



DECEMBER 10–13, 2024

HENRY B. GONZALEZ CONVENTION CENTER • SAN ANTONIO, TX

Program

[Last updated: August 22, 2024]

Tuesday, December 10 (All times are in CST)

- 12:00 – 1:30 pm **Prevention Special Session: Mechanisms of Obesity Related Risk for Breast Cancer and Approaches to Risk Reduction**
Moderator: Carol Fabian, University of Kansas Medical Center, Westwood, Kansas
- Lifestyle, Genetic, and Epigenetic Interactions in Predicting Development of Obesity and Response to Calorie Restriction and Physical Activity
Speaker to be announced
 - Achieving Sufficient Fat loss and Metabolic Improvement to Reduce Cancer Risk: Newer Generation GLP-1n and GIP Receptor Agonists (Nutrient Sensing Hormone (NUSH) - Based Therapeutics
Robert Kushner, Northwestern University Feinberg School of Medicine, Chicago, Illinois
 - Impact and Types of Exercise and Pharmacotherapy in Weight Loss
John Jakicic, University of Kansas Medical Center, Westwood, Kansas
 - Panel Discussion
- 12:00 – 1:45 pm **FDA Special Session: New Drug Approvals**
- 12:00 – 1:45 pm **Special Session 3: Sex, Drugs, Rock & Roll**
Moderator: Christine Ambrosone, Roswell Park Comprehensive Cancer Center, Buffalo, New York
Patient Advocate: Tomika Bryant
- Supplements and Cannabis
Heather Greenlee, Fred Hutch Cancer Center, Seattle, Washington
 - Sexual Health
Don Dizon, Legorreta Cancer Center at Brown University/Lifespan Cancer Institute, Providence, Rhode Island
 - Exercise During Treatment
Rikki Cannioto, Roswell Park Comprehensive Cancer Center, Buffalo, New York
 - Alcohol
Marilyn Kwan, Kaiser Permanente Northern California, Pleasanton, California
 - Panel Discussion
- 2:00 – 3:45 pm **Clinical Workshop: Dose Optimization in Breast Medical Oncology**

2:00 – 3:45 pm

Translational Workshop: Cancer Immunology Discovery Approaches into Clinical Trials

Moderator: Christine Desmedt, KU Leuven, Leuven, Belgium

- Multiplex Imaging for Precision Oncology
Raza Ali, Cancer Research UK, Cambridge, United Kingdom
- Single Cell T-Cell Receptors and B-Cell Receptors
Diether Lambrechts, Catholic University of Leuven, Leuven, Belgium
- Spatial Transcriptomics
Christos Sotiriou, Institut Jules Bordet, Brussels, Belgium
- Cancer Immunology Discovery Approaches into Clinical Trials
Emanuela Romano, Institut Curie, Paris, France
- Panel Discussion

4:00 – 4:30 pm

Review of Current Technologies

4:00 – 4:30 pm

Therapy Induced Evolution

4:00 – 4:30 pm

Neoadjuvant Management and Adaptive Strategies

4:00 – 5:30 pm

A Roadmap to Address the Global Health Disparities in Breast Cancer

4:00 – 5:45 pm

Educational Session 1: Mind the Gap—Breast Cancer in the Young

Moderator: Matteo Lambertini, University of Genova - IRCCS Ospedale Policlinico San Martino, Genoa, Italy

Patient Advocate: Na'Diah Smith

- Biology of Breast Cancer in Young Women
Camila Dos Santos, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York
- Ovarian Suppression: Who, When, Why, and for How Long
Prudence Francis, Peter MacCallum Cancer Centre, Melbourne, Australia
- Survivorship
Jennifer Sheng, Johns Hopkins University, Baltimore, Maryland
- Panel Discussion

4:00 – 5:45 pm

Educational Session 2: Liquid Biopsy: MRD, CT DNA, and Monitoring Response to Treatment

Moderator: Adrian Lee, University of Pittsburgh, Pittsburgh, Pennsylvania

Patient Advocate: Ellen Landsberger

- Review of Current Technologies
Heather Parsons, Dana-Farber Cancer Institute, Boston, Massachusetts
- Early Detection and Molecular Recurrent Disease
Ben Park, Vanderbilt University Medical Center, Nashville, Tennessee
- Utility in the Metastatic Setting
David Cescon, UHN Princess Margaret Cancer Centre, Toronto, Canada
- Panel Discussion

