

“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”**

January 30th (Tues)

3:00 PM

**Med Sci 2 –
West Lecture Hall**

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”**

February 20th (Tues)

3:00 PM

**Med Sci 2 –
West Lecture Hall**

Hai Dang Nguyen, Ph.D.

Assistant Professor
Department of Pharmacology
University of Minnesota

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

March 19th (Tues)

3:00 PM

**Med Sci 2 –
West Lecture Hall**

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”**

April 2nd (Tues)

3:00 PM

**Med Sci 1 -
3330 Auditorium**

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”**

April 9th (Tues)

3:00 PM

**Med Sci 2 –
West Lecture Hall**

Public Lectures

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