

# Hereditary Cancer Genetics

## Incorporation into Clinical Care

SEPTEMBER 27—28, 2024

IN-PERSON / VIRTUAL

Zuckerman Research Center  
New York City



Approval for Category 1 Continuing Education Units  
for Genetic Counselors pending



Memorial Sloan Kettering  
Cancer Center

# Overview

**This two-day conference provides professional training in clinical cancer genetics, hosted by one of the world's largest and most renowned cancer genetics centers.**

This year's comprehensive program features presentations and interactive panel discussions led by **distinguished experts specializing in disease-specific management**. Designed to provide a solid foundation in cancer genetics, this course explores the **implications of genetic testing for patient care** and showcases the **latest advancements in cancer genomics**.

Attendees will have ample opportunities to engage with the faculty during panels. Additionally, in-person attendees are invited to a **networking reception** on Friday evening.

## Featured topics of this year's program include:

- Predisposition, Prediction and Prevention: A Window on the Future of Pediatric Cancer
- Current Topics in Hereditary Breast, Gynecologic, Gastrointestinal and Genitourinary Cancers
- Hereditary Hematologic Malignancies and Rare Cancer Syndromes
- Therapeutic Implications and Utility of Paired Tumor/Normal Sequencing
- Comprehensive High Risk Cancer Surveillance and Management
- Novel Genetics Care Delivery Models in Oncology
- Delivery of Genetics Care to Historically Underrepresented Populations

Additionally, we're excited to announce this year's **Keynote Speaker** and **Combined Department of Medicine and Department of Pediatrics Grand Rounds Lecture**, featuring the **Niehaus, Southworth, Weissenbach Award and Visiting Professorship**.



**David Malkin, MD, FRCP(C)**

Senior Staff Oncologist,  
Division of Haematology/Oncology  
Director, Cancer Genetics Program  
Senior Scientist, Genetics and Genome Biology  
CIBC Children's Foundation Chair Child Health Research  
Hospital for Sick Children (SickKids)  
Toronto, Ontario, Canada

## EDUCATIONAL OBJECTIVES

At the conclusion of this program, attendees will be able to:

- Identify clinical features of hereditary cancer predisposition syndromes and facilitate interpretation of genetic test results
- Evaluate the recommended surveillance and risk reduction interventions for patients with hereditary cancer predisposition syndromes
- Enhance awareness of implications of germline genetic testing on therapeutic management of patients with cancer, including oncological and surgical interventions
- Apply the understanding of tumor profiling results to identify patients at risk for hereditary cancer syndromes

## TARGET AUDIENCE

The conference is intended for practicing medical oncologists, genetic counselors, advanced practice providers, nurses, and other health care providers who are interested in learning about the incorporation of genetic testing into patient care.

This conference offers participants the choice of attending either **in person or virtually**.

## REGISTRATION

**Discounted registration is available for specific groups.**

Access our Policy on Registration Discounts on the conference website for more information.

### Registration Rates

- Physicians (MDs, PhDs, & DOs): **\$300**
- Advanced Practice Providers & Genetic Counselors: **\$200**
- Nurses & Other Healthcare Providers: **\$150**
- Health Professional Students: **\$125**
- Industry Professionals\*: **\$525**
- MSK Employees: **Complimentary**

**For additional details and to register, visit:**

**[msk.org/HereditaryCancerGenetics](https://msk.org/HereditaryCancerGenetics)**

\*An “**industry professional**” is defined as any individual, regardless of their profession type (such as MDs, PhDs, APPs, RNs, etc.) that is employed by an ineligible company.

## MSK CONFERENCE DIRECTORS



### **Zsofia K. Stadler, MD**

Associate Attending;  
Clinical Director, Clinical Genetics Service  
Gastrointestinal Oncology Service  
Department of Medicine



### **Kenneth Offit, MD, MPH**

Chief, Clinical Genetics Service;  
Robert and Kate Niehaus Chair in Inherited  
Cancer Genomics;  
Vice Chair, Academic Affairs  
Department of Medicine



### **Kelsey Breen, MS, MSc, CGC**

Lead Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

## KEYNOTE SPEAKER

Combined Department of Medicine and Department of  
Pediatrics Grand Rounds Lecture

Niehaus, Southworth, Weissenbach Award and Visiting Professorship



### **David Malkin, MD, FRCP(C)**

Senior Staff Oncologist,  
Division of Haematology/Oncology;  
Director, Cancer Genetics Program;  
Senior Scientist, Genetics and Genome Biology;  
CIBC Children's Foundation Chair Child Health Research  
Hospital for Sick Children (SickKids)  
Toronto, Ontario, Canada

