

CMB/Genetics Training Programs – Fall 2019 Short Course

“Messing with the Messenger: The Role of RNA Modification in Biology”

Seminars are open to the university community

Tuesday, October 8, 2019

“The Epitranscriptome”

Introductory Lecture, Dr. Mats Ljungman, Ph.D.

Professor of Radiation Oncology and Environmental Health Sciences (University of Michigan)

Seminar: 3:00 p.m., Med Sci I M3330

Thursday, October 24, 2019

“C. elegans ADARs Antagonize Silencing of Cellular dsRNAs by the Antiviral RNAi Pathway”

Dr. Brenda Bass, Ph.D.

Distinguished Professor of Biochemistry (University of Utah)

CMB Student Host: Ameya Jalihal

Seminar: 3:00 p.m., Med Sci I, Room M3330

Discussion: 4:00 p.m., Med Sci II, Room 2813 (Registered Students)

Tuesday, October 29, 2019

“Detecting m6A and Its Role in RNA Regulation”

Dr. Kate Meyer, Ph.D.

Assistant Professor of Biochemistry (Duke University School of Medicine)

CMB Student Host: Sumin Kim

Seminar: 3:00 p.m., Med Sci I, Room M3330

Discussion: 4:00 p.m., Med Sci II, Room 2813 (Registered Students)

Thursday, November 7, 2019

“Generation of Plasticity in the Cephalopod Brain by Editing mRNA”

Dr. Joshua Rosenthal, Ph.D.

Senior Scientist, The Eugene Bell Center, Marine Biological Laboratory (University of Chicago)

CMB Student Host: Brian McGrath

Seminar: 3:00 p.m., Med Sci I, Room M3330

Discussion: 4:00 p.m., Med Sci II, Room 2813 (Registered Students)

Thursday, November 14, 2019

“m6A at the Virus-Host Interface”

Dr. Stacy Horner, Ph.D.

Assistant Professor of Molecular Genetics & Microbiology (Duke University School of Medicine)

CMB Student Host: Maria Virgilio

Seminar: 3:00 p.m., Med Sci I, Room M3330

Discussion: 4:00 p.m., Med Sci II, Room 2813 (Registered Students)

*This lecture series can be registered for as CMB 630 or through Human Genetics – contact Molly Martin (mollymu) for course permission. Registration is not required to attend seminars.

Please direct to a student host any questions or requests to meet with a speaker.

Student organizers/hosts: Brian McGrath (btmcg), Sumin Kim (suminkim),

Maria Virgilio (mcvirgil), and Ameya Jalihal (ameyapj)

Faculty coordinator: Dr. Mats Ljungman