HEMATOLOGICAL MALIGNANCIES RESEARCH HORIZONS

March 1st 2022 – Tel Aviv University

08:00 – 08:45  Registration and Reception
09:00 – 09:30  Greetings and Ceremony

Prof. Ariel Porat - President of Tel Aviv University
Prof. Ehud Grossman - Dean Sackler Faculty of Medicine
Prof. Dan Peer - Vice President for Research & Development
Prof. Shai Izraeli – Chair, the Varda and Boaz Dotan Center for Hemato-Oncology Research

09:30 – 10:15  Session I: Plenary
Chair: Shai Izraeli

09:30 – 10:15  Translational Research in Blood Cancers - the Vision of City of Hope
Steven T. Rosen, City of Hope National Medical Center

10:15 – 12:00 Session II: Myeloid Malignancies
Chairs: Yishai Ofran, Martin Ellis

10:15 – 10:35  Mechanisms of Competition Between Healthy and Malignant Hematopoiesis
Cristina Lo Celso, Imperial College London

10:35 – 10:50  Regulation of DNA Damage Response in Normal and Leukemic Blood Stem Cell
Michael Milyavsky, Sackler Faculty of Medicine

10:50 – 11:05  From a Fortuitous Discovery to Treatment of AML
Shai Izraeli, Schneider Children's Medical Center Israel

11:05 – 11:20  Epitranscriptiomics - From Basic Research to Leukemia Therapy
**Gidi Rechavi**, Sheba Medical Center, Tel Hashomer

11:20 – 11:40 RNA Methylation and the Regulators of Cellular Fate.

**Michael G. Kharas**, Memorial Sloan Kettering Cancer Center

11:40 – 12:00 Discussion

12:00 – 12:20 *Coffee break*

12:20 – 13:40 **Session III: Immunotherapies and Targeted Therapies**

**Chairs: Drorit Neumann, Irit Avivi**

12:20 – 12:35 Therapeutic Gene Manipulation in Multiple Myeloma.

**Dan Peer**, Faculty of Life Sciences, Tel Aviv University

12:35 – 12:50 CAR-T cells and CNS Leukemia

**Elad Jacoby**, Sheba Medical Center, Tel Hashomer

12:50 – 13:05 A Unique Engineered T Cell Enables Antibody-Mediated Cytotoxicity to Overcome the Limitations of CAR T Cell Therapy

**Yaron Carmi**, Sackler Faculty of Medicine

13:05 – 13:20 Impact of TP53 Genomic Alterations in Large B-Cell Lymphoma Treated with CD19 - Chimeric Antigen Receptor T-Cell Therapy

**Roni Shouval**, Memorial Sloan Kettering Cancer Center

13:20 – 13:40 Discussion

13:40 – 14:30 *Lunch break*

14:30 – 15:00 **Session IV: Plenary**

**Chair: Abraham Avigdor**

14:30 – 15:00 Targeting the Microenvironment in Lymphoid Malignancies
15:00 – 16:25  **Session V: Lymphoid Malignancies**

**Chairs: Pia Raanani, Moshe Gat**

15:00 – 15:20  B-Precursor ALL in Children: Prevention is Better than Cure

**Arndt Borkhardt**, University Hospital, Heinrich-Heine-University, Düsseldorf


**Yael Cohen**, Tel Aviv Sourasky Medical Center

15:35 – 15:50  Reprogramming of Bone Marrow Mesenchymal Stem Cells: Next Frontier in Myeloma Progression Markers

**Liat Drucker**, Meir Medical Center

15:50 – 16:05  B-Cell Receptor Spatial Organization, Early Signaling and its Targeting in CLL

**Yair Herishanu**, Tel Aviv Sourasky Medical Center

16:05 – 16:25  **Discussion and Concluding Remarks**