

# HEREDITARY CANCER GENETICS

Incorporation into  
Clinical Care

September 17—18, 2026

Hybrid Conference (In-Person & Virtual)



Memorial Sloan Kettering  
Cancer Center

# Overview

**This two-day conference provides comprehensive professional training in clinical cancer genetics, hosted by Memorial Sloan Kettering Cancer Center (MSK) — one of the nation's largest cancer genetics centers.**

The program features expert faculty with specialized expertise in disease-specific management and offers opportunities for participants to engage directly with speakers through panel discussions and case-based presentations. The course is designed to establish a strong foundation in cancer genetics, examine the clinical implications of genetic testing for patient care, and highlight emerging advances in cancer genomics.

## Program Highlights



### **Niehaus, Southworth, Weissenbach Award Lecture**

**Professor Ros Eeles, FMedSci, PhD, FRCP, FRCR**

The Institute of Cancer Research  
London, UK



### **Niehaus Visiting Professor Lecture**

**Sharon A. Savage, MD**

National Cancer Institute / National Institutes of Health  
Bethesda, MD, USA

- » Current topics in hereditary breast, gynecologic, gastrointestinal, genitourinary, and pediatric cancers
- » Hereditary hematologic malignancies and rare cancer syndromes
- » Surveillance strategies and precision oncology
- » Advances and research in diagnosis, early detection, and cancer prevention strategies
- » Multidisciplinary panel discussions and case studies
- » Networking opportunities, including a reception on Friday evening

## Target Audience

This conference is intended for medical oncologists, genetic counselors, advanced practice providers, nurses, and other healthcare professionals seeking to incorporate cancer genetic testing into patient care. Participants may attend in person or virtually.

## Learning Objectives

- 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 concepts of germline variant analysis and tumor profiling to enhance clinical care of patients at risk for hereditary cancer syndromes
- Discuss novel advances and technologies to help improve the early detection of hereditary cancers

## Continuing Education Credit

AMA PRA Category 1 Credits™, ABIM MOC, ABS CC available. ANCC CNE contact hours and Category 1 CEUs for Genetic Counselors pending.

## Syllabus

Following the conference, participants will receive access to an online syllabus with recorded presentations and downloadable slide PDFs.

Learn more and register at:

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

## MSK Conference Directors



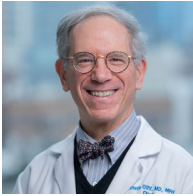
**Zsofia K. Stadler, MD**

Attending  
Gastrointestinal Oncology and Clinical Genetics Services  
Department of Medicine



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

Lead Genetic Counselor  
Clinical Genetics Service  
Department of Medicine



**Kenneth Offit, MD, MPH**

Chief Attending  
Clinical Genetics Service  
Department of Medicine



**Alicia Latham, MD, MS**

Assistant Attending  
Clinical Genetics Service  
Department of Medicine

## Keynote Speakers

**Professor Ros Eeles, FMedSci, PhD, FRCP, FRCR**

Professor of Oncogenetics  
Group Leader, Oncogenetics Team  
The Institute of Cancer Research  
Honorary Consultant in Clinical Oncology and Cancer Genetics  
The Royal Marsden NHS Foundation Trust  
London, UK

**Sharon A. Savage, MD**

Director, Clinical Genetics Branch  
Clinical Director, Division of Cancer Epidemiology and Genetics  
National Cancer Institute  
National Institutes of Health  
Bethesda, MD, USA

# MSK Faculty

**Mohammad Ali Abbass, MD, MPH**

Assistant Attending  
Colorectal Service  
Department of Surgery

**Kimberly A. Amoroso, MS, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Anjali Aryamvally, MS, CGC**

Senior 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  
Genitourinary Oncology and  
Clinical Genetics Services  
Department of Medicine

**Debyani Chakravarty, PhD**

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

**Kimberly N. Feigin, MD**

Chief Attending  
Radiology Breast Imaging Service  
Department of Radiology

**Elise Fiala, MS, CGC**

Senior Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Megan Harlan Fleischut, MS, CGC**

Senior Manager, Head Counselor  
Clinical Genetics Service  
Department of Medicine

**Jasmine H. Francis, MD**

Attending  
Ophthalmic Oncology Service  
Department of Surgery

**Hannah Gadasi, MS, CGC**

Genetic Counselor  
Clinical Genetics Service  
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**Chuan Gao, PhD**