4:00 – 5:45 pm

Educational Session 3: Tumor Heterogeneity and Evolution

Moderator: Reuben S. Harris, UT Health San Antonio, San Antonio, Texas

- Therapy Induced Evolution
Nicholas Navin, UT MD Anderson Cancer Center, Houston, Texas
- Genomic and Microenvironment Determinants of Breast Cancer Progression
Christina Curtis, Stanford University, Stanford, California
- Single Cell Genomics in Triple Negative Breast Cancer
Ashley Laughney, Weill Cornell Medicine, New York, New York
- Panel Discussion

4:00 – 5:45 pm

Educational Session 4: Optimizing Early HER2 Positive Breast Cancer Treatment

Moderator: Javier Cortes, International Breast Cancer Center, Barcelona, Spain

- Neoadjuvant Management and Adaptive Strategies
Gabe Sonke, Netherlands Cancer Institute, Amsterdam, Netherlands
- Treatment of Small Tumors in Early-Stage Setting
Adrienne Waks, Dana-Farber Cancer Institute, Boston, Massachusetts
- Post Neoadjuvant Management for non pCR
Joyce O'Shaughnessy, Baylor University, Dallas, Texas
- Panel Discussion

5:45 – 6:15 pm

Refreshment and Networking Break

6:15 – 7:00 pm

Late Breaking Oral Presentations

Wednesday, December 11 (All times are in CST)

- 7:00 – 8:30 am **Concurrent Poster Spotlight Sessions 1-5**
- 8:30 – 9:00 am **Welcome and Opening Remarks**
- 9:00 – 9:30 am **William L. McGuire Memorial Lecture**
- 9:30 – 11:45 am **General Session 1**
- 12:00 – 12:50 pm **Rapid Fire 1**
- 12:00 – 2:00 pm **Poster Session 1**
- 12:00 – 1:45 pm **Early Detection**
Moderator: Ismail Jatoi, UT Health San Antonio Mays Cancer Center, San Antonio, Texas
- Risk-Based Screening in the Average Population
Karla Kerlikowske, University of California San Francisco, San Francisco, California
 - Novel Imaging Modalities
Connie Lehman, Harvard Medical School and Massachusetts General Hospital, Boston, Massachusetts
 - Screening for High-Risk Women
Speaker to be announced
 - Panel Discussion
- 1:00 – 1:50 pm **Clinical Case Discussions**
- 2:00 – 3:00 pm **State of the Art Session 1: The Winding Road of Immune Biomarkers in Early Breast Cancer**
Moderator: Sherene Loi, Peter MacCallum Cancer Centre, Melbourne, Australia
- TILs: An Update After 10 Years of Research
Roberto Salgado, Peter MacCallum Cancer Centre, Melbourne, Australia
 - Immune Biomarkers Beyond TILs
Justin Balko, Vanderbilt-Ingram Cancer Center, Nashville, Tennessee
 - Deploying Immune Biomarkers in Clinical Trials
Priyanka Sharma, University of Kansas Medical Center, Westwood, Kansas
 - Panel Discussion

2:00 – 3:00 pm

Clinical Controversies**Omission of Axillary Staging in ER Positive Breast Cancer: Implications on Adjuvant Therapies**

Monica Morrow, Memorial Sloan Kettering Cancer Center, New York, New York

- Omission of Axillary Staging in ER+ Disease What is The Data?
Elizabeth Mittendorf, Dana-Farber Cancer Institute, Boston, Massachusetts
- Omission of Axillary Staging in ER+ Disease Implications for Radiotherapy
Speaker to be announced
- Omission of Axillary Staging in ER+ Disease: Implications for Adjuvant Systemic Therapy
Kevin Kalinsky, Emory Winship Cancer Institute, Atlanta, Georgia
- Radiation Post pCR
Richard Zellars, Indiana University School of Medicine, Indianapolis, Indiana
- Panel Discussion

3:30 – 5:15 pm

Educational Session 5: Unlocking New Targets with Molecular Degraders

Speakers to be announced

- PROTACs
- Lysosome-targeting Chimeras
- Biparatropic Antibodies
- Panel Discussion

3:30 – 5:15 pm

Educational Session 6: Case Based Clinical Approach to ER Positive Metastatic Breast Cancer

Moderator: Sarah Hurvitz, Fred Hutch Cancer Center, Seattle, Washington

Patient Advocate: Amy Beumer

- PI3Kinase/AKT Pathway Targeting
- ESR1 Mutations
- CDK4/6 Resistance Genomics
- When to Rebiopsy – Tissue vs Liquid Biopsy
- Single Agent Hormonal Therapy Sonia Data
- Panel Discussion

Michael Oliphant, Harvard Medical School, Boston, Massachusetts**Aditya Bardia**, UCLA David Geffen School of Medicine, Los Angeles, California**Neil Vasan**, Columbia University Irving Medical Center, New York, New York**Dan Stover**, The Ohio State University Comprehensive Cancer Center, Columbus, Ohio

3:30 – 5:15 pm

Educational Session 7: The Best of AACR

Speakers to be announced

3:30 – 5:15 pm

Educational Session 8: Optimizing Local Therapy

Moderator: Tari King, Dana-Farber Brigham Cancer Center, Boston, Massachusetts

Patient Advocate: Yvonne Florance

- Let's Talk About PBI
Atif Khan, Memorial Sloan Kettering Cancer Center, New York, New York
- Axillary Management: When to Dissect and When to Radiate
Stephanie Wong, Jewish General Hospital Segal Cancer Centre, McGill University Medical School, Montreal, Canada
- Surgical Prevention and Management of Lymphedema
Sarah McLaughlin, Mayo Clinic, Jacksonville, Florida
- Panel Discussion

Thursday, December 12 (All times are in CST)

- 7:00 – 8:30 am **Concurrent Poster Spotlight Sessions 6-10**
- 8:30 – 9:00 am **Plenary Lecture**
- The Grand Challenge of Unraveling Social vs Biological Drivers of Racial Disparities in Cancer Outcomes
Melissa B. Davis, Morehouse School of Medicine, Atlanta, Georgia
- 9:00 – 11:45 am **General Session 2**
- 12:00 -2:00 pm **Poster Session 3**
- 12:00 – 12:50 pm **Rapid Fire 2**
- 12:30 – 1:45 pm **The Future of Cancer Genetics Is Here**
Moderator: Claudine Isaaks, Georgetown University, Washington, DC
Patient Advocate: Tanja Spanic, Europa Donna Slovenia, Ljubljana, Slovenia
- Saturation Genome Editing-Based Functional and Clinical Classification of VUS in BRCA2
Fergus Couch, Mayo Clinic, Rochester, Minnesota
 - Updates on Risk Prediction Models
Antonis Antoniou, Cancer Research UK Cambridge Center, Cambridge, United Kingdom
 - Reversion Mutations in BRCA1/2 in Response to Therapy
Katherine Nathanson, University of Pennsylvania Abramson Cancer Center, Philadelphia, Pennsylvania
 - Panel Discussion
- 1:00 – 1:50 pm **Molecular Tumor Board**
- **Jorge Reis-Filho**, AstraZeneca, Gaithersburg, Maryland
 - **Philippe Bedard**, Princess Margaret Cancer Centre, Toronto, Canada
 - **Jenna Canzoniero**, Johns Hopkins Sidney Kimmel Cancer Center, Baltimore, Maryland
 - **Bob Riter**, Cornell University, Ithaca, New York
- 2:00 – 3:00 pm **Translational Controversies**
- How to Define Triple Negative Breast Cancer
Rebecca Dent, National Cancer Center Singapore, Singapore
Charles Perou, UNC Lineberger Comprehensive Cancer Center, Chapel Hill, North Carolina
 - Tumor Agnostic Drug Development
Funda Meric, MD Anderson Cancer Center, Houston, Texas
Fabrice Andre, Institut Gustave Roussy, Villejuif, France

