

Spring 2020

# 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 14, 2020**

**Nancy Ratner**

University of Cincinnati Children's Hospital  
*Nervous System Tumorigenesis Requires Tumor Initiation and then Inflammation*  
Host: Gunjan Agarwal, Gunjan.Agarwal@osumc.edu

**January 21, 2020**

**Sean Crosson**

Michigan State University  
*Bacterial adaptation to shifting environments*  
Host: Michael Ibba and Irina Artsimovitch, libba.1@osu.edu; artsimovitch.1@osu.edu

**January 28, 2020**

**Navdeep Chandel**

Northwestern University  
*Mitochondria as signaling organelles controlling physiology and disease*  
Host: MCDB Students, mestres- buckeyemail.osu.edu@buckeyemail.osu.edu (chair, MCDB student seminar committee)

**February 4, 2020**

**Isabelle Deschenes**

The Ohio State University  
*The Cardiac Sodium Channel: Lessons Learned from Bedside to Bench*  
Host: Anthony Brown, brown.2302@osu.edu

**February 11, 2020**

**Ruma Banerjee**

U. Michigan  
*Targeting immune metabolism with radical chemistry*  
Host: Yizhou Dong, dong.525@osu.edu

**February 18, 2020**

TBD

**February 25, 2020**

**Natasha Calpen**

NCI  
*Expanding the functional and actionable genome: Insights from a fusion driven cancer*  
Host: Amanda Hummon, hummon.1@osu.edu

**March 3, 2020**

**Shiv Grewal**

National Cancer Institute  
*Heterochromatin inheritance and epigenetic control of the genome*  
Host: MCDB Students, mestres-villanueva.1@buckeyemail.osu.edu (chair, MCDB student seminar committee)

**March 10, 2020**

Spring break, no seminar

**March 17, 2020—Rescheduled for November 10, 2020**

**Harvey Lodish**

MIT  
*Regulating proliferation and differentiation of hematopoietic progenitor cells: Development of novel therapies for anemias*  
Host: Kristine Yoder, Kristine.Yoder@osumc.edu

**March 24, 2020--Canceled**

**Debra Silver**

Duke  
*Dynamic post-transcriptional mechanisms governing brain development and disease*  
Host: Amrit Singh, singh.734@osu.edu

**March 31, 2020—Rescheduled for September 29, 2020**

**Gaudenz Danuser**

UT Southwestern  
*How cell shape shapes cancer cells*  
Host: Emmanuele Cocucci, cocucci.1@osu.edu

**April 7, 2020—Canceled**

**Vincent Pecoraro**

U. Michigan  
*De Novo Metalloprotein Design: From Hydrolytic to Redox Reactions*  
Host: Jenna M. Greve, greve.41@buckeyemail.osu.edu

**April 14, 2020—Canceled**

**Amy Gladfelter**

UNC  
**TBD**  
Host: Jian-Qiu Wu, wu.620@osu.edu

The MLS Seminar Series is the joint seminar of OSBP and MCDB. Travel arrangements for MLS seminar are by Franci Brink (614 292-1463) and Lauren Pasquale (614 292-2804), who can both be reached at [mlsseminar@osu.edu](mailto:mlsseminar@osu.edu). Schedules are coordinated by the host. Contact the chair of the MLS Seminar Committee, Harold Fisk ([fisk.13@osu.edu](mailto:fisk.13@osu.edu)), with speaker suggestions and policy questions