Assistant Attending  
Department of Pathology and  
Laboratory Medicine

**Shari B. Goldfarb, MD**

Assistant Attending  
Breast Medicine Service  
Department of Medicine

**Benjamin Greenbaum, PhD**

Attending Member  
Department of Epidemiology-  
Biostatistics

**Victoria Groner, MS, MA, CGC**

Project Manager  
Clinical Genetics Service  
Department of Medicine

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

Associate Attending  
Department of Psychiatry and  
Behavioral Sciences

# MSK Faculty

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**Sarah R. Kane, MS, LCGC**

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Department of Medicine

**Jennifer Kennedy, MS, CGC**

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**Kara C. Long, MD, MSc, FACOG**

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**Diana Mandelker, MD, PhD**

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Director, Diagnostic Molecular Genetics  
Laboratory

**Andrew Marderstein, PhD**

Senior Computational Biologist

**Nikita Mehta, MS, CGC**

Senior Specialist, Genetic Analysis  
Department of Pathology and  
Laboratory Medicine

**Juliet Milani, MS, CGC**

Genetic Counselor  
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**Yonina R. Murciano-Goroff,  
MD, MSc, MS, DPhil**

Assistant Attending,  
Early Drug Development Service  
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**Giulia Ongaro, PhD**

Research Fellow  
Genomics, Risk, and Health Decision-  
Making Laboratory

**Anna F. Piotrowski, MD**

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**Megha Ranganathan, MS, CGC**

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**Mark E. Robson, MD**

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**Vineet Syan Rolston, MD**

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Nutrition Service  
Department of Medicine

**Anthony Rossi, MD**

Assistant Attending  
Dermatology Service  
Department of Medicine

# MSK Faculty

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**Margaret Sheehan, MS, CGC**

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**Robert Sidlow, MD, MBA**

Attending  
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Department of Medicine

**Anna Strang, MS, CGC**

Senior Genetic Counselor  
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Department of Medicine

**Vivian E. Strong, MD, FACS**

Attending  
Gastric and Mixed Tumor Service  
Department of Surgery

**Hong Truong, MD, MS**

Assistant Attending  
Urology Service  
Department of Surgery

**Eva Vailionis, MS, LCGC**

Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Cara Waterson, MS, CGC**

Genetic Counselor  
Clinical Genetics Service  
Department of Medicine

**Mitigation of Relevant Financial Relationships**

Memorial Sloan Kettering Cancer Center adheres to the ACCME's Standards for Integrity and Independence in Accredited Continuing Education. All relevant financial relationships are mitigated prior to the commencement of the activity.

# Agenda

Please note that all times listed are Eastern Daylight Time (EDT).

## Thursday, September 17, 2026

TIME	SESSION / FACULTY
9:30 a.m.	Onsite Breakfast and Check-In
9:55 a.m.	Virtual Attendee Login
10:00 a.m.	<b>Welcome and Introduction</b> Zsofia K. Stadler, MD Kelsey Breen, MS, MSc, CGC Alicia Latham, MD, MS
<b>Clinical Cancer Genetics: An Introduction and Overview</b>	
10:10 a.m.	<b>From Adenine to Zygoty: An Introduction to Hereditary Cancer Genetics</b> Kenneth Offit, MD, MPH
10:25 a.m.	<b>How Genetic Counseling is Reshaping Cancer Care</b> Megan Harlan Fleischut, MS, CGC Margaret Sheehan, MS, CGC
<b>Genomic Technologies and Knowledgebase Integration</b>	
10:40 a.m.	<b>Utilization of Expanded Sequencing for Actionable Cancer Insights</b> Diana Mandelker, MD, PhD
10:55 a.m.	<b>The Normal in the Tumor: Best Practices for Interpreting Germline Alterations in Cancer</b> Ozge Birsoy, PhD
11:10 a.m.	<b>Improving Diagnostic Rates Through Mosaic Variant Detection: Looking Through the Layers</b> Chuan Gao, PhD
11:25 a.m.	<b>Call the Curator! Utilizing Your Variant Curation Team for Result Interpretation</b> Nikita Mehta, MS, CGC
11:35 a.m.	<b>Empowering Clinicians to Navigate Precision Oncology Knowledgebases</b> Debyani Chakravarty, PhD
11:50 a.m.	<b>Panel Discussion and Q&amp;A</b>
12:05 p.m.	Lunch Break

## What's New in GU? Hereditary Renal and Prostate Cancers

### Niehaus, Southworth, Weissenbach Award Lecture

12:50 p.m.

#### **Introduction**

Kenneth Offit, MD, MPH

1:00 p.m.



#### **Genetic Predisposition to Prostate Cancer and Applications to Clinical Management**

Professor Ros Eeles, FMedSci, PhD, FRCP, FRCR

2:00 p.m.

