



SPEAKING GENOMICS IN CLINICAL CARE

April 2, 2024



Icahn School of Medicine at Mount Sinai
Stern Auditorium

Annenberg Building, Mezzanine Level
1468 Madison Avenue
New York, NY 10029

Course Directors:

Michael F. Murray, MD

Professor of Medicine

Systems Chief, Division of Genomic Medicine

Clinical Director, Institute for Genomic Health

Eimear E. Kenny, PhD

Endowed Chair and Professor of Genomic Health

Director, Institute for Genomic Health

Director, Center for Translational Genomics

Director for Translational Research, Division of Genomic Medicine



*Institute for
Genomic Health*

Provided by
The Institute for Genomic Health
and Division of Genomic Medicine
Mount Sinai Health System



<https://mssm.cloud-cme.com/SpeakingGenomics>

General Information

As genomic medicine continues to scale and permeate routine clinical care, physicians need to deepen their knowledge of its applicability to patient care across specialties. In this innovative CME conference, expert faculty-led lectures, case-based learning, and panel discussions will cover topics ranging from cancer and cardiovascular genomics to direct-to-consumer genetic testing. Participants will gain knowledge of how genomic medicine is increasingly influencing decisions around patient care, from diagnostics to risk prediction.

Who Should Attend

Family Practice, General Practice, Genetics, Genomic Medicine, Internal Medicine, Multiple Specialties, Primary Care Physician

Credit Designation

The Icahn School of Medicine at Mount Sinai designates this live educational activity for a maximum of *7.0 AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Accreditation

The Icahn School of Medicine at Mount Sinai is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Registration Fees

<u>Mount Sinai Personnel</u>	Complimentary
<u>Non-Sinai:</u>	
Practicing Physicians	\$125.00
Physician Assistants, Nurse Practitioners, Allied Health Professionals	\$ 75.00
Residents/Fellows	\$ 25.00
Industry Personnel	\$150.00

Course Location

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New York, NY 10029

Verification of Attendance

Verification of attendance will be provided to all professionals.

Faculty Disclosure

It is the policy of Icahn School of Medicine at Mount Sinai (ISMMS) to ensure objectivity, balance, independence, transparency, and scientific rigor in all CME-accredited educational activities. All faculty participating in the planning or implementation of an activity accredited by ISMMS are expected to disclose all of their financial relationships with ineligible companies existing within the prior 24 months. Relevant financial relationships will be mitigated and disclosed to learners before the activity takes place. Presenters must also make a meaningful disclosure to the audience of their discussions of unlabeled or unapproved drugs or devices. This information will be available as part of the course materials.

Special Needs

The Icahn School of Medicine at Mount Sinai is in full compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations please contact the Page and William Black Post-Graduate School of Medicine at 212-731-7950.

Agenda

7:30 – 8:00 AM

Registration and Continental Breakfast

Morning Session (8:00 AM – 12:00 AM)

8:00 – 8:15

Welcome and Introduction

Michael Murray, MD and Eimear Kenny, PhD

8:15 – 8:45

Opening Remarks

Monica Kraft, MD

8:45 – 9:15

Mount Sinai Million Health Discovery Program: Accelerating Genomic Health Research

Girish Nadkarni, MD, MPH

9:15 – 9:25

*Introduction to Lightning Cases in Genomic Medicine

Michael Murray, MD and Emily Soper, MSc, CGC

9:25 – 9:50

*Pediatric Genomics: Pioneering Precision Medicine for Young Patients

Bruce Gelb, MD

9:50 – 10:20

Coffee Break

10:20 – 10:45

*From Genes to Behavior: Genomic Insights into Neuropsychiatric Disease

Thomas Lehner, PhD, MPH (New York Genome Center)

10:45 – 11:10

*Unraveling the Immune System: Genomics' Impact on Autoimmune Disease

David Beck, MD, PhD (New York University)

11:10 – 11:35

*Shaping the Future of Cancer Care: Innovating Personalized Health Approaches

Huma Rana, MD, MPH (Dana-Farber Cancer Institute)

11:35 – 12:00 PM

*Getting to the Heart of it: Genomics' Role in Cardiovascular Disease

Amy R. Kontorovich, MD, PhD

12:00 – 1:00

Lunch

Agenda

Afternoon Session (1:00 PM – 5:00 PM)

1:00 – 2:00 **Keynote Lecture – Genomics at the Frontline: Integrating Genomic Medicine into Primary Care**
Michael Murray, MD

2:00 – 2:30 **Fireside Chat: Patient Perspectives on Receiving Genomic Results**
Host: Emily Soper, MSc, CGC

2:30 – 3:00 **Coffee Break**

3:00 – 4:00 **Keynote Lecture – New Directions in Clinical Genomics**
Teri Manolio, MD, PhD (Director of the Division of Genome Medicine, National Human Genome Research Institute)

4:00 – 4:45 **Genomic Medicine: A 10-Year Horizon Scan**
Panelists: Teri Manolio, MD, PhD; Amy Kontorovich, MD, PhD; Manisha Balwani, MD; Emily Soper, MS; Noura Abul-Husn, MD, PhD; Huma Rana, MD; Bridget K. Marcellino, MD, PhD
Moderators: Michael Murray, MD and Eimear Kenny, PhD

4:45 – 5:00 **Closing Remarks**
Eimear Kenny, PhD and Michael Murray, MD

* "Lightning cases in genomic medicine" are six audience response exercises in patient management that will be incorporated into the morning session.

Faculty

GUEST FACULTY

Thomas Lehner, PhD, MPH

Scientific Director, Neuropsychiatric Disease Genomics
New York Genome Center

David Beck, MD, PhD

Assistant Professor, Department of Medicine
Assistant Professor, Department of Biochemistry and Molecular Pharmacology
Grossman School of Medicine
New York University

Teri Manolio, MD, PhD

Director, Division of Genome Medicine
Unit Head, Clinical Implementation Unit
National Human Genomic Research Institute

Huma Rana, MD, MPH

Assistant Professor of Medicine
Harvard Medical School
Clinical Director, Division of Cancer Genetics and Prevention
Dana-Farber Cancer Institute

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Bruce Gelb, MD

Professor of Pediatrics and Genetics and Genomic Sciences
Dean for Child Health Research and Gogel Family Chair and Director,
The Mindich Child Health and Development Institute
Director, Center for Molecular Cardiology

Amy R. Kontorovich, MD, PhD

Associate Professor of Medicine and Cardiology
Director, Center for Inherited Cardiovascular Diseases
Medical Director, Adult Cardiovascular Genetics
The Zena and Michael A. Wiener Cardiovascular Institute

Monica Kraft, MD

Murray M. Rosenberg Professor of Medicine
System Chair, Samuel Bronfman Department of Medicine

Girish Nadkarni, MD, MPH

The Irene and Dr. Arthur Fishberg Professor of Medicine
Director, The Charles Bronfman Institute of Personalized Medicine
System Chief, Division of Data-Driven and Digital Medicine (D3M)

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Eimear E. Kenny, PhD

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Director, Institute for Genomic Health
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Director for Translational Research, Division of Genomic Medicine

COURSE CO-DIRECTORS

Emily Soper, MSc, CGC

Instructor and Genetic Counselor
Institute for Genomic Health
Department of Medicine, Division of Genomic Medicine

Sabrina Suckiel, MS, CGC

Assistant Professor and Genetic Counselor
Institute for Genomic Health
Department of Medicine, Division of Genomic Medicine

PANELISTS

Manisha Balwani, MD, MS, FACMG

Professor and Chief
Division of Medical Genetics and Genomics
Department of Genetics and Genomic Sciences

Bridget K. Marcellino, MD, PhD

Assistant Professor of Medicine,
Division of Hematology and Medical Oncology