

RADIATION ONCOLOGY RESEARCH RETREAT

Riverview Terrace
 Vivian and Seymour Milstein Heart Center
 Friday, November 16th, 2018
 7:15 a.m. to 6:00 p.m.

TIME	SPEAKER	PRESENTATION
7:15 a.m.		BREAKFAST
8:00 - 8:05	Dr. Tom Hei	Welcoming remarks
8:05 - 8:15	Dr. Laureen Hill	Radiation Oncology at NYP-Columbia campus
8:15 - 8:45	Dr. Cory Abate-Shen	Precision modeling of prostate cancer in genetically engineered mice in the post-genomic era
Session 1: Chairperson: Dr. David Horowitz		
8:50 - 9:10	Dr. Tony Wang	Ipilimumab and Nivolumab vs Temozolomide in Patients with Newly Diagnosed Unmethylated MGMT Glioblastoma
9:10 - 9:30	Dr. Fred Wu	Focuses Ultrasound: Translation to the Clinic
9:30 - 9:50	Dr. David Brenner	Optimized Hypofractionation in Head and Neck Cancer treatment
9:50 - 10:15	Drs. Israel Deutsch and Mark Hwang	Definitive SBRT for prostate cancer – Columbia University experience and future direction
10:15 - 10:35	Dr. Howard Lieberman	RAD9A promotes metastatic phenotypes of prostate cancer cells through transcriptional regulation of AGR2
10:35 - 10:50		COFFEE BREAK
Session 2: Chairperson: Dr. Helen Turner		
10:50 - 11:20	Dr. Wei Gu	Do we really know how p53 suppresses tumor growth?
11:20 - 11:40	Dr. Jason Yuen	FIGLN1 protein complex in homologous recombination repair
11:40 - 12:00	Dr. Sally Amundson	Radiation response in mouse models of DNA repair deficiency and inflammation
12:00 - 12:20	Dr. Simon Cheng	Radiation-induced ferroptotic cell death
12:20 - 1:20		LUNCH
Session 3: Chairperson: Dr. Cheng-Shie Wu		
1:20 - 1:50	Dr. Bin-sheng Zhao	Computational Image Analysis
1:50 - 2:05	Yi-Fang Wang	Dosimetric Characterization of a Novel Radiochromic Sheet for In-Vivo and 3D Dosimetry
2:05 - 2:25	Dr. Guy Garty	VADER: a VArIable Dose-rate EXternal irradiator for internal emitter and low dose rate studies
2:25 - 2:40	Dr. Katya Royba	RABiT-II Dicentric chromosome analysis
2:40 - 3:00	Dr. Kunal Chaudhary	Silencing Bmi-1 sensitizes NSCLC cells to radiation treatment
3:00 - 3:20		COFFEE BREAK
Session 4: Chairperson: Drs. Elizabeth Buss and Oscar Padilla		
3:20 - 3:40	Dr. Peter Grabham	The Role of Notch in Regulating the Response of Tumor Vasculatures to High Dose Radiation - In Vitro
3:40 - 4:00	Dr. Eileen Connolly	The Role of Notch in Regulating the Response of Tumor Vasculatures to High Dose Radiation - In Vivo
4:00 - 4:15	Dr. Christine Chin	APBI with IORT in the Management of DCIS
4:15 - 4:35	Dr. Igor Shuryak	Prophylactic mammary irradiation (PMI) for prevention of breast cancers in high-risk patients
4:35 - 4:55	Dr. Tom Hei	Role of long non-coding RNA CRYBG3 in carcinogenesis
4:55 - 5:00	Drs. Simon Cheng and Tom Hei	CLOSING REMARKS
5:00 - 6:00		Poster Viewing with Beverages and Cheese/ Poster Award Presentation