#### **Hereditary Genitourinary Cancers: From Early Detection to Targeted Intervention**

Maria Carlo, MD

2:20 p.m.

#### **Timing and Tactics in Hereditary Genitourinary Oncology Surgery: Precision Interventions for Better Outcomes**

Hong Truong, MD, MS

2:40 p.m.

#### **Case in Point**

#### **Hereditary Cancer Genitourinary Edition**

Nicolette Ioele, MS, LCGC

Eva Vailionis, MS, LCGC

2:55 p.m.

#### **Panel Discussion and Q&A**

3:10 p.m.

Break

## Multi-Modality Management of Hereditary Breast and Gynecologic Cancers

3:25 p.m.

#### **Hereditary Breast and Gynecologic Cancers: From Early Detection to Targeted Intervention**

Ying Liu, MD, MPH

3:45 p.m.

#### **Clarity in the Details: Understanding Breast Imaging Modalities**

Kimberly N. Feigin, MD

4:00 p.m.

#### **Individualized Surgical Intervention for Hereditary Gynecologic Cancers**

Kara C. Long, MD, MSc, FACOG

4:20 p.m.

#### **Hormonal and Reproductive Health: What You and Your At-Risk Patients Need to Know**

Shari B. Goldfarb, MD

4:40 p.m.

#### **Case in Point**

#### **Hereditary Cancer Breast and Gynecologic Edition**

Kimberly A. Amoroso, MS, CGC

Rania Sheikh, MS, CGC

Juliet Milani, MS, CGC

4:55 p.m.

#### **Panel Discussion and Q&A**

5:10 p.m.


#### **Closing Remarks**

# Friday, September 18, 2026

TIME	SESSION / FACULTY
7:30 a.m.	Onsite Breakfast and Check-In
7:55 a.m.	Virtual Attendee Login
8:00 a.m.	<b>Welcome and Introduction</b> Zsofia K. Stadler, MD

## Evolving Landscape of Pediatric and Hematologic Cancer Syndromes

### Niehaus Visiting Professor Lecture

8:05 a.m.  Sharon A. Savage, MD

9:00 a.m. **Recognizing Hereditary Hematologic Syndromes in the Cancer Clinic: Updates in Diagnosis and Management**  
Lauren Banaszak, MD

9:20 a.m. **Case in Point**  
**Hereditary Cancer Hematologic Edition**  
Elise Fiala, MS, CGC

9:30 a.m. **Panel Discussion and Q&A**

9:45 a.m. Break

## Medical and Surgical Approaches to Hereditary Gastrointestinal Cancers

10:00 a.m. **Hereditary Gastrointestinal Cancers: From Early Detection to Targeted Intervention**  
Zsofia K. Stadler, MD

10:15 a.m. **Surgical Strategies in Gastric Oncology: How, When, and Where to Intervene**  
Vivian E. Strong, MD, FACS

10:30 a.m. **From Risk Mitigation to Malignancy: Utilizing Surgical Intervention for Hereditary Colorectal Cancers and Polyposis**  
Mohammad Ali Abbass, MD, MPH

10:45 a.m. **Pancreatic Surveillance in High-Risk Cohorts: Current Standards and Future Directions**  
Vineet Syan Rolston, MD

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11:00 a.m. **Case in Point**  
**Hereditary Cancer Gastrointestinal Edition**  
Megha Ranganathan, MS, CGC  
Sarah R. Kane, MS, LCGC

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11:10 a.m. **Panel Discussion and Q&A**

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11:25 a.m. Lunch Break

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## Risk Stratified and Tailored Surveillance

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12:20 p.m. **Pan-Syndrome Surveillance: Risk Stratified Approaches**  
Chimene Kesserwan, MD

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12:35 p.m. **Case in Point**  
**Hereditary Cancer Pediatric Edition**  
Jennifer Kennedy, MS, CGC

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12:45 p.m. **Addressing Residual Risk:  
Lifestyle and Metabolic Interventions for  
Hereditary Cancer Prevention**  
Robert Sidlow, MD, MBA

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1:00 p.m. **Factors Associated with Patient Engagement in  
MSK-CATCH: A Hereditary Cancer Surveillance Program**  
Anna Strang, MS, CGC  
Kelsey Breen, MS, MSc, CGC

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1:10 p.m. **Panel Discussion and Q&A**

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## Beyond the Usual Suspects: A Spotlight on Other Hereditary Cancer Syndromes

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1:25 p.m. **Innovations in Dermatologic Cancer Detection**  
Anthony Rossi, MD

