

Autumn 2016

Molecular Life Sciences Seminar Series

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

August 30, 2016

Stephen Ragsdale

University of Michigan

Nickel-based biocatalysis of CO, CO₂ and Methane

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

September 6, 2016

Dmitri Kudryashov

The Ohio State University

Finding "weak spots" for making "strong points" in host-pathogen combats

Host: Harold Fisk, fisk.13@osu.edu

September 13, 2016

Dong Wang

University of California, San Diego

Molecular mechanism of Pol II transcriptional fidelity control and DNA modification recognition

Host: Irina Artsimovitch, artsimovitch.1@osu.edu

September 20, 2016

Ryan Wilhelm

The Ohio State University CCSC

Career Development: CVs for Postdocs and Academia

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

September 27, 2016

Bryan Tsou

Sloan Kettering Memorial Cancer Center

Function and housekeeping of the vertebrate centrosome-cilia complex

Host: Harold Fisk, fisk.13@osu.edu

October 4, 2016

Baoji Xu

The Scripps Research Institute, Florida

Neural basis for BDNF regulation of appetite and body weight

Host: Sung Ok Yoon, sung.yoon@osumc.edu

October 11, 2016

Shana Kelley

University of Toronto

Mitochondrial Chemical Biology: Elucidating the Secrets of the Powerhouse of the Cell

Hosts: Karin Musier Forsyth, musier-forsyth.1@osu.edu

October 18, 2016

Jin Billy Li

Stanford University

Functional and Regulatory Landscape of RNA Editing

Host: Juan Alfonzo, alfonzo.1@osu.edu

October 25, 2016

Benjamin Garcia

University of Pennsylvania

Quantitative Proteomics for Understanding Modified Proteins and Proteomes

Host: Miranda Gardner (Mike Freitas lab), gardner.207@osu.edu

November 1, 2016

David Sherman

University of Michigan/Life Sciences Institute

Probing Function and Structure of Biomolecular Machines involved in Assembly and Tailoring of Bioactive Natural Products

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

November 8, 2016

Ruben Gonzalez

Columbia University

The Structural Dynamics of Translation Initiation

Host: Kurt Fredrick, fredrick.5@osu.edu

November 15, 2016

Pengbo Zhou

Cornell University

CUL4A and CUL4B, Overlapping and Distinct Roles in Male Reproduction and Hematopoiesis

Host: Qi-En Wang and Atlatf Wani, wang.771@osu.edu

November 22, 2016

Karla Neugebauer

Yale University

Co-transcriptional splicing: full speed ahead!

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

November 29, 2016

Paul Schimmel

The Scripps Research Institute

Cytoplasmic, Extra-Cellular, and Nuclear Functions of a Human tRNA Synthetase

Host: Karin Musier-Forsyth, musier-forsyth.1@osu.edu

December 6, 2016

Yifan Cheng

University of California, San Francisco

Single particle cryo-EM of membrane proteins – a breakthrough in structural biology

Host: Dongping Zhong, dongping@physics.osu.edu

*IGP Graduation Celebration to follow immediately after, 5:00pm

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