

Spring 2018

# Molecular Life Sciences Seminar Series

Seminars are at 4:00 p.m. in 170 Davis Heart & Lung Research Institute, 473 W. 12<sup>th</sup> Ave., unless noted

**January 16, 2018**

*Emily Rosenthal-Kim*

The Ohio State University Technology, Entrepreneurship, and Commercialization Institute

**Professional development: Entrepreneurship**

Host: Jane Jackman, jackman.14@osu.edu

**January 23, 2018**

*Kelly Monk*

Washington University, St. Louis

**Molecular mechanisms of glial cell development and myelin repair**

Host: Sharon Amacher, amacher.6@osu.edu

**January 30, 2018**

*Marcus Kronfrost*

University of Chicago

**Characterizing the link between mimicry and mate choice in *Heliconius* butterflies**

Host: Anna Dobritsa, dobritsa.1@osu.edu

**February 6, 2018**

*Doug Black*

**Programs and regulatory mechanisms of alternative pre-mRNA splicing in neurons**

University of California, Los Angeles

Host: Anita Hopper, hopper.64@osu.edu

**February 13, 2018**

TBD

**February 20, 2018**

*Brian Fox*

University of Wisconsin

**In-crystal reaction cycle of a toluene-bound diiron hydroxylase**

Host Hannah Shafaat, shafaat.1@chemistry.osu.edu

**February 27, 2018**

*Lynne Regan*

Yale University

**Understanding natural proteins and designing useful new ones**

Host: Tom Magliery, magliery.1@osu.edu

**March 6, 2018**

*Elizabeth Grayhack*

University of Rochester

**Fits and starts in the translation of the genetic code**

Host: Jane Jackman, jackman.14@osu.edu

**March 13, 2018**

No Seminar (Spring Break)

**March 20, 2018**

*Daniel Zilberman*

University of California, Berkeley

**Epigenetic inheritance of DNA methylation patterns**

Host: Keith Slotkin, slotkin.@osu.edu

**March 27, 2018**

*Zhong-Yin Zhang*

Purdue University

**Biochemical Basis and Therapeutic Targeting of Oncogenic Tyrosine Phosphatases**

Host: Zucui Suo, suo.3@osu.edu

**April 3, 2018**

*Karen Anderson*

Yale University

**From In Silico Hit to Late-Stage Preclinical Candidate to Combat HIV Infection**

Host: Zucui Suo, suo.3@osu.edu

**April 10, 2018**

*Peter Espenshade*

Johns Hopkins University

**Regulation of Lipid Homeostasis by Sterol Regulatory Element-binding Proteins in Cancer**

Host: Deliang Guo, Deliang.Guo@osumc.edu

**April 17, 2018**

*David Bartel*

Massachusetts Institute of Technology

**MicroRNAs and Other Regulatory RNAs**

Host: Kotaro Nakanishi, nakanishi.9@chemistry.ohio-state.edu

The MLS Seminar Series is the joint seminar of OSBP and MCDB. Travel arrangements for MLS seminar are by Franci Brink (osbp@osu.edu, 614 292-1463) and Lauren Pasquale (pasquale.19@osu.edu, 614 292-2804). Schedules are coordinated by the host. Contact the chair of the MLS Seminar Committee, Harold Fisk (fisk.@osu.edu), with speaker suggestions and policy questions