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1:40 p.m. **Inherited Predispositions in Neuro-Oncology:  
What to Sequence and What to Scan**  
Anna F. Piotrowski, MD

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1:55 p.m. **Shedding Light on Ocular Oncology:  
Diagnosis and Management of Hereditary  
Predisposition Syndromes**  
Jasmine H. Francis, MD

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2:10 p.m. **Case in Point**  
**Hereditary Cancer Rare Syndrome Edition**  
Hannah Gadasi, MS, CGC  
Cara Waterson, MS, CGC

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2:20 p.m. **Panel Discussion and Q&A**

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2:35 p.m. Break

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## Research Advances in Precision and Prevention

- 2:50 p.m. **Beyond the Blood: Exploring Tumor-Proximal cfDNA Sampling for Early Cancer Detection**  
Alicia Latham, MD, MS
- 
- 3:10 p.m. **Biological Rationale and Emerging Strategies for Oncologic Vaccine Development**  
Benjamin Greenbaum, PhD
- 
- 3:30 p.m. **Germline-Directed Therapeutics, Interception, and Prevention for Hereditary Cancer Syndromes**  
Yonina R. Murciano-Goroff, MD, MSc, MS, DPhil
- 
- 3:50 p.m. **Polygenic Risk Scores and the Future of Cancer Susceptibility Assessment**  
Andrew Marderstein, PhD
- 
- 4:05 p.m. **Panel Discussion and Q&A**
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## Access and AI: The Future of Hereditary Cancer Genetics

- 4:20 p.m. **Bridging the Access Gap in Genomic Cancer Care**  
Jada G. Hamilton, PhD, MPH
- 
- 4:35 p.m. **Digital Support for Test Result Interpretation and Variant Education**  
Victoria Groner, MS, MA, CGC
- 
- 4:45 p.m. **Practical Ways to Use Large Language Models in Cancer Care**  
Mark E. Robson, MD
- 
- 5:00 p.m. **The Application of AI in Surgical Decision-Making**  
Giulia Ongaro, PhD  
Anjali Aryamvally, MS, CGC
- 
- 5:10 p.m. **Panel Discussion and Q&A**
- 
- 5:25 p.m. **Closing Remarks**  
Zsofia K. Stadler, MD  
Kelsey Breen, MS, MSc, CGC  
Alicia Latham, MD, MS
- 

- 5:30—  
6:30 p.m. **Networking Reception**  
Onsite participants are invited to attend a complimentary networking reception in the lobby, where hors d'oeuvres and refreshments will be served.

# Registration

## Registration Fees

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

Discounted registration is available for select groups.

For full details and registration, visit:

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

## Onsite Participation

Continental breakfast, lunch, and refreshment breaks will be provided for onsite participants. If you have dietary restrictions or require accommodations to attend in person, please contact [cme@mskcc.org](mailto:cme@mskcc.org) at least one week before the event.



## Location

Zuckerman Research Center  
417 East 68th Street  
New York, NY

For travel and parking information, visit the conference website.

## Virtual Participation

The virtual portion of this program will be delivered via Zoom. Access instructions and login details will be provided to registered virtual attendees prior to the event.

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

\*\*MSK employees receive complimentary registration for all CME programs by signing in with MSK credentials (SSO).

# Robert and Kate Niehaus Center for Inherited Cancer Genomics

The **Robert and Kate Niehaus Center for Inherited Cancer Genomics at Memorial Sloan Kettering Cancer Center (MSK)** is dedicated to discovering the inherited causes of cancer. The Center's ultimate goal is to advance precision cancer prevention, enable earlier detection, and develop more targeted treatment strategies.

Researchers at the Niehaus Center leverage genomic sequencing and functional genomics approaches to identify new pathways associated with inherited cancer risk. This work integrates genomic data and technologies from MSK's **Marie-Josée and Henry R. Kravis Center for Molecular Oncology** with family history, clinical information, additional DNA sequencing, and functional genomic studies conducted in a dedicated research laboratory.

MSK is a recognized leader in the application of next-generation sequencing technologies to cancer research and patient care. The **MSK-IMPACT™** test analyzes tumors for alterations in more than 400 cancer-associated genes, helping physicians identify therapies that may be most effective for individual patients.

Building on this foundation, the Niehaus Center focuses on uncovering inherited genetic changes present from birth, particularly in families with unexplained cancer predisposition. The Center advances and expands upon MSK's longstanding contributions to understanding inherited susceptibility to breast, ovarian, prostate, and colorectal cancers, as well as lymphoma and childhood leukemia.



Memorial Sloan Kettering  
Cancer Center

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