

PROGRAM

8:30 am – 9:00 am Check-In and Continental Breakfast, MSTF Atrium

Poster Presentations, MSTF Atrium

9:00 am -10:00 am Poster Presentations

Oral Session I: Predoctoral and Other Students, Leadership Hall

Chairs: **Pavlos Anastasiadis** and **Rachel Lee**

- 10:00 am **Nidhi Pamidimukkala**
NME1 regulation of Aldolase C (ALDOC) as a potential mechanism for the metastasis suppressor activity in Melanoma (Abstract #13)
- 10:10 am Discussion
- 10:15 am **David Wisniewski**
Loss of organic cation transporters impairs anti-neoplastic effects of metformin, but not phenformin, in oral squamous cell carcinoma cells (Abstract #9)
- 10:25 am Discussion
- 10:30 am **Sandrine Soman**
Hyperthermia enhances radiation plus immunotherapy mediated pancreatic tumor growth inhibition in mice (Abstract #7)
- 10:40 am Discussion
- 10:45 am **Michael Kessler**
Ancestral characterization of 1018 cancer cell lines highlights cancer research disparities and reveals gene expression and somatic mutational differences between races (Abstract #14)
- 10:55 am Discussion

Oral Session II: Postdoctoral Fellows, Leadership Hall

Chairs: **Jimena Dancy** and **Michael Kessler**

- 11:00 am **Rachel Abbotts, Ph.D.**
DNA methyltransferase inhibitors sensitize NSCLC cells to PARP inhibitors by induction of a double strand break repair defect (Abstract #43)
- 11:10 am Discussion
- 11:15 am **Pavlos Anastasiadis, Ph.D**
MR-guided focused ultrasound: A non-invasive therapeutic modality for glioblastoma (Abstract #39)
- 11:25 am Discussion
- 11:30 am **Rachel Lee, Ph.D**
Response of collective cell migration to surface topography reveals distinct phenotypes (Abstract #35)
- 11:40 am Discussion
- 11:45 am **Nadire Duru, Ph.D**
Shikonin-induced miR-140 overexpression sensitizes non-small cell lung cancer cells to radiotherapy, while simultaneously protecting normal lung tissue from radiation-induced lung fibrosis (Abstract #33)
- 11:55 am Discussion

Meet and Greet with Dr. Carl June, MSTF Atrium

12:00 pm – 12:30 pm Meet and greet with Dr. June

Lunch, MSTF Atrium

12:30 pm – 1:30 pm Lunch

Cancer Immunology 101, Leadership Hall

1:30 pm – 1:50 pm Cancer Immunology Basics with Dr. Eduardo Davila

Fannie Angelos Cell Therapy Lab (FACT) Dedication, Leadership Hall

2:00 pm – 3:00 pm Ribbon-cutting with Dr. Curt Civin, President Jay Perman, Dean Albert Reece, Governor Lawrence J. Hogan, Dr. Aaron Rapoport, Mr. Peter Angelos, and Dr. Carl June

Keynote and Passano Lecture, Leadership Hall

3:00 pm – 3:10 pm Introduction: **Dr. Curt Civin**

3:10 pm – 4:00 pm **Carl H. June, M.D.**

Richard W. Vague Professor in Immunotherapy, Department of Pathology and Laboratory Medicine, Director of the Center for Cellular Immunotherapies, Director, Parker Institute for Cancer Immunotherapy, Perelman School of Medicine, University of Pennsylvania

“CAR T: engineering smarter cells”

Awards Ceremony for the Cancer Biology Retreat, MSTF Atrium

4:00 pm – 5:00 pm Awards Ceremony and Reception with light refreshments