponsored by: Department of Medicinal Chemistry

Upcoming Events


- **March 19, 2020**, “Computational Neuroscience Retreat”, UMN Alumni Center


- **May 4, 2020**, “5th Annual Wallin Neuromodulation Discovery Day”, Memorial Hall, McNamara Alumni Center, University of Minnesota

- **May 13, 2020**, “Institute for Molecular Virology Annual Symposium”, Great Hall, Coffman Memorial Union, University of Minnesota


- **September 17-18, 2020**, “Wisc-e-sota – The Collaborative UMN-UW Virology Training Grant Symposium”, Radisson Hotel, La Crosse, WI

**Monday, February 3**

**William Giardino**, Instructor
Dept. of Psychiatry & Behavioral Sciences, Stanford University School of Medicine

*Extended Amygdala Neuropeptide Circuit Mechanisms Driving Arousal and Addiction*
12pm, 1-110 MTRF (MDT Seminar)

**Sylvain Moineau**, Professor
Dept. of Biochemistry, Microbiology, and Bioinformatics, Université Laval

*Phages and CRISPR-Cas Systems: The Ongoing Battle*
12pm, 1-125 CCRB (MiCaB Seminar Series)

**Nathan Springer**, McKnight Presidential Endowed Professor
Dept. of Plant and Microbial Biology, University of Minnesota

*Understanding Sources of Variation in Dynamics CropGenomes*
3:30pm, 306 Borlaug (APS Seminar)

**Spence Szczensny**, Assistant Professor
Dept. of Biomedical Engineering and Dept. of Orthopaedics & Rehabilitation, Penn State University

*TBA*
3:30pm, 2-101 NHH (BME Seminar)

**Anne Eaton**, Graduate Student (Advisor: Jim Neaton)
University of Minnesota

*Non-Parametric Estimation in an Illness-Death Model with Component-Wise Censoring*
3:30pm, 2-520 Moos Tower (Division of Biostatistics Seminar)

**David Largaespada**, Professor and Associate Director
Dept. of Pediatrics, University of Minnesota and Basic Sciences Masonic Cancer Center

*Cancer Genetics*
6pm, 2-650 Moos Tower (IEM Seminar)

**Carole Lange**, Professor
Depts. Of Medicine and Pharmacology, University of Minnesota

*When Good Cells Go Bad*
6pm, 2-650 Moos Tower (IEM Seminar)

**Tuesday, February 4**

**Dana Carroll**, Assistant Professor
Division of Environmental Health Sciences, University of Minnesota

*Community – Based Participatory Research to Reduce Commercial Tobacco Use among American Indians*
9am, 1-125 CCRB (Masonic Cancer Center Seminar)
Giulia Galli, Professor
Dept. of Chemistry, University of Chicago
Light-Activated Matter: From Energy to Quantum Information Science
9:45am, 331 Smith Hall (Chemistry Etter Memorial Lecture)

Shanley Roach, Graduate Student (Advisor: Ryan Langlois)
Dept. of Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
TBA
12:20pm, 2-137 Jackson Hall (BMBB Seminar)

Joel Updyke, Graduate Student (Panyam & Siegel Labs)
Dept. of Pharmaceutics, University of Minnesota
Paclitaxel-Loaded Hydrogel Microspheres for Transcatheter Arterial Chemoembolization
3pm, 5-125 Moos Tower/ Duluth: 160 Life Sciences (Pharmaceutics Seminar)

Zekun Shao, Graduate Student (Panyam Lab)
Dept. of Pharmaceutics, University of Minnesota
Engineering the Fc Portion of Antibody
3pm, 5-125 Moos Tower/ Duluth: 160 Life Sciences (Pharmaceutics Seminar)

Tian Lan, Graduate Student (Advisor: Courtney Aldrich)
Dept. of Medicinal Chemistry, University of Minnesota
Sulfur (VI)-Fluoride Exchange (SuFEx): Principles and Applications in Medicinal Chemistry
3:30pm, 1-451 Moos Tower (Medicinal Chemistry Seminar)

Susan Taylor, Professor
Dept. of Chemistry and Biochemistry, University of California – San Diego
Lessons Learned from PKA: from PKA to Parkinson’s Disease
4pm, 2-530 Moos Tower (BMBB Seminar)

