



“When the data don’t make sense, it’s usually because you have an erroneous preconception about how the system works.”

THE THIRD ERNEST AND BONNIE BEUTLER SYMPOSIUM

Spencer Auditorium, Rambam Health Care Campus, Haifa
Tuesday, February 27, 2018 • 09:00 – 13:30

Symposium Moderator: Jacob Rowe, MD

09:00 - 09:30

Registration and Refreshments

09:30 - 09:45

Greetings and Opening Remarks

Rafael Beyar, MD, DSc

Chair, Scientific Advisory Council, Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine; Director, Rambam Health Care Campus (HCC); Women’s Division/Dr Phillip and Sara Gotlieb Chair and Professor of Medicine and Biomedical Engineering, Technion-IIT

Tribute to Ernest Beutler

Jacob Rowe, MD

Emeritus Professor of Medicine, Technion-Israel Institute of Technology, Haifa
Director of Hematology, Shaare Zedek Medical Center, Jerusalem
Department of Hematology and Bone Marrow Transplantation, Rambam HCC, Haifa

09:45 - 10:30

Greetings and State of the Art Lecture

Studying Immunity by Randomly Inactivating Genes in Mice

Bruce Beutler, MD

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

10:30 - 11:00

Coffee Break and Light Refreshments

BEUTLER PROGRAM GRANTEES RESEARCH PROJECT PRESENTATIONS

11:00 - 11:20

Adult Lung Stem Cell Transplantation Across Major Genetic Barriers

Yair Reisner, PhD

Henry Drake Chair in Transplantation Immunology, Department of Immunology, Weizmann Institute of Science, Rehovot

11:20 - 11:40

Metabolic Regulation of Normal and Leukaemic Stem Cells: The Roles of ROS and Nitric Oxide

Tsvee Lapidot, PhD

The Edith Aronoff Stein Professorial Chair in Stem Cell Research, Weizmann Institute of Science, Rehovot

11:40 - 12:00

Epitranscriptomics: From Basic Principles to Clinical Insights

Gideon Rechavi, MD, PhD

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

12:00 - 12:20

The Power of ONE: Immunology in the Age of Single Cell Genomics

Ido Amit, PhD

Principal Investigator, Amit Lab for Immunogenomics, Department of Immunology, Weizmann Institute of Science, Rehovot

12:20 - 12:40

Non-invasive Detection of Tissue Damage

Yuval Dor, PhD

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

12:40 - 13:00

Understanding, Predicting, and Manipulating the Evolution of Antibiotic Resistance

Roy Kishony, PhD

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

13:00 - 13:20

Genomic Precision in Drug Discovery for Challenging Targets: Application to Chronic Kidney Disease

Karl Skorecki, MD

Annie Chutick Professor in Medicine (Nephrology), Technion-Israel Institute of Technology, Haifa
Director, Medical and Research Development, Rambam HCC, Haifa

13:20-13:30

Closing Remarks

Rafael Beyar, MD, DSc

Chair, Scientific Advisory Council, Ernest and Bonnie Beutler Research Program of Excellence in Genomic Medicine; Director, Rambam Health Care Campus (HCC); Women’s Division/Dr Phillip and Sara Gotlieb Chair and Professor of Medicine and Biomedical Engineering, Technion-IIT

13:30

Lunch