

Autumn 2021

## Molecular Life Sciences Seminar Series

Seminars will be held in 170 Davis Heart & Lung Institute (DHLRI) this semester on Tuesdays from 4:00-5:00 p.m.

### September 7, 2021

**Nieng Yan**

Princeton University

*The molecular choreography of Cav/Nav channels – A mission impossible by today's AI*

Host: Tianmin Fu, [fu.978@osu.edu](mailto:fu.978@osu.edu)

### September 14, 2021

**Sarah Slavoff**

Yale University

*Dark matter of the human genome*

Host: Michael Kearse,

[Michael.kearse@osumc.edu](mailto:Michael.kearse@osumc.edu)

### September 28, 2021

**Chuan He**

*The trypanosome pre-mRNA splicing machinery and its potential Achilles heel, the cyclin-dependent kinase CRK9*

Host: OSBP Students, Chathuri Pathirage,

[pathirage.1@osu.edu](mailto:pathirage.1@osu.edu)

### October 5, 2021

**Arthur Burghes**

The Ohio State University

*Spinal Muscular Atrophy (SMA): development of effective therapies bench-to bedside and what is next*

Host: Tony Brown, [brown.2303@osu.edu](mailto:brown.2303@osu.edu)

### October 12, 2021

**Avery August**

Cornell University

*Kinase turntablism: Tuning T cell responses*

Host: MCDB Students, Emily Franz, [franz.147@osu.edu](mailto:franz.147@osu.edu)

### October 19, 2021

**Christopher Lima**

Sloan Kettering

*Targeting RNA for destruction*

Host: OSBP Students, Chathuri Pathirage,

[pathirage.1@osu.edu](mailto:pathirage.1@osu.edu)

### October 26, 2021

**Tianmin Fu**

The Ohio State University

*A model of lysosomal pH regulation*

Host: Chuck Bell, [bell.489@osu.edu](mailto:bell.489@osu.edu)

### November 2, 2021

**Geraldine Seydoux**

Johns Hopkins

*RNA granules: Physics meets Biology*

Host: Wen Tang, [tang.542@osu.edu](mailto:tang.542@osu.edu)

### November 9, 2021

**Jeremy Luban**

University of Massachusetts

*Deja cu all over again: glycoprotein variants in Ebola virus and SARS-CoV-2*

Host: Amit Sharma, [sharma.157@osu.edu](mailto:sharma.157@osu.edu)

### November 16, 2021

**Marlene Belfort**

SUNY Albany

*Three Parallel Paths: Introns, Inteins and Journey of a Mother in Science*

Host: David Wood, [wood.750@osu.edu](mailto:wood.750@osu.edu)

### November 30, 2021

**George Shaw**

University of Pennsylvania

*Recapitulation of HIV-1 Env-Ab Co-evolution in Rhesus*

*Macques Leading to Neutralization*

Host: Shan-Lu Liu, [liu.6244@osu.edu](mailto:liu.6244@osu.edu)

### December 7, 2021

**Jeremy Wilusz**

University of Pennsylvania

*Harnessing endonucleases to control gene outputs*

Host: OSBP Students, Brian Scarpitti, [scarpitti.21@osu.edu](mailto:scarpitti.21@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, [misseminar@osu.edu](mailto:misseminar@osu.edu)). Schedules are coordinated by the host. Contact the chair of the MLS Seminar Committee, Amrit Singh ([singh.734@osu.edu](mailto:singh.734@osu.edu)), with speaker suggestions and policy questions