## MSK CONFERENCE FACULTY

### **Mohammad Ali A. Abbass, MD**

Assistant Attending  
Colorectal Service  
Department of Surgery

### **Anjali Aryamvally, MS, CGC**

Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

### **Lauren Banaszak, MD**

Instructor, Leukemia and  
Clinical Genetics Services  
Department of Medicine

### **Ozge Birsoy, PhD**

Associate Attending  
Diagnostic Molecular Pathology Service  
Department of Pathology and  
Laboratory Medicine

### **Maria Carlo, MD**

Assistant Attending;  
Lead, Inherited Genitourinary  
Cancer Genomics  
Genitourinary Oncology and  
Clinical Genetics Services  
Department of Medicine

### **Jonathan Coleman, MD**

Attending  
Urology Service  
Department of Surgery

### **Elise Fiala, MS, LCGC**

Senior Genetic Counselor  
Department of Medicine

### **Victoria Groner, MS, CGC**

Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

### **Jada G. Hamilton, PhD, MPH**

Associate Attending;  
Co-Director, Genomics, Risk and  
Health Decision Making Laboratory  
Clinical Genetics Service  
Department of Psychiatry and  
Behavioral Sciences

### **Megan Harlan, MS, CGC**

Manager, Clinical Genetics Service  
Department of Medicine

### **Nicolette Ioele, MS, LCGC**

Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

### **Sarah Kane, MS, LCGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

### **Jennifer Kennedy, MS, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

### **Alicia Latham, MD, MPH**

Assistant Attending;  
Director, MSK-CATCH  
General Internal Medicine and  
Clinical Genetics Services  
Department of Medicine

### **Ying Liu, MD, MPH**

Assistant Attending;  
Lead, Inherited GYN Cancers Program  
Gynecologic Medical Oncology and  
Clinical Genetics Services  
Department of Medicine

**Nikita Mehta, MS, CGC**

Senior Specialist, Genetic Analysis  
Department of Pathology and  
Laboratory Medicine

**Lisania Milli, MSN, NP**

Advanced Practice Provider;  
Director, MSK-CATCH  
Gynecology Service

**Jennifer Mueller, MD, FACOG**

Associate Attending;  
Head, Endometrial Cancer Section  
Gynecologic Oncology Service  
Department of Surgery

**Yonina Murciano-Goroff,  
MSc, DPhil, MD**

Assistant Attending  
Clinical Genetics Service  
Department of Medicine

**Anna F. Piotrowski, MD**

Assistant Attending;  
Director, Neurology Clerkships  
and Sub-Internship  
Brain Tumor Service  
Department of Neurology

**Megha Ranganathan, MS, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Mark E. Robson, MD**

Chief, Breast Medicine Service  
Department of Medicine

**Vineet Rolston, MD**

Assistant Attending,  
Gastroenterology, Hepatology and  
Nutrition Service  
Department of Medicine

**Margaret Sheehan, MS, CGC**

Lead Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Rania Sheikh, MS, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Magan Trotter, MS, MSc, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

Memorial Sloan Kettering Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. Any individuals in a position to control the content of a CE activity, including faculty, planners, reviewers, or others are required to disclose all financial relationships with ineligible companies (commercial interests). All relevant financial relationships have been mitigated prior to the commencement of the activity.

# Schedule

## Friday, September 27

7:00 AM In-person Attendee Breakfast and Registration

7:55 AM Virtual Attendee Zoom Sign-on

### Introduction and Keynote Address

8:00 AM **Welcome and Introductory Remarks**

Zsofia K. Stadler, MD  
Kenneth Offit, MD, MPH

8:10 AM **KEYNOTE ADDRESS**

Combined Department of Medicine and Department of Pediatrics  
Grand Rounds Lecture; Niehaus, Southworth, Weissenbach Award  
and Visiting Professorship



**Predisposition, Prediction and Prevention:  
A Window on the Future of Pediatric Cancer**

David Malkin, MD, FRCP(C)

8:50 AM **Q&A and Discussion**

### Introduction to Cancer Predisposition and Current Topics in Hereditary Breast Cancer

9:00 AM **Introduction to Syndromes of Cancer Predisposition**

Kenneth Offit, MD, MPH

9:20 AM **Emerging Models of Genetic Counseling in Oncology**

Megan Harlan, MS, CGC

9:30 AM **Hereditary Breast Cancers:  
Risk Management and Therapeutic Implications**

Mark E. Robson, MD

9:50 AM **Genetic Testing Models for Peri-Diagnostic Breast Cancer**

Rania Sheikh, MS, CGC

10:00 AM **Panel Discussion and Q&A**

10:15 AM Break

### Current Topics in Hereditary Gynecologic Cancers

10:30 AM **Hereditary Gynecologic Cancers:  
Risk Management and Therapeutic Implications**

Ying Liu, MD, MPH



10:50 AM **Surgical Management of Hereditary Gynecologic Cancers**  
Jennifer Mueller, MD, FACOG

11:10 AM **Panel Discussion and Q&A**

## Current Topics in Hereditary Genitourinary Cancers

11:25 AM **Hereditary Genitourinary Cancers:  
Risk Management and Therapeutic Implications**  
Maria Carlo, MD

11:45 AM **Surgical Management of Hereditary  
Genitourinary Cancers**  
Jonathan Coleman, MD

12:05 PM **Rare Genitourinary Predisposition Syndromes**  
Nicolette Ioele, MS, LCGC

12:15 PM **Panel Discussion and Q&A**

12:30 PM Lunch Break

## Current Topics in Hereditary Gastrointestinal Cancers

1:30 PM **Hereditary Gastrointestinal Cancers:  
Risk Management and Therapeutic Implications**  
Zsofia K. Stadler, MD

1:50 PM **Surgical Management of Hereditary Colorectal Cancer**  
Mohammad Ali A. Abbass, MD

2:10 PM **Pancreas Cancer Surveillance in High Risk Populations**  
Vineet Rolston, MD

2:30 PM **Gastrointestinal Cancer Case Studies**  
Megha Ranganathan, MS, CGC  
Sarah Kane, MS, LCGC

2:45 PM **Panel Discussion and Q&A**

3:00 PM Break

## Hereditary Hematologic Malignancies and Rare Cancer Syndromes

3:10 PM **Emerging Opportunities for Targeted Therapies in  
Rare Cancer Syndromes**  
Yonina Murciano-Goroff, MSc, DPhil, MD

3:30 PM **Understanding CDKN2A:  
Managing Melanoma and More**  
Kelsey Breen, MS, MSc, CGC • Elise Fiala, MS, LCGC

3:45 PM **Hereditary Hematologic Cancers**  
Lauren Banaszak, MD

4:05 PM **Pediatric Cancer:  
Genetic Counseling Considerations**  
Jennifer Kennedy, MS, CGC

4:20 PM **Panel Discussion and Q&A**

4:35 PM **Closing Remarks and Adjournment**  
Zsofia K. Stadler, MD

4:40 PM **NETWORKING RECEPTION** (LOBBY)  
We invite in-person attendees to a complimentary networking reception from 4:40—6:00 PM with hors d'oeuvres and refreshments.

## Saturday, September 28

7:45 AM In-person Attendee Breakfast

8:20 AM Virtual Attendee Zoom Sign-on

8:25 AM **Day 2 Welcome**  
Zsofia K. Stadler, MD

### Multidisciplinary Coordination of Care

8:30 AM **Comprehensive Management of Individuals at  
Risk for Multiple Cancers**  
Alicia Latham, MD, MPH

8:50 AM **Guiding Patients through Reproductive and Hormonal  
Considerations in Hereditary Predisposition Syndromes**  
Lisania Milli, MSN, NP

9:10 AM **Hereditary Nervous System Tumors:  
Diagnosis and Risk Management**  
Anna F. Piotrowski, MD

9:30 AM **Emerging Concepts for the Management of Transgender  
Individuals at Risk for Hereditary Cancer**  
Victoria Groner, MS, CGC

9:45 AM **Panel Discussion and Q&A**

10:00 AM Break

### Genomic Sequencing

10:15 AM **Germline Implications of Tumor and/or Paired Tumor/  
Normal Sequencing**  
Ozge Birsoy, PhD

10:35 AM **Impact of Paired Tumor/Normal Sequencing on Patient Care**  
Margaret Sheehan, MS, CGC

10:50 AM **Understanding the Complexity of Variant Interpretation**  
Nikita Mehta, MS, CGC

11:05 AM **Panel Discussion and Q&A**

## **Innovations in Genomic Testing**

11:20 AM **Psychosocial Considerations in the Adoption of Genomic Testing Innovations**  
Jada G. Hamilton, PhD, MPH

11:40 AM **New Approaches to Facilitate Cascade Testing for Cancer Susceptibility**  
Magan Trottier, MS, MSc, CGC

11:55 AM **Artificial Intelligence in Hereditary Cancer Care**  
Anjali Aryamvally, MS, CGC

12:10 PM **Panel Discussion and Q&A**

12:25 PM **Closing Remarks**  
Zsofia K. Stadler, MD

12:30 PM **Adjournment**



# Accreditation

Memorial Sloan Kettering Cancer Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

## AMA CREDIT DESIGNATION STATEMENT

Memorial Sloan Kettering Cancer Center designates this live activity for a maximum of **11.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## MOC/CC RECOGNITION STATEMENT

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to:

- 11.00 Medical Knowledge MOC Points in the American Board of Internal Medicine's Maintenance (**ABIM**) of Certification Assessment Recognition program; and
- 11.00 Accredited CME and Self-Assessment MOC points in the American Board of Surgery's (**ABS**) Continuous Certification program.

It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM or ABS MOC credit.

**An application for NCPD Contact Hours has been submitted.**

**Category 1 Continuing Education Units for Genetic Counselors are pending.**



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