

under the auspices of:



CARMEL MEDICAL CENTER
In memory of Lady Davis



IF YOU ARE INTERESTED IN PRECISION MEDICINE

The Disease Prevention, Detection and Treatment Conference

From Molecules and Genes to Precision Implementation



A unique meeting on Precision Medicine will be led by top professionals whose expertise is in discovery and use of molecular data to improve health. More than 80 international experts have already approved their participation and will lead parallel sessions in three tracks.

TRACK 1

Medical Genetics Track: Cancer genetics, genetics of rare diseases, cardiovascular and other chronic disease genetics, longevity genetics, pharmacogenetics, and implementation of genetics in clinical practice.

TRACK 2

Detection Track: Biobanking, biomarkers in disease detection, molecular PRS (polygenic risk scoring), molecular insight into chronic disease screening policies, including genetic germline screening in different phases of life.

TRACK 3

Therapeutics Track: Transitioning from a "one size fits all" therapeutics model to a model that is individualized based upon actionable molecular events detected in tissue and/or circulating space. In this track we will discuss the implementation of proven biological drivers and their molecular-driven treatments.

OCTOBER 11-13, 2023 | DEAD SEA, ISRAEL



REGISTRATION IS OPEN

CME application in progress



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DPD@TARGET-CONFERENCES.COM

Current topics for precision oncology audience (partial list)

- Germline testing informing systemic cancer therapy
- The mechanism by which mismatch repair deficiency benefits cancer immunotherapy
- Treatment of breast cancer in mutation carriers: How have PARP inhibitors changed the questions?
- Predictors of adjuvant endocrine therapy discontinuation: primary results from E1Z11 and beyond
- Lessons from pediatric cancer genomics studies: every child with cancer patient should have genetic testing
- New directions in novel drug delivery systems and targeted therapy for HER2 negative breast cancer
- Genetics of the tumor immune microenvironment and response to immunotherapy
- Cancer tissue acquisition in the era of molecular biology
- Childhood leukemia as a model for precision medicine – achievements, opportunities, and challenges
- Genomic approaches to precision medicine for lung cancer prevention and early detection
- CDH1 gene test for gastric and breast cancer risk
- Classification of variants of uncertain significance (VUS) in cancer predisposition genes
- Penetrance and clinical management of CDH1 mutation associated hereditary diffuse gastric cancer and lobular breast cancer
- Molecular landscape in colorectal cancer. Shaping the future
- Prevention of hereditary breast cancer: MRI or mastectomy
- Reimagining a world without breast cancer: getting to the root of inherited susceptibility
- Circulating miRNAs as diagnostic and early detection biomarkers for pancreatic cancer
- Development of the PREMMplus model and novel health care delivery models for identification of hereditary cancer predisposition
- Use of genomics and other omics data to gain new insights into cancer etiology and biology
- Genetic findings in a cohort of young women with breast cancer
- Smoking and tumor mutation burden
- Breast cancer risk stratification in women of screening age: Incremental effects of adding mammographic density, polygenic risk, and a gene panel
- Multi-level implementation of genomic cancer risk assessment in Latin America: Lessons learned in the GRACIAS project
- The NCI CAPIT Center for LNP RNA Cancer Immunoprevention

Partial list of speakers in precision oncology track:



Gad Rennert



Chris Amos



Dean Brenner



Giovanni Corso



Andrea De Censi



Susan Domchek



Gareth Evans



James Ford



Judy Garber



Talia Golan



Stephen B. Gruber



Anthony Howell



Shai Izraeli



Jaak Janssens



Heinz Josef Lenz



Steven M. Lipkin



Steven Narod



Larry Norton



Olufunmilayo Olopade



Sharon Plon



Mark E. Robson



Hope Rugo



Vered Stearns



Sapna Syngal

Current topics for precision genetics audience (partial list)

- Childhood leukemia as a model for precision medicine – achievements, opportunities, and challenges
- Genomic approaches to precision medicine for lung cancer prevention and early detection
- Multi-level implementation of genomic cancer risk assessment in Latin America: Lessons learned in the GRACIAS project
- Genome-guided therapies: If not now, when?
- Germline testing informing systemic cancer therapy
- Treatment of breast cancer in mutation carriers: How have PARP inhibitors changed the questions?
- Lessons from pediatric cancer genomics studies: Every child with cancer patient should have genetic testing
- CDH1 gene test for gastric and breast cancer risk
- Classification of variants of uncertain significance (VUS) in cancer predisposition genes
- Penetrance and clinical management of CDH1 mutation associated hereditary diffuse gastric cancer and lobular breast cancer
- Molecular landscape in colorectal cancer. Shaping the future.
- Prevention of hereditary breast cancer: MRI or mastectomy
- Reimagining a world without breast cancer: Getting to the root of inherited susceptibility
- Development of the PREMMplus model and novel health care delivery models for identification of hereditary cancer predisposition
- Genetic findings in a cohort of young women with breast cancer
- GH/IGF1 pathway in human longevity
- Rare diseases: The Geneva Genome Board experience
- Breast cancer risk stratification in women of screening age: Incremental effects of adding mammographic density, polygenic risk, and a gene panel
- Polygenic risk scores
- National pilot study of population DNA screening in Australia
- Population genomics of the Middle East and South Asia identify novel disease genes for common and rare disorders
- Genetic screening of workers: potential benefits and pitfalls
- Exome sequencing: A powerful tool for deciphering complex genetic disorders
- A retrospective cohort of >50K Latino genomes
- Rare diseases in inbred cohorts: from research to prevention and treatment
- Genomic testing in the court room. Are we protecting children or probing the unknown?
- Cardiovascular genetics: is it ready for prime time?
- Precision cancer screening: Can it be done by MCEs? (multi-cancer early detection tests)
- Achieving equity in precision oncology
- The Alabama Genomic Health Initiative: Integration of genomic medicine into primary care
- Genomics input for precision clinical cardiology, "Genomic approaches to sudden cardiac death"
- Introducing precision medicine technologies into primary care clinic service
- Mitochondrial Microproteins are Precision Medicine Targets for Chronic Diseases of Aging

Partial list of speakers in precision genetics track:

