

SATURDAY 19th

7AM	REGISTRATION DESK OPEN 7AM - 5PM				
8AM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
8AM	TR1: Radiation metabolomics: where are we and what can we do with the results? Speaker: Amrita Cheema 1	TR2: Role of miRNA in radiation response Speaker: Moly Aryankalayil 2	TR3: Redox regulation of cellular proliferation Speaker: Nukhet Aykin-Burns 3	TR4: Mediators of radiation bystander effects Speaker: Edouard Azzam 4	
9AM	P1: Interstellar chemistry and the origins of life Speaker: Thomas Orlando 6				
10AM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
11AM	S1: Nanotherapeutics and radiation Chair: Dennis Hallahan 1	S2: Tumor-selective radiosensitizers Chair: David Boothman, Kristoffer Valerie 2	S3: Radiation effects and the environment Chairs: William Morgan, Rebecca Abergel 3	S4: Radiation endotheliology Chairs: Mohan Natarajan, Fengtao Su 4	S5: Transitioning to an independent career Chairs: David Kirsch, Aparna Kesarwala 5
12PM	Painter Debates with boxed lunch (RSVP required for meal) This house believes that radiation does not offer any carcinogenic risk to astronauts Pro: Doug Boreham / Con: Michael Weil Introduction to Bob Painter Debates and Moderator: Martin Brown 6				
1PM	PS1: Physico-chemical events; Track structure and modeling; DNA and oxidative damage responses 7				
2PM	PS2: Mouse models; Epidemiology of cancer and non-cancer diseases 7				
3PM	S6: Galactic cosmic ray environment and simulation for radiobiology Chairs: Chiara La Tessa, Tony Slaba 1	S7: Radiation combined injury Chairs: Juliann Kiang, Elizabeth Kovacs 2	S8: Changing paradigms on RBE of proton and particle therapies Chairs: Harald Paganetti, Reza Taleei (SIT) 3	S9: Uncomplicated cures? The fate of cancer survivors. Chairs: Zeljko Vujaskovic, Rosemary Wong 4	S10: Translating from the laboratory to the patient Chairs: Polly Chang, Douglas Spitz 5
4PM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
6PM	Failla Award Lecture: Albert Fornace, Jr., MD The expanding scope of radiation stress signaling 6				
After 7PM	Welcome Reception at Main Pool and Rainforest Patio 6:45PM-8:45PM				
	Karaoke in the Society Lounge 8:30PM-12:30AM				

KEY

1 GLOBAL A

2 AMPHITHEATER

3 FLORIDA A

4 FLORIDA B

5 FLORIDA C

6 GLOBAL BCD

7 GRAND

8 KEY WEST

SUNDAY 20th

7AM	REGISTRATION DESK OPEN 7AM - 5PM				
8AM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
8AM	TR5: Radiation dosimetry for whole and partial body irradiation Speaker: Bret H. Heintz 1	TR6: HZE particles - effects on cardiac structure and function Speaker: David Goukassian 2	TR7: iPSC and stem cell therapy Speaker: Chuan-Yuan Li 3	TR8: Radiation metabolomics- How a small molecule perspective influenced our view of radiation exposure Speaker: Andrew Patterson 4	
9AM	P2: Osborne Award Lecture: Marie-Catherine Vozenin Understand the cellular and molecular basis of normal tissues toxicity to define new therapeutic strategies and improve radiation therapy outcome Chair: Martin Hauer-Jensen 6				
10AM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
11AM	S11: Models and procedures for preclinical assessment of radiation modifiers: working toward acceptable endpoints by which to advance to clinical trials Chair: C. Norman Coleman 1	S12: Physics and biology of a Mars mission Chair: Tom Hei 2	S13: The History of Dose Fractionation Chairs: Howard Lieberman, Carmel Mothersill 3	S14: Behavioral consequences of radiation exposure Chair: Susanna Rosi 4	S15: Chemistry of DNA strand break termini Chairs: Peter O'Neill, Amitava Adhikary 5
12PM	Business Forum with Buffet Lunch Members only: RSVP required 6				
1PM	PS3: Experimental therapeutics/radiotherapy/translational research 7				
2PM	PS4: Radiation protection—biodosimetry/mitigators/treatment 7				
3PM	S16: New developments in radiation epidemiology and dosimetry Chair: Martha S. Linet 1	S17: Radiation-related cataracts Chairs: Eleanor Blakely, Cynthia Flannery 2	S18: Novel approaches to enhance the efficacy of radiosurgery Chair: Samuel Ryu 3	S19: Base damage and breaks: What's new in repair? Chair: Howard Lieberman 4	S20: Stem cell models in radiation research Chairs: Amy Kronenberg, Manuela Buonanno 5
4PM	S21: NIAID/BARDA radiation counter-measures development Chair: John Esker 8	COFFEE BREAK WITH EXHIBITORS IN ATRIUM			
6PM	Michael Fry Research Award Lecture: Ester Hammond, MD Hypoxia-induced p53 modulates both apoptosis and radiosensitivity via AKT 6				
6PM	Marie Curie Award Lecture: Natsuko Miura, MD Real-time monitoring of cancer cell metabolism with hyperpolarized Carbon-13 NMR spectroscopy 6				
7PM	Early Career Investigators Meeting in Society Lounge				
8PM	FREE EVENING—ENJOY FLORIDA!				

MONDAY 21st

TUESDAY 22nd

REGISTRATION DESK OPEN 7AM - 12PM			
COFFEE BREAK WITH EXHIBITORS IN ATRIUM			
TR9: Role of the Incident and Emergency Centre of the International Atomic Energy Agency in medical radiation emergencies Speaker: Eduardo Herrera-Reyes 1	TR10: Genetic and contextual synthetic lethality and the cancer clinical Speaker: Robert Bristow 2	TR11: Radiation and anti-tumor immunity Speaker: Elizabeth Repasky 3	TR12: "What-you-see-is-what-you-get (WYSIWYG) in Radiation Therapy Speaker: Harald Paganetti 4
P3: Risk Communication Speaker: Randall Hyer Chair: C. Norman Coleman 6			
COFFEE BREAK WITH EXHIBITORS IN ATRIUM			
Presidential Symposium: Relevance of radiation at low doses? Speakers: Paul Doetsch, Olga Kovalchuk, William Morgan, Jerome Puskin Chair: Gayle Woloschak 6			
2nd Council Meeting (Closed Meeting)			
FREE AFTERNOON & EVENING			
Karaoke in the Society Lounge 10:00PM—1:00AM			

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1 GLOBAL A
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7AM	REGISTRATION DESK OPEN 7AM - 2PM				
	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
8AM	TR13: The C/EBP delta transcription factor as a mediator of hypoxia and inflammatory signaling: for better or worse Speaker: Esta Sternick 1	TR14: Insights into the motion of DNA repair proteins as revealed by single-molecule techniques Speaker: Susan Wallace 2	TR15: Imaging radioresistance Speaker: Hugo Aerts 3	TR16: End to end space radiation risk assessment and mitigation for a human mission to Mars Speaker: Francis Cucinotta 4	
9AM	P4: Potential