

Cancer Genomics Consortium, 17th Annual Meeting

August 1-5, 2026

The Royal Sonesta Houston Galleria, Houston, Texas

*All session times are in US Central Daylight Time.
Sessionn are subject to change.*

SATURDAY, AUGUST 1, 2026

In-Person Unconference

*Unconference participation incurs an additional registration fee.
[Click here](#) for more information about the Unconference.*

1:00 PM – 6:00 PM **Unconference Session #1**

SUNDAY, AUGUST 2, 2026

In-Person Unconference

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[Click here](#) for more information about the Unconference.*

8:00 AM – 12:00 PM **Unconference Session #2**

Opening of the 17th Annual Cancer Genomics Consortium

- 1:00 – 1:05 PM** **Welcome**
Cate Paschal, *Seattle Children’s Hospital, WA*
- 1:05 – 1:15 PM** **Presidential Address**
Fady Mikhail, *University of Alabama at Birmingham, AL*
- 1:15 – 2:15 PM** **Keynote Presentation**
Gigi Lozano, *University of Texas MD Anderson Cancer Center, TX*
- 2:15 – 3:15 PM** **Invited Session 1: TED-Style Session: Expanding Access and Representation in Genomic Research**
Moderator: Cinthya Zepeda Mendoza, *Mayo Clinic, MN*

Speakers:

Debra Murray, *Baylor College of Medicine, TX*
Deborah Ritter, *Baylor College of Medicine, TX*

3:15 – 3:45 PM

Coffee Break
Science Café Presentations

3:45 – 4:00 PM

Platinum Exhibitor Showcase
(No CME or CEUs available)

4:00 – 4:15 PM

Platinum Exhibitor Showcase
(No CME or CEUs available)

4:15 – 4:45 PM

CGC Updates and Business Meeting
Fady Mikhail, *University of Alabama at Birmingham, AL*
(No CME or CEUs available)

4:45 – 5:00 PM

Award Presentations

5:00 – 6:00 PM

Platform Session 1: Tech and Trainee Awardee Abstracts
Diagnostic testing for multiple myeloma in the era of precision medicine
Prasad Kopparapu, *Indiana University School of Medicine, IN*

Pairing molecular technologies with conventional cytogenetics to clarify atypical translocation t(8;21) patterns in AML
April Suarez, *Fred Hutch Cancer Center, WA*

Single-cell, single-nuclei, and spatial transcriptomics reveals signature-specific microenvironments in hepatoblastoma
Abhishek Murti, *University of California, San Francisco, CA*

High-resolution multi-omic LINE-1 retrotransposon activity and structural variation in non-small cell lung cancer
Yingshan Wang, *Texas A&M Institute of Biosciences and Technology, TX*

6:00 – 8:00 PM

Welcome Reception
CGC Exhibit Hall, Legends Ballroom

MONDAY, AUGUST 3, 2026

8:00 – 9:00 AM

Case Studies
Cytogenetic analysis reveals underlying therapy-related myeloid neoplasm
Celeste Eno, *Cedars-Sinai Medical Center, CA*

Comprehensive molecular characterization of isolated tetrasomy 13 in acute myeloid leukemia: A case report
Dibyendu Dutta, *State University of New York Upstate Medical University, NY*

Comprehensive characterization of a complex multiple myeloma genome
Nesrin Hasan, *University Hospitals, OH*

Only the hits: Assessment for 'double hit' lymphoma using Hi-C sequencing

Phillip Michaels, *Brigham and Women's Hospital, MA*

9:00 – 10:00 AM

Invited Session 2: Harmonizing Cancer Variant Interpretation: New and Updated Standards for Clinical Practice

Moderator: Gordana Raca, *Cincinnati Children's Hospital Medical Center, OH*

Speakers:

Marilyn Li, *Children's Hospital of Philadelphia, University of Pennsylvania, Perelman School of Medicine, PA*

Fady Mikhail, *University of Alabama at Birmingham, AL*

Karen Tsuchiya, *Nationwide Children's Hospital, OH*

10:00 – 10:45 AM

**Coffee Break with Exhibitors
Science Café Presentations**

10:45 AM – 12:00 PM

Platform Session 2: Solid Tumors and Cancer Predisposition

Advances in cancer genomics landscape: Final report from the CGC Central Nervous System (CNS) Tumors Taskforce

