

THE SECOND ERNEST AND BONNIE BEUTLER SYMPOSIUM

Spencer Auditorium, Rambam Health Care Campus, Haifa,

Tuesday, February 16, 2016

Symposium Moderator: **Jacob Rowe**

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

Benny Geiger, PhD

Chair, Israel Science Foundation, Jerusalem

Faculty of Biology, Department of Molecular Cell Biology

Weizmann Institute of Science, Rehovot

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

09:45-10:00 Tribute to Ernest Beutler

The Legacy to Hematology of Ernest Beutler

Presentation by **Yishai Ofra, MD**, Director, Leukemia Service & Hematology Inpatient Unit, Rambam HCC, Haifa

10:00 - 10:45 Greetings and State of the Art Lecture

Finding New Components of the Mammalian Immune System

Bruce Beutler, MD

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

2015 Beutler Program Grant Recipient Research Plan

10:45 – 11:05 **Towards Lung Healing by Committed Lung Progenitors: The Lung Niche and Other Analogies to Bone Marrow Transplantation**

Yair Reisner, PhD

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

11:05– 11:35 *Coffee Break and Light Refreshments*

Beutler Program Grantees Research Project Presentations

11:35 - 12:05 **Metabolic Regulation of Normal and Leukaemic Stem Cells: The Roles of ROS and Nitric Oxide**

Tsvee Lapidot, MD

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

12:05 – 12:35 **RNA Methylation: More Kinds and New Functions**

Gideon Rechavi, MD, PhD

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

12:35 – 13:05 **APOL1 Nephropathy – From Gene Discovery toward Drug Discovery**

Karl Skorecki, MD

Annie Chutick Professor in Medicine (Nephrology), Technion - Israel Institute of Technology, Haifa

Director, Medical and Research Development, Rambam HCC, Haifa

13:05-13:10 Closing Remarks

Rafael Beyar, MD, DSc

13:10 *Lunch*