

## Department of Biochemistry and Biophysics 2025 Fall Seminar Series

*Seminars to be held in-person in K-307 (3-6408) on select Wednesdays at 2 pm unless otherwise noted. Please see emailed seminar announcements for confirmation of room numbers. Details are also available on the Department webpage: <https://www.urmc.rochester.edu/biochemistry-biophysics/events.aspx>*

### August 15

\*FRIDAY\*

#### **\*SPECIAL SUMMER SEMINAR\***

**Xiang-Dong Fu, PhD**, Chair Professor in RNA Biology and Regenerative Medicine, Westlake University, Hangzhou, China

“Dynamic U2AF cycling defines two phases of co-transcriptional splicing”

Hosts: Drs. Lynne Maquat & Yi-Tao Yu (co-sponsored by the RNA Structure & Function Cluster)

### September 24

**Nicholas Ingolia, PhD**, Professor, Department of Molecular and Cell Biology, University of California, Berkeley, CA

“Global Analysis of the Networks Regulating mRNA Translation and Decay”

Host: Dr. Dmitri Ermolenko (co-sponsored by the Protein Synthesis Cluster and the RNA Structure & Function Cluster)

### October 1

**Dylan Taatjes, PhD**, Professor, Department of Biochemistry, University of Colorado, Boulder, CO

“Mechanistic Insights for Human Gene Expression Through Biochemical Reconstitution and Transcriptomics”

Host: Dr. Eric Wagner (co-sponsored by the RNA Society & Lexogen)



### October 8

**Ryan Flynn, MD, PhD**, Assistant Professor, Boston Children's Hospital and Harvard Department of Stem Cell and Regenerative Biology, Harvard Stem Cell Institute, Cambridge, MA

Talk Title

Host: Dr. Paul Boutz (co-sponsored by the RNA Society & Lexogen)



### October 15

**Britt A. Glaunsinger, PhD**, HHMI Investigator; Professor and Chair, Department of Plant & Microbial Biology, University of California, Berkeley, CA

“Herpesviruses Induce Transcriptional Trickery to Control RNA Abundance and Fate”

Host: Dr. Mitch O'Connell (co-sponsored by Graduates Working in Science (GWIS) and the RNA Society & Lexogen)

### October 22

**TBD**

### October 29

**Laura Bohn, PhD**, Chair and Professor of the Department of Molecular Medicine; Professor, Dembling Endowment Fund for Drug Discovery and Human Health Research; Professor, Neuroscience; Chair, Institutional Animal Care and Use Committee (IACUC), The Herbert Wertheim UF Scripps Institute for Biomedical Innovation & Technology, University of Florida, Jupiter, FL

“Modulating Opioid Receptor Activity to Improve Therapeutic Potential”

Host: Dr. Makaia Papasergi-Scott

### November 5

**TBD**

### November 12

**Xinnian Dong, PhD**, HHMI investigator; Arts & Sciences Professor of Biology, Department of Biology, Duke University, Durham, NC

“Searching for Messages Carried by Messenger RNAs”

Hosts: Dr. Dmitri Ermolenko and Dr. Peng Yao (co-sponsored by the Protein Synthesis Cluster and the RNA Structure & Function Cluster)

### November 19

**Wendy Gilbert, PhD**, Maxine F. Singer '57 Ph.D. Professor of Molecular Biophysics and Biochemistry, Yale University, New Haven, CT

“Decoding the Untranslated”

Host: Dr. Lynne Maquat (co-sponsored by Graduates Working in Science (GWIS), the Protein Synthesis Cluster, and the RNA Society & Lexogen)



### December 3

**Liang Tong, PhD**, William R. Kenan, Jr. Professor, Department of Biological Sciences, Columbia University, New York, NY

“Molecular Insights into Human RNA 3'-end Processing”

Hosts: Dr. Clara Kielkopf and Dr. Eric Wagner (co-sponsored by the RNA Structure & Function Cluster)

### December 10

**Monica Pillon, PhD**, Assistant Professor, Department of Structural Biology, Jacobs School of Medicine and Biomedical Sciences, University at Buffalo, Buffalo, NY

“Eukaryotic Ribonucleases in Gene Regulation”

Hosts: Dr. Mitch O'Connell and Dr. Makaia Papasergi-Scott (co-sponsored by Graduates Working in Science (GWIS) and the RNA Structure & Function Cluster)