

The Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine



"When the data doesn't make sense, it's usually because you have an erroneous preconception about how the system works."

The Beutler Symposium – Celebrating 10 Years of Exemplary Genomic Research

Monday, November 6, 2023

Spencer Auditorium, Sammy Ofer Tower, Rambam Health Care Campus (HCC), Haifa, Israel

08:30 - 09:00 09:00 - 09:30

Registration and Refreshments

Greetings and Opening Remarks

Michael Halberthal, MD, MHA

Director and CEO, Rambam Health Care Campus (HCC), Haifa

Rafael Beyar, MD, DSc, MPH

Chair, Scientific Advisory Council, Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine

Tribute to Ernest Beutler

Jacob Rowe, MD

Shaare Zedek Medical Center, Jerusalem and Rambam Health Care Campus, Haifa

GREETINGS AND STATE OF THE ART LECTURE

09:30 – 10:00

Random Germline Mutagenesis and Automated Meiotic Mapping to Discover Suppressors of Disease

Bruce Beutler, MD

Nobel Laureate, Regental Professor, and Director of the Center for Genetics of Host Defense, UT Southwestern Medical Center, Dallas, Texas

10:00 – 10:30

Genetic Analysis of Inherited Breast and Ovarian Cancer: From Gene Discovery to Personalized Medicine and Public Health

Mary-Claire King, PhD

Professor of Genome Sciences and of Medicine, Department of Genome Sciences, University of Washington, Seattle, Washington

BEUTLER PROGRAM GRANTEES RESEARCH PROJECT PRESENTATIONS

10:30 - 11:00

Genomically Precise Therapy for Chronic Kidney Disease

Karl Skorecki, MD, FRCP(C), FASN

Rambam Health Care Campus, Professor Emeritus, Technion – Israel Institute of Technology Chair, Scientific Advisory Committee for PSIFAS and Professor in Medicine, Bar-Ilan University

11:00 – 11:30

Epitranscriptomics - From Basic Research to Clinical Applications

Gideon Rechavi, MD, PhD

Head, Sheba Cancer Research Center, Pediatric Hematology-Oncology, Sheba Medical Center Djerassi Chair in Oncology, Tel Aviv University, Tel Aviv

11:30 – 11:50

COFFEE BREAK AND LIGHT REFRESHMENTS

11:50 – 12:20

Epigenetic Liquid Biopsies

Yuval Dor, PhD

Department of Developmental Biology and Cancer Research, Faculty of Medicine, Hebrew University of Jerusalem, Jerusalem

12:20 – 12:50

Predicting Antibiotic Resistance

Roy Kishony, PhD

Marilyn and Henry Taub Professor of Life Sciences, Faculty of Biology, Technion - Israel Institute of Technology, Haifa

12:50 – 13:20

Non-invasive Detection of Tissue Damage

Karen B. Avraham, PhD

Karen B. Avraham, PhD, Professor, Department of Human Molecular Genetics & Biochemistry, Faculty of Medicine & Sagol School of Neuroscience; Drs Sarah and Felix Dumont Chair for Research of Hearing Disorders; and Dean, Faculty of Medicine, Tel Aviv University, Tel Aviv

13:20 – 13:50

The Immune System of Bacteria: Beyond CRISPR

Rotem Sorek, PhD

Professor of Microbial Genomics and Systems Biology, Department of Molecular Genetics, Weizmann Institute of Science, Rehovot

13:50 – 14:20

Molecular Aspects of Normal and Malignant Hematopoiesis

Liran Shlush, MD, PhD

Principal Investigator, Department of Immunology, Weizmann Institute of Science, Rehovot

14:20 – 14:30

Closing Remarks

Rafael Beyar, MD, DSc

Chair, Scientific Advisory Council, Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine

14:30

LUNCH