

Advancing BRCA-Related Malignancies Research Through Multidisciplinary Collaboration

Innovation • Translation • Clinical Impact

Gray Initiative for BRCA-Related Malignancies,
Tel Aviv University's Cancer Biology Research Center (CBRC)

KICK-OFF MEETING

October
29
2026

08:00 - 16:30
Steinhardt Museum of
Natural History,
Tel Aviv University

Scientific Program

Registration & Coffee | 08:00 - 08:45

Welcome & Greetings | 08:45 - 09:00 **Ronit Satchi-Fainaro - Director, CBRC, TAU**

Session 1

09:00-10:45

Chairs:

**Adit Ben-Baruch,
Rinat Molho-
Bernstein**

Cancer Initiation and Interception in BRCA-Associated Tumors

Keynote: Joan Brugge (Harvard): Searching for the Earliest Precursors of Breast Cancer
Dana Ishay-Ronen (Sheba): Enhanced Plasticity in Heterozygous BRCA1 Normal Mammary Epithelium Drives Tumorigenic Trajectories
Merav Cohen (Medical Sciences, TAU): Immune-controlled signaling niche predisposes breast cancer onset
Rinat Yerushalmi (RMC): The Evolving Impact of BRCA Mutations on Therapeutic Strategies
Asaf Madi (Medical Sciences, TAU): Spatial Inference of Pathway Activation from Breast Cancer H&E Images
Adit Ben-Baruch (Life Sciences, TAU): BRCA1 insufficiency impairs inflammation-induced pro-metastatic effects in TNBC

Coffee Break | 10:45 - 11:05

Session 2

11:05-12:35

Chairs:

**Tamar Safra,
Maya Dadiani**

Translating BRCA Biology into Clinical Practice

Keynote: Roger Greenberg (UPenn): Targeting Homologous Recombination Deficiency in BRCA Mutant Cancers
Keren Levanon (RMC): The Challenge of Early Detection of Ovarian Cancer
Yael Raz (TASMC): Counseling in the Gray: Navigating the BRCA Journey When Evidence Is Still Evolving
Ilan Tsarfaty (Medical Sciences, TAU): Rethinking BRCA1-Induced Metastasis: Invasive Cell Motility and the Role of Novel Modifier Genes - Multi-omics analysis
Talia Golan (Sheba): BRCA-Associated Pancreatic Cancer: Translating Genomic Insights into Clinical Practice

Lunch & Networking | 12:35 - 13:35

Session 3

13:35-15:25

Chairs:

**Eric Shifrut,
Eitan Friedman**

CBRC-Gray-BRCA Grant Awardees Session

Yael Bar (TASMC): Biomarkers for Neoadjuvant Treatment De-Escalation in BRCA-Related TNBC
Shamgar Ben-Eliyahu (Social Sciences, TAU): Molecular Characterization of BRCA-Mutated Ovarian Cancer in the Perioperative Context
Yasmin Leshem (TASMC): BRCA-Dependent Responses to TOP1-Based ADC and Immune Sensitization in Breast Cancer
Ran Elkon (Medical Sciences, TAU): Discovery of Novel Genetic Modifiers of Breast Cancer Risk in BRCA1 Carriers
Gili Bisker (Biomedical Engineering, TAU): Optical Nanosensors for Real-Time Detection of Enzyme Biomarkers
Uri Ben-David (Medical Sciences, TAU): BRCA-Driven PDAC: Innovative Models to Study Resistance Mechanisms and Novel Treatment Combinations
Ephrat Levy-Lahad (SZMC): Recipient of the 2026 Basser Global Prize - TBD

Coffee Break | 15:25 - 15:45

Session 4

15:45-16:45

Chair:

**Osnat Ashur-
Fabian**

The Future of BRCA-Related Cancer Research

Keynote: Ronny Drapkin (UPenn): BRCA-Associated Ovarian Cancer: From the Fallopian Tube to Cancer Interception
Panel Discussion: What Will Define the Next Decade of BRCA-Related Cancer Research?
Moderator: Einav Gal-Yam
Closing Remarks: Ronit Satchi-Fainaro

**Registration is free
but space is limited**

