

University of Rochester

Department of Biochemistry & Biophysics 2019 Fall Seminar Series

Seminars will be held on Wednesdays at 2:00 p.m. in K-307 (3-6408) or otherwise noted.

- September 11 **Tracy Johnson, Ph.D.**, Professor, Department of Molecular, Cell and Developmental Biology, UCLA, Los Angeles, CA; Cecilia and Keith Terasaki Endowed Chair in the Life Sciences; Howard Hughes Medical Institute Professor
“RNA Splicing, Chromatin Modification, and the Coordinated Control of Gene Expression”
Hosts: T32 Training Graduate Students and Dr. Lynne Maquat (Co-sponsored by the NIH T32 Training Grant in Cellular, Biochemical and Molecular Sciences, Dr. Lynne Maquat, PI and by Graduate Women in Science)
- September 18 **Dmitri Ermolenko, Ph.D.**, Associate Professor, Department of Biochemistry and Biophysics University of Rochester, Rochester, NY
“Making Ends Meet: New Roles of mRNA Secondary Structure in Translation”
Host: Dr. Dave Mathews
- September 25 **Tatiana Kutateladze, Ph.D.**, Professor, Department of Pharmacology, University of Colorado Anschutz Medical Campus, Aurora, CO
“Molecular Mechanisms of Epigenetic Regulation”
Host: Dr. Jeff Hayes
- October 2 **Weifeng Gu, Ph.D.**, Assistant Professor, Department of Molecular, Cell and Systems Biology, UC Riverside, Riverside, CA
“Small RNAs Play Diverse Roles in Virus-host Interactions”
Host: Dr. Eric Phizicky (co-sponsored by the RNA Structure and Function Cluster)
- October 7 **Eric J. Sundberg, Ph.D.**, Professor and Chair, Department of Biochemistry, Emory University School of Medicine, Atlanta, GA
Please note
This is a MONDAY “Enzymatic Manipulation of IgG Fc Glycans - Harnessing Effector Functions for the Next Generation of Immunotherapeutic Antibodies”
Host: Dr. Jeffrey Hayes
- October 9 **Mary O'Connell, Ph.D.**, ERA Chair, Professor, Department of Molecular Medicine, CEITEC, Masaryk University, Brno, Czech Republic
“Elucidating the Biological Roles of ADARs, the RNA Editing Enzymes”
Hosts: Dr. Yi-Tao Yu and Dr. Eric Phizicky (co-sponsored by RNA Structure and Function Cluster)
- October 16 **Cedric Feschotte, Ph.D.**, Professor, Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY
“Transposable Elements as Catalysts of Cellular Innovation”
Hosts: Dr. Lynne Maquat and Dr. Amanda Larracuenta (co-sponsored by the RNA Structure and Function Cluster)
- October 23 **Mariano A. Garcia-Blanco, M.D., Ph.D.**, Professor and Chair, Department of Biochemistry and Molecular Biology; Mildred H Vacek and John R Vacek Distinguished Chair in Honor of President Truman G. Blocker, Jr., University of Texas Medical Branch, Galveston TX; Professor, Department of Emerging Infectious Diseases, Duke-NUS Medical School, Singapore
“The Love-Hate Relationship between RNA Viruses and Their Hosts”
Hosts: T32 Training Graduate Student, Isreal Moreno and Dr. Lynne Maquat (Co-sponsored by the NIH T32 Training Grant in Cellular, Biochemical and Molecular Sciences, Dr. Lynne Maquat, PI)
- October 30 **Richard I. Gregory, Ph.D.**, Professor, Department of Biological Chemistry and Molecular Pharmacology, and Department of Pediatrics, Harvard Medical School; Co-Director, HMS Initiative for RNA Medicine, Harvard Stem Cell Institute, The Stem Cell Program at Boston Children's Hospital, Boston, MA
“RNA Modifications in Gene Regulation and Disease”
Hosts: T32 Training Graduate Student, Monika Tasak and Dr. Lynne Maquat (Co-sponsored by the NIH T32 Training Grant in Cellular, Biochemical and Molecular Sciences, Dr. Lynne Maquat, PI)
- November 6 **Eric Greene, Ph.D.**, Professor, Department of Biochemistry and Molecular Biophysics, Columbia University, New York, NY
“Single Molecule Studies of Homologous DNA Recombination”
Host: Dr. Dmitri Ermolenko
- November 13 **Katrin Karbstein, Ph.D.**, Associate Professor, Scripps Research Institute; HHMI Faculty Scholar, Jupiter, FL
“Quality Control in 40S Ribosome Maturation”
Hosts: Dr. Lynne Maquat and Dr. Dmitri Ermolenko (co-sponsored by Graduate Women in Science)
- November 20 **Susan L. Ackerman, Ph.D.**, Investigator, Howard Hughes Medical Institute; Steven W. Kuffler Chair, Department of Biology; Professor, Department of Cell and Molecular Medicine, UC San Diego Medical School, La Jolla, CA
“Translation Dysfunction in Neurological Diseases”
Host: Dr. Eric Phizicky (co-sponsored by Graduate Women in Science)
- December 4 **Elizabeth Kellogg, Ph.D.**, Assistant Professor, Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY
“CryoEM Structure of the P Element Transposase Strand Transfer Complex”
Host: Dr. Mitch O'Connell