Wednesday, February 5

Mariah Wu, Graduate Student (Advisor: Stanley Thayer)
Dept. of Neuroscience, University of Minnesota
HIV Tat Selectively Impairs CB1 Receptor – Mediated Presynaptic Inhibition at Excitatory but not Inhibitory Synapses
12pm, 2-101 NHH (GPN Colloquium Series)

Alex Doyle, Graduate Student (Advisor: Matthew Johnson)
Dept. of Neuroscience, University of Minnesota
Changes in Gait with the Onset of Parkinsonism in a Freely-Moving Non-Human Primate
12pm, 2-101 NHH (GPN Colloquium Series)

Paul Iaizzo, Professor
Dept. of Surgery, University of Minnesota
The Visible Heart® Project and the Atlas of Human Cardiac Anatomy
12pm, 1-125 CCRB (LHI Lecture Series)

Ian Stone & Arad Moghadasi
Presentation of Human DNA-PK Activates a STING-Independent DNA Sensing Pathway and
Pan-Viral Protection Against Arboviruses by Activating Skin Macrophages at the Inoculation Site
12pm, 18-211 Moos Tower (IMV Journal Club)

Charul Avachat, Graduate Student (Angela Birnbaum Lab)
Dept. of Experimental and Clinical Pharmacology, University of Minnesota
Pharmacokinetics of Cannabidiol and Tetrahydrocannabinol
12:20pm, 1-451 Moos Tower (ECP Seminar)

Jeffrey Boatman, Postdoctoral Associate
Division of Biostatistics, University of Minnesota
One Out of Many: Combining Data Sources for Causal Inference
3:30pm, 2-690 Moos Tower (Division of Biostatistics Seminar)

Gretchen Hansen, Assistant Professor
Dept. of Fisheries, Wildlife and Conservation Biology, University of Minnesota
TBA
3:30pm, 335 Borlaug (EEB Seminar)

Paul Robbins, Professor
Dept. of Biochemistry, Molecular Biology, and Biophysics, University of Minnesota
Stem Cells, Extracellular Vesicles and Aging
4pm, 1-110 MTRF (Stem Cell Institute Seminar)

Kyle Costa, Assistant Professor
Dept. of Plant and Microbial Biology, University of Minnesota
Metabolic Versatility in Methanogenic Archaea
4pm, 2-137 Jackson Hall (BMBB Seminar)
Thursday, February 6

Elizabeth Jarvo, Professor
Dept. of Chemistry, University of California – Irvine
**Nickel-Catalyzed Stereospecific Cross-Coupling and Cross-Electrophile Coupling Reactions**
9:45am, 331 Smith Hall (Chemistry Dow Lecture Series)

Sudhakar Prasad, Visiting Research Professor
School of Physics and Astronomy, University of Minnesota
**Some Innovations in 3D Superresolution Imaging with Biophysical Applications**
11:15am, 120 PAN (Biophysics Seminar)

Siddhee Sahasrabudhe, Graduate Student (Kartha Lab)
Dept. of Experimental and Clinical Pharmacology, University of Minnesota
**Measuring What Matters to Patients: Patient Centered Outcome Measures in Clinical Trials**
11:15am, 4-204 MTRF (CODR Seminar)

Christopher Fang-Yen, Associate Professor
Dept. of Bioengineering and Neuroscience, University of Pennsylvania
**Optical Dissection of Rhythmic Behaviors in a Worm**
12pm, 3-125 Mayo (NSCI Seminar)

Tania Rozario, Assistant Scientist
Morgridge Institute for Research
**Making Heads or Tails of Tapeworms: Region – Specific Regulation of Stem Cell-Driven Regeneration in Hymenolepis Diminuta**
12:15pm, 2-101 NHH (GCD Seminar)

Friday, February 7

Matt Ploenzke, Graduate Student
Dept. of Biostatistics, Harvard University
**Redefining Pharmacogenomic Cell Sensitivity: A Case Study with the PharmacoMixtuR Package**
10am, 5-125 Moos Tower (Division of Biostatistics Seminar)

Subbaya Subramanian, Associate Professor
Dept. of Surgery, University of Minnesota
**Exosome – Based Novel Treatment in Colorectal Cancer**
2pm, 2-520 Moos Tower (Precision Medicine Seminar Series)