

# RADIATION ONCOLOGY RESEARCH RETREAT

Irving Cancer Center Auditorium  
 Friday, November 15<sup>th</sup>, 2019  
 7:15 a.m. to 6:15 p.m.

TIME	SPEAKER	PRESENTATION
7:15 a.m. BREAKFAST		
8:00 - 8:05	Dr. Tom Hei	Welcoming remarks
8:05 - 8:15	Dr. Anil Rustgi	Radiation Oncology within the mission of the Cancer Center
8:15 - 8:45	Dr. Lisa Kachnic	Cancer Breakthroughs in 2019
Keynote Lecture : Chairperson: Dr. Sally Amundson		
8:45 - 9:25	Dr. Andrea Califano	Application of system biology in cancer research
Session 1: Brain and H&N Chairpersons: Drs. David Horowitz/ Israel Deutsch		
9:30 - 10:00	Dr. Jeff Bruce	Progress in brain tumor research
10:00 -10:20	Dr. Tony Wang	Updates on ongoing clinical trials on GBM
10:20- 10:35 COFFEE BREAK		
10:35- 10:55	Dr. Fred Wu	The Fuss About FUS: Focused Ultrasound
10:55- 11:15	Dr. Vladimir Ivanov	Cannabis, radiation and GBM
11:15- 11:35	Dr. Horia Vulpe	Quality of life in H&N cancer patients using cannabis and challenges treating cervical cancers in sub-Saharan Africa
11:35- 11:55	Dr. David Brenner	Optimized hypofractionation for HPV-negative H &N cancer: Ready for a clinical trial?
Session 2: Brain storming session I Modulator: Dr. Tom Hei		
11:55- 12:30	FLASH Project:	Lead discussants- Drs. Simon Cheng, Manuela Buonanno, Cheng-shie Wu and Guy Garty
12:30 - 1:30 LUNCH		
Session 3: Damage/ Response and detection Chairpersons: Drs. Howard Lieberman and Guy Garty		
1:30 - 2:00	Dr. Shan Zhi	Inhibition ≠ deletion, ATM kinase and its friends in Radiation responses.
2:00 - 2:20	Dr. Jason Yuan	Explore the role of DNA damage response in non-targeted effects of ionizing radiation
2:20 - 2:40	Dr. Constantinos Broustas	Role of MEK5 in radiosensitivity of prostate cancer cells
2:40- 3:00	Dr. Simon Cheng	Ferroptosis
3:00- 3:20	Dr. Helen Turner	Candidate protein markers for radiation biodosimetry
3:20- 3:40	Dr. Olga Lemus	Deep Learning methods in CBCT-based patient dose calculation for adaptive radiotherapy
3:40 - 3:55 COFFEE BREAK		
Session 4: Resident's Research Chairperson: Dr. Elizabeth Buss		
3:55- 4:10	Dr. Katie Spina	Radiation as an immunomodulator

4:10 - 4:25	Dr. Mark Mayeda	Periprosthetic hydrogel spacer in prostate cancer radiotherapy
4:25 - 4:40	Dr. Oscar Padilla	Predictors of Breast Reconstruction Failure after mastectomy Radiotherapy in the Era of Neoadjuvant Chemotherapy
<b>Session 5: Brain Storming session II</b> Modulator: Dr. Eileen Connolly		
4:40- 5:10	Radio-immunotherapy: Lead discussants- Katie Spina, Christine Chin	
5:10- 5:15	Closing Remarks: Dr. Lisa Kachnic/ Dr. Tom Hei	
5:15- 6:15	Poster Viewing with Beverages and Cheese/ Poster Award Presentation	