

# Genetics in Clinical Cancer Care: Controversies, Insights & Scalable Solutions

April 22-24, 2022

## Friday April 22<sup>nd</sup>, 2022

7:00am-7:30am	Continental Breakfast and Registration	
7:30am-8:30am	<b>Pre-Conference Genetics 101 Basic Concepts</b>	
7:30am	Primer on Genetic Counseling	Feighanne Hathaway, MS, LCGC
7:50am	Primer on Genomics	Michael Drazer, MD, PhD
8:10am	Primer on AI	Frederick Howard, MD
8:30am	Welcome Address	Olufunmilayo Olopade, MBBS, FASCO
	<b>Advanced concepts in germline genomic testing: Refining Hereditary Risk</b>	Moderator: Allison DePersia, MD Iris Romero, MD
8:35am	Making sense of panel testing for inherited hematologic malignancies	Jane Churpek, MD
8:55am	Polygenic risk score: Should clinicians use it?	Montserrat Garcia-Closas, MD, DrPH
9:15am	<b>Keynote Address I:</b> State of the Art in Breast Cancer Prevention: Defining healthy women at high risk in the Wisdom Study	Laura Esserman, MD, MBA
9:45am	Q & A with Speakers	
10:00am	Break	
	<b>Dawn of a New Era for <i>BRCA</i> Mutation Carriers</b>	Moderators: Nan Chen, MD Iris Romero, MD
10:30am	Advances in Immunotherapy for Ovarian Cancer	Kunle Odunsi, MD, PhD
10:50am	Heterogeneity of Breast Cancer; tailoring treatments to reduce long term toxicities in young women	Rita Nanda, MD
11:10am	<b>Keynote Address II:</b> State of the Art for <i>BRCA</i> Directed Therapies early stage through metastatic disease	Mark Robson, MD
11:40am	Lessons Learned in the Primary Prevention of Ovarian Cancer in <i>BRCA</i> Mutation Carriers	Kathryn Mills, MD
12:00pm	Outliving Risk: An age-related assessment of cancer risk and its impact on management	Shari Snow, MD
12:20pm	Q & A with Speakers	
12:30pm	<b>Case Presentations</b>	Discussion leaders: Kathleen Blazer, EdD, CGS Madeline Pies, MGCS, LCGC

		Catherine Marcum, DNP, APN Susan Shehayeb, MS, CGC
1:30pm	Lunch: Non -CME Activities Cancer IQ Ancillary Event	Gold Room
2:30pm	<b>Keynote III:</b> <b>Distinguished Lecturer:</b> Treatment of <i>BRCA1</i> -positive breast cancer: an observational study	Steve Narod, MD
3:00pm	<b>Q &amp; A with Dr. Narod (No Audience Response System)</b>	Olufunmilayo Olopade, MBBS, FASCO
	<b>BRCA &amp; Men's Health</b>	Moderators: Russell Szmulewitz, MD Shari Snow, MD
3:15pm	Uptake of Genetic Testing in Prostate Cancer Families	Elias Obeid, MD
3:35pm	Genetic Evaluation of Prostate Cancer: Considerations for Practice	Veda Giri, MD
3:55pm	Genetics of Breast Cancer in Men	Susan Neuhausen, PhD
4:15pm	<i>BRCA2</i> -associated male breast cancer: should there be a different surgical approach?	Nora Jaskowiak, MD
4:35pm	Q & A with Speakers	
4:45pm	Break	
5:00pm	<b>Case Presentations</b>	Discussion leaders: Rachelle Manookian, MS, CGC Christine Drogan, MS, CGC Feighanne Hathaway, MS, LCGC Catherine Marcum, DNP, APN
6:00pm	Poster Reception sponsored by Natera - International Ballroom Foyer	

## Saturday April 23<sup>rd</sup>, 2022

7:30am	Continental Breakfast	
8:00am	<b>Announcements</b>	Sonia S. Kupfer, MD, AGAF
	<b>CGA-IGC Collaborative Session on Inherited GI Cancers</b>	Moderators: Sonia Kupfer, MD Christine Drogan, MS, LCGC
8:05am	<b>Keynote Address IV:</b> Colorectal Cancer Genetics: High Risk, Moderate Risk, and Polygenic Risk Scores	Stephen Gruber, MD, PhD, MPH
8:30am	Mainstreaming genetic counseling for inherited Colorectal Cancer	Heather Hampel, MS, CGC
8:50am	<b>Keynote Address V:</b> Pancreatic Cancer Surveillance –Does it work?	Bryson Katona, MD, PhD
9:15am	Targeted therapies for GI Cancers	Michael Hall MD, MS

9:35am	Managing Families with inherited Endocrine Cancer Syndrome —Paraganglioma, VHL	Xavier Keutgen, MD
10:00am	Q & A with Speakers	
10:15am	Break	
	<b>Integrating Pharmacogenomics to Cancer Care to Optimize Clinical Outcomes</b>	Moderators: Loren Saulsberry, PhD Tien Truong, PharmD, PhD
10:45am	Uncovering ancestry vs. race, how studies in Europe can miss important alleles in others	Minoli Perera, PhD
11:05am	<b>Keynote VI:</b> New developments in genotype-guided dosing of 5-Fluorouracil	Steven Offer, PhD
11:30am	Germline Pharmacogenomic testing in Cancer therapeutics: Considerations for clinical practice in 2022	Peter O'Donnell, MD
11:45am	Q & A with Speakers	
12:00pm	<b>Case Presentations</b>	Moderators: Lauren Gima, MS, CGC Rachelle Manookian, MS CGC Madeline Pies MS, LCGC Elise Sobotka, MS, CGC, MPH
1:00pm	Lunch-Non CME Activities	
	<b>Global Perspectives</b>	Moderators: Rodrigo Guindalini, MD, PhD Catherine Marcum, DNP, APN
2:00pm	<b>Keynote Address VII:</b> Inequities in Gene-based Care	Tuya Pal, MD
2:25pm	Uptake of Bilateral Salpingo-Oophorectomy in Women with a BRCA1 or BRCA2 mutation: Can We Do Better?	Kelly Metcalfe, RN, PhD
2:45pm	<b>Keynote Address VII:</b> Population Risk stratification for Breast Cancer	Gareth Evans, MD, FRCP
3:10pm	Population Genetics of Inherited Cancers in Israel	Gad Rennert, MD, PhD
3:30pm	Addressing the burden of Inherited Cancers in India	Raja Pramanik MD, DM
3:50pm	Q & A with Speakers	
4:15pm	Break	
4:30pm	<b>Global Case Presentations Presentations</b>	Moderators: Kathleen Blazer, EdD, CGC, MS Susan Shehayeb, MS, CGC Lauren Gima, MS, CGC Elise Sobotka MS, CGC, MPH
5:30pm	Adjourn	

## Sunday April 24<sup>th</sup>, 2022

8:00am	Continental Breakfast	
8:25am	Announcements	Sonia Kupfer, MD
	<b>Population Health Management &amp; the AI Revolution</b>	Moderators: Pamela Ganschow, MD Lydia Usha, MD
8:30am	<b>Keynote address IX:</b> Leveraging informatics tools to assess and improve cancer genetics care	Stacy Gray, MD, AM
8:55am	Advances in Digital Pathology and AI to democratize access to care	Fred Howard, MD
9:15 am	New models of Image Based Biomarkers for Breast and Prostate Cancer Screening	Gregory Karczmar, PhD
9:35am	Liquid Biopsies as a surveillance tool: Identifying cancers and carriers early – Are we there yet?	Olufunmilayo Olopade, MBBS, FASCO
9:55am	Q & A with Speakers	
10:00am	Multidisciplinary Patient Advocacy Panel Discussion	<b>Moderators:</b> Karen Hurley, PhD <b>Patients:</b> Michelle Weaver Knowles Karl Surkan, PhD Alicia Cook
11:00am	Next Generation Research: Questions for the Network	Olufunmilayo Olopade, MBBS, FASCO Sonia Kupfer, MD
11:45am	Adjourn	