Madina Sukhanova, *Northwestern University Feinberg School of Medicine, IL*

Chromothripsis and distinct copy number alteration patterns across histology and staging in wilms tumor

Ashan Dayananda, *Nationwide Children's Hospital, OH*

AVIL as a therapeutic target in GBM: Insights into cell death mechanisms

Adelaide Fierti Amanor Sackey, *University of Virginia, VA*

Cancer predisposition variants in mRNA processing genes in a pediatric pineoblastoma cohort

Ying-Chen Hou, *Nationwide Children's Hospital, OH*

Evidence-based gene curation from the ClinGen Childhood, Adolescent and Young Adult Cancer Predisposition GCEP

Pamela Ajuyah, *Broad Institute of Massachusetts Institute of Technology and Harvard University, MA*

12:00 – 1:15 PM

Buffet Lunch and Networking
Exhibit Hall and Foyer

1:15 – 1:45 PM

Diamond Exhibitor Showcase
(No CME or CEUs available)

1:45 – 2:00 PM

CCGA Updates

Jennelle Hodge, *Indiana University, IN*

Katie Schieffer, *Nationwide Children's Hospital, OH*

2:00 – 2:15 PM

VICC Updates

Alex Wagner, *Nationwide Children's Hospital and The Ohio State University, OH*

2:15 – 3:15 PM

Keynote Presentation

Philip Lupo, *Emory University, GA*

- 3:15 – 4:00 PM** **Coffee Break with Exhibitors**
Science Café Presentations
- 4:00 – 5:00 PM** **Invited Session 3: Adapting Variant Interpretation Frameworks in Community Settings**
Moderator: Madina Sukhanova, *Northwestern Feinberg School of Medicine, IL*
- Speakers:**
Wesley Goar, *Nationwide Children's Hospital, OH*
Jason Saliba, *Washington University School of Medicine, MO*
Alex Wagner, *Nationwide Children's Hospital and The Ohio State University, OH*
- 5:00 – 5:45 PM** **Poster Session (Odd Numbered Posters), Cash Bar**
CGC Exhibit Hall
- 5:45 – 6:30 PM** **Poster Session (Even Numbered Posters), Cash Bar**
CGC Exhibit Hall
- 6:30 – 8:00 PM** **Early Career Social**
For attendees in training or recently out of training
**Pre-registration is required. Please sign-up during meeting registration.*

TUESDAY, AUGUST 4, 2026

- 8:00 – 9:00 AM** **Case Studies**
- Determining the constitutional origin of a ring chromosome 21 in an acute myeloid leukemia patient and her sibling donor**
Rebecca Smith, *Vanderbilt University Medical Center, TN*
- Unique case of a mosaic 5q deletion in an individual with multiple colon polyps**
Ankita Jhuraney, *University of Washington, WA*
- Dynamic mosaic copy number gains identified by concurrent exome sequencing and microarray testing in a neonate**
Avinash Dharmadhikari, *Children's Hospital Los Angeles, CA*
- Sibling donor-derived hematopoietic cells confounding chromosomal microarray interpretation in a meningioma case**
Jinbo Fan, *University of Virginia, VA*
- 9:00 – 10:00 AM** **Keynote Presentation**
Annette Kim, *University of Michigan, MI*
- 10:00 – 10:45 AM** **Coffee Break with Exhibitors**
Science Café Presentations
- 10:45 AM – 12:15 PM** **Platform Session 3: Emerging Technologies**
Improving the detection of genomic rearrangements in lymphoma: An evaluation of Hi-C FFPE sequencing compared to FISH
Adam Smith, *Labcorp, NC*

Six-base sequencing of aqueous humor cell-free DNA from retinoblastoma patients

Zejuan Li, *Houston Methodist Hospital, TX*

RNAseq vs. whole transcriptome sequencing: Selecting the right workflow for fusion detection for clinical applications

Rashmi Kanagal-Shamanna, *University of Texas MD Anderson Cancer Center, TX*

Rapid multi-omics profiling of acute leukemia using nanopore long-read sequencing

Derek Wong, *Children's Hospital of Philadelphia, PA*

Multi-omic MMRD testing of tumours and cfDNA using an integrative DNA sequencing and methylation panel

Trevor Pugh, *Princess Margaret Cancer Centre, ON, Canada*

Ultrarapid methylation classification and rapid comprehensive genomic profiling of pediatric CNS tumors

Feng Xu, *Children's Hospital of Philadelphia, PA*

12:15 – 1:30 PM

In-Person Round Table Discussions with Lunch

Table topic selection is during conference registration. [Click here](#) for more information about the In-Person Round Table Discussions.

1:30 PM – 1:45 PM

Platinum Exhibitor Showcase

(No CME or CEUs available)

1:45 – 2:00 PM

Platinum Exhibitor Showcase

(No CME or CEUs available)

2:00 – 2:15 PM

New CGC Programs Update

Melanie Babcock, *Varietyx, PA*

2:15 – 2:30 PM

CGC Working Group Updates

Fady Mikhail, *University of Alabama at Birmingham, AL*

2:30 – 3:45 PM

Platform Session 4: Bioinformatics and Variant Curation

Identification of tumor-associated antigens with multi-cancer therapeutic potential

Daniel Wickland, *Mayo Clinic, FL*

Automating subtype-specific cancer gene prioritization at the OncoTree scale using Large Language Models (LLMs)

Suhasini Lulla, *Baylor College of Medicine, TX*

Centralized genomic annotation to enable multi-site biomarker-driven oncology trials

Thuy Vu, *University of Texas MD Anderson Cancer Center, TX*

Predictive accuracy of liquid biopsy for comprehensive genomic profiling of solid tumors

Nathan Hassel, *Kaiser Permanente, CA*

AmpliconSuite and AmpliconRepository: Enabling ecDNA biology at scale

Jens Luebeck, *University of California San Diego, CA*

3:45 – 4:30 PM

Coffee Break with Exhibitors
Science Café Presentations

4:30 – 5:30 PM

Invited Session 4: Establishing Clinical Pharmacogenomics Testing: Assays, Implementation, and Resources

Speakers:

Wahab Khan, *Dartmouth College, NH*

Stuart Scott, *Stanford University, CA*

Sherin Shaaban, *University of Utah School of Medicine, UT*

7:00 – 8:30 PM

Optional After Hours Social Activities

Register for activities during meeting registration. Participants can pick up tickets at the CGC 2026 Registration Desk. [Click here](#) for more information about the Optional After Hours Social Activities.

Bowling at Lucky Strike

The Escape Game (arrive 15 minutes early)

Line Dancing

WEDNESDAY, AUGUST 5, 2026

9:00 – 10:30 AM

Platform Session 5: Hematologic Malignancies

Gene amplification in AML and MDS - insights from the first-year NCI-MyeloMATCH trial

Thaiha Nguyen, *Fred Hutchinson Cancer Research Center, WA*

Optical genome mapping improves detection of cryptic structural variants in chronic myelomonocytic leukemia

Kim Hoang Ly Nguyen, *University of Texas MD Anderson Cancer Center, TX*

Cryptic rearrangements and enhancer hijacking are commonly detected in lymphoid malignancies by optical genome mapping

Xiaoming Wang, *University of Michigan, MI*

Integrated cytogenomic profiling identifies distinct genomic clustering and predictors of TTFT in Indian CLL

Hemani Jain, *Tata Memorial Centre, Panvel, India*

Hematology outcomes of general population with MDS-related chromosomal alterations or mutations

Huan Mo, *National Human Genome Research Institute, National Institutes of Health, MD*

Characterization of DDX41 germline predisposition syndrome: A single site analysis

Catherine Levy, *Huntsman Cancer Institute, UT*

10:30 – 11:00 AM

Coffee Break with Exhibitors

11:00 AM – 12:00 PM **Invited Session 5: Navigating Variant Classification in Low Penetrance Genes and Variants**

Moderator: Jasmine Baker, *Baylor College of Medicine, TX*

Speakers:

Sharon Plon, *Baylor College of Medicine, TX*

Marcy Richardson, *University of California, San Diego, CA*

Ryan Schmidt, *University of Southern California, Children's Hospital Los Angeles, CA*

12:00 PM

Closing Remarks

Fady Mikhail, *University of Alabama at Birmingham, AL*

Cate Paschal, *Seattle Children's Hospital, WA*