



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

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

### First Annual Ernest and Bonnie Beutler Symposium

**Wednesday, March 5, 2014**

Spencer Auditorium, Main Building  
Rambam Health Care Campus (RHCC)  
Haifa, Israel

Paid parking is available at the  
Hof Hashaket and train station parking lots

08:30 – 09:00

#### Registration and Refreshments

09:00 – 09:30

#### Greetings

##### Welcome Greetings, announcement of 2014 awardees

##### Rafael Beyar

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

Director and CEO, Rambam Health Care Campus, Haifa

##### Greetings on behalf of the Faculty of Medicine

##### Eliezer Shalev

Dean, The Ruth and Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology (IIT), Haifa

##### Tribute to Ernest Beutler

##### Jacob Rowe

Emeritus Professor of Medicine, Technion IIT, Haifa

Director of Hematology, Shaare Zedek Medical Center, Jerusalem

##### Greetings

##### Daniel Hershkowitz

President of Bar Ilan University

Former Minister of Science and Technology for the State of Israel

09:30 – 10:30

##### State of the Art Lecture: Monitored Mutagenesis of the Mouse Genome, and High-Speed Identification of Mutations that cause Phenotype

##### Bruce Beutler

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

10:30 – 10:50

#### Coffee Break

10:50 – 11:30

##### Ernest and Bonnie Beutler Research Project Overviews:

##### APOL1 Associated Kidney Disease – Overview, Progress, and Plans

##### Karl Skorecki

Annie Chutick Professor in Medicine (Nephrology), Technion IIT, Haifa

Director, Rappaport Research Institute, Technion IIT, Haifa

Director, Medical and Research Development, Rambam Health Care Campus

##### RNA modification via m6A methylation – Project Introduction

##### Gideon Rechavi

Head, Sheba Cancer Research Center, Pediatric Hematology-Oncology, Sheba Medical Center

Djerassi Chair in Oncology, Tel Aviv University

11:30 – 12:00

**Wednesday, March 5, 2014 • 13:30 - 17:00 Research Workshop**

Rambam Health Care Campus (RHCC), Haifa, Israel

## Molecular Mechanisms of Chronic Kidney Disease

**Moderator – Karl Skorecki**

#### TLR Signaling in APOL1 Associated Kidney Disease

##### David Friedman, MD

Beth Israel Deaconess Medical Center, Harvard Medical School

#### The Role of APOL1 in Viral Clearance and Innate Immunity

##### Waldemar Popik, PhD

Center for AIDS Health Disparities Research, Meharry Medical College School of Medicine

#### Murine and Cell Models of HIV Associated Nephropathy

##### Pravin Singhal, MD

The Feinstein Institute for Medical Research

Nephrology Division, Long Island Jewish Medical Center

Hofstra North Shore-LIJ School of Medicine

#### Endosomal Pathways and Perturbations in Podocyte Functional and Structural Integrity

##### Thomas Weide, PhD

Molecular Nephrology, University Hospital Münster

#### APOL1 Associated Kidney Disease - Future Directions and Collaborations

##### Karl Skorecki, MD

#### Research Recommendations and Guidance

##### Bruce Beutler, MD