- 2:00 – 3:00 pm **State of the Art: Revolutionizing Diagnosis and Discovery with Artificial Intelligence**
Moderator: Fred Howard, University of Chicago, Chicago, Illinois
- Pathology
Speaker to be announced
 - Imaging and Screening
Ritse Mann, Netherlands Cancer Institute, Amsterdam, Netherlands
 - Drug Discovery, Deep Learning, and Large Data Management
Speaker to be announced
 - Panel Discussion
- 3:30 – 5:15 pm **Educational Session 9: Artificial Intelligence in the Clinic**
Moderator: Debra Patt, Texas Oncology-Austin Central, Austin, Texas
Patient Advocate: Kay Firth-Butterfield
- Hazards and Opportunities
Andrew Hantel, Dana-Faber Cancer Institute, Boston, Massachusetts
 - Beyond Chat GPT: Generative AI in Healthcare
Speaker to be announced
 - Digital Tools for Clinical Practice
Emily Ray, UNC Lineberger Comprehensive Cancer Center, Chapel Hill, North Carolina
 - Panel Discussion
- 3:30 – 5:15 pm **Educational Session 10: Immunotherapy**
Moderator: Heather McArthur, UT Southwestern Medical Center, Dallas, Texas
- Immunotherapy in Early ER Positive Breast Cancer
Cesar Santa Maria, John Hopkins Medicine, Baltimore, Maryland
 - Optimization of Treatment in TNBC
Marleen Kok, Netherlands Cancer Institute, Amsterdam, Netherlands
 - The Future of Immunotherapy
Evanthia Roussos Torres, University of Southern California, Los Angeles, California
 - Panel Discussion
- 3:30 – 5:15 pm **Educational Session 11: Mind the Gap—Breast Cancer in Older Adults**
Moderator to be announced
Patient Advocate: Sandi Stanford
- The Aging Immune System with Hormonal Changes
Speaker to be announced
 - Defining and Avoiding Low Value Surgical Therapy
Christina Minami, Brigham and Women's Hospital, New York, New York
 - Systemic Therapies
Hans Wildiers, University Hospital Leuven, Leuven, Belgium
 - Panel Discussion

- 3:30 – 5:15 pm **Educational Session 12: The Biology and Treatment Implications of Organ Specific Metastases**
Moderator: Heide Ford, University of Colorado Denver School of Medicine, Denver, Colorado
Patient Advocate: Christine Hodgdon, Sidney Kimmel Comprehensive Cancer Center, Baltimore, Maryland
- Brain Metastases
Diana Cittelly, University of Colorado Anschutz Medical Campus, Aurora, Colorado
 - Liver Metastases
Peter Vermeulen, GZA Hospital Sint-Augustinus, Antwerp, Belgium
 - Bone Metastases
Rachelle Johnson, Vanderbilt University Medical Center, Nashville Tennessee
 - Panel Discussion
- 5:30 – 7:00 pm **Poster Session 4**
- 8:00 – 10:30 pm **SABCS Celebration**

Friday, December 13 (all times are in CST)

- 7:00 – 8:30 am **Concurrent Poster Spotlight Sessions 11-15**
- 8:30 – 9:00 am **Plenary Lecture**
- Cell Atlases as Roadmaps in Cancer Immunology
Walid Khaled, University of Cambridge, Cambridge, United Kingdom
- 9:00 – 11:45 am **General Session 3**
- 12:00 -2:00 pm **Poster Session 5**
- 12:30 – 1:45 pm **New Directions in Breast Cancer Prevention**
- Moderator: Gretchen Benson, National Cancer Institute, Bethesda, Maryland
- Prevention Vaccines: Where Are We Now and Where Are We Going?
Olivera Finn, University of Pittsburgh, Pittsburgh, Pennsylvania
 - Can We Use Biomarkers to Implement Prevention?
Seema Khan, Feinberg School of Medicine of Northwestern University, Chicago, Illinois
 - From Bench to Clinical Trial: A New Target for Breast Cancer Prevention
Geoff Lindeman, Walter and Eliza Hall Institute of Medical Research, Parkville, Australia
 - Panel Discussion
- 2:00 – 2:50 pm **Debate: All Patients Should be Offered Universal Germline Genetic Testing**
- Moderator: Virginia Kaklamani, UT Health San Antonio, San Antonio, Texas
- Opening Remarks and Polling
 - Debate For
Allison Kurian, Stanford University, Stanford, California
 - Debate Against
Raymond Kim, UHN Princess Margaret Cancer Centre, Toronto, Canada
 - Closing Remarks and Polling
- 3:00 – 5:00 pm **Year in Review**
- Moderators: Carlos Arteaga, UT Southwestern Medical Center, Dallas, Texas; and Virginia Kaklamani, UT Health San Antonio, San Antonio, Texas
- Translational Science Updates
Pedram Razavi, Memorial Sloan Kettering Cancer Center, New York, New York
 - Early Breast Cancer Updates
Speaker to be announced
 - Advanced Breast Cancer Updates
Michael Danso, Virginia Oncology Associates, Norfolk, Virginia
Basic Science
 - **Neil Vasan**, Columbia University, New York, New York
- 5:00 – 5:30 pm **Reception Break**
- 5:30 – 7:00 pm **View from the Trenches**

