

WIS-MD Anderson Symposium in Cancer Research

 **Dolfi and Lola Ebner Auditorium**
Weizmann Institute of Science

 **September 12-13.2022**

Monday, September 12


8:30 **Registration**

Welcome

- 9:15 **Moshe Oren**
Weizmann Institute of Science
- 9:20 **Raghu Kalluri**
The University of Texas MD Anderson Cancer Center
- 9:25 **Giulio Draetta**
The University of Texas MD Anderson Cancer Center

Session 1

- 9:30 **Giulio Draetta**
The University of Texas MD Anderson Cancer Center
Targeting medium chain Acyl-CoA Dehydrogenase, a critical feeder in Glioblastoma
- 9:55 **Itay Tirosh**
Weizmann Institute of Science
Pan-cancer analysis of intra-tumor heterogeneity
- 10:20 **Elizabeth Shpall**
The University of Texas MD Anderson Cancer Center
Mesenchymal stem cell (MSC)-based therapy for the clinic
- 10:45 **Idit Shachar**
Weizmann Institute of Science
SLAMF5 (CD84)- a regulator of immune suppressive microenvironment in tumors

 **11:10-11:40 Break**

Session 2

- 11:40 **Raghu Kalluri**
The University of Texas MD Anderson Cancer Center
Novel mechanistic insights into the evolving tumor microenvironment biology and treatment of cancer
- 12:05 **Ruth Scherz-Shouval**
Weizmann Institute of Science
Stress and mutation dependencies in the tumor microenvironment
- 12:30 **Jian Hu**
The University of Texas MD Anderson Cancer Center
Role of lipid metabolism in brain tumors and neurodegeneration
- 12:55 **Ayelet Erez**
Weizmann Institute of Science
Utilizing amino-acid metabolism to improve cancer diagnosis and therapy

 **13:20-14:30 Lunch**

Session 3

- 14:30 **John Tainer**
The University of Texas MD Anderson Cancer Center
Structures early approach to targeting the DNA Damage Response for Cancer Biology
- 14:55 **Zvi Livneh**
Weizmann Institute of Science
DNA repair in risk assessment, prevention and early detection of lung cancer
- 15:20 **Andrea Viale**
The University of Texas MD Anderson Cancer Center
Tissue damage, inflammation and pancreatic cancer: when oncogenic KRAS just wants to help
- 15:45 **Valery Krizhanovsky**
Weizmann Institute of Science
Molecular mechanisms of senescence on the crossroads of cancer and aging

Tuesday, September 13

8:30 **Registration**

Session 4

- 9:05 **Eran Elinav**
Weizmann Institute of Science
Host microbiome interaction in health and disease
- 9:30 **Jaquib Hanna**
Weizmann Institute of Science
Ex utero embryogenesis: from stem cells to organs
- 9:55 **Yair Reisner**
The University of Texas MD Anderson Cancer Center
Lung stem cells for lung regeneration
- 10:20 **Yonatan Stelzer**
Weizmann Institute of Science
Rethinking mammalian embryonic development: an integrated view of epigenetics and cell commitment
- 10:45 **Yejing Ge**
The University of Texas MD Anderson Cancer Center
Functional interrogation of stem cell lineage plasticity in the skin epithelia



11:10-11:40 Break

Session 5

- 11:40 **Roi Avraham**
Weizmann Institute of Science
Analyzing host-pathogen interactions during early stages of human infection
- 12:05 **Stephanie Watowich**
The University of Texas MD Anderson Cancer Center
Mechanisms of gastrointestinal immune-related adverse events with checkpoint blockade therapy: opportunities for irAE intervention while maintaining therapeutic tumor control
- 12:30 **Moshe Biton**
Weizmann Institute of Science
Immune regulation of intestinal stem cells
- 12:55 **Robert Jenq**
The University of Texas MD Anderson Cancer Center
Microbiome and hematopoietic transplantation and CAR-T outcomes



13:20-14:30 Lunch

Session 6

- 14:30 **Liran Shlush**
Weizmann Institute of Science
Leukemia prevention
- 14:55 **Simona Colla**
The University of Texas MD Anderson Cancer Center
Myelodysplastic Syndromes: from clonal hematopoiesis to secondary acute myeloid leukemia
- 15:20 **Yifat Merbl**
Weizmann Institute of Science
Mapping the degradation landscape in NSCLC
- 15:45 **Sattva Neelapu**
The University of Texas MD Anderson Cancer Center
Next steps for CAR T-cell therapy in Lymphoma



**Free
registration**

for registration go to: tinyurl.com/bde2te77

Organizing Committee

Moshe Oren, Weizmann Institute of Science
Raghu Kalluri, The University of Texas MD Anderson Cancer Center
Yair Reisner, The University of Texas MD Anderson Cancer Center
Ravid Straussman, Weizmann Institute of Science

Conference Coordinator & Accessibility Issues

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