“As the Ribonucleotide Turns: How Cells Exert Control, Ride Out Genomic Instability, and Gain Immunity”

Genetics Training Program / CMB Short Course
Winter 2024

Lyle Simmons, Ph.D.
Professor
Molecular, Cellular, and Developmental Biology
University of Michigan

Introductory Lecture:
“Genome Instability Caused by Persistent RNA-DNA Hybrid Formation”

Francesca Storici, Ph.D.
Professor and Associate Chair for Graduate Education
School of Biological Sciences
Georgia Institute of Technology

“RNA's Transformative Impact: Shaping DNA Metabolism in the Genome”

Hai Dang Nguyen, Ph.D.
Assistant Professor
Department of Pharmacology
University of Minnesota

“Understanding and Targeting R-Loop Response Pathways in Cancers”

Nicholas Ingolia, Ph.D.
Associate Professor
Department of Molecular and Cell Biology
University of California, Berkeley

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

Wendy V. Gilbert, Ph.D.
Professor of Molecular Biophysics and Biochemistry
School of Medicine
Yale University

“Decoding the Untranslated to Engineer Next-Generation mRNA Medicines”

January 30th (Tues)
3:00 PM
Med Sci 2 – West Lecture Hall

February 20th (Tues)
3:00 PM
Med Sci 2 – West Lecture Hall

March 19th (Tues)
3:00 PM
Med Sci 2 – West Lecture Hall

April 2nd (Tues)
3:00 PM
Med Sci 1 - 3330 Auditorium

April 9th (Tues)
3:00 PM
Med Sci 2 – West Lecture Hall

Public Lectures

For additional information, contact Ashley Andreae (smash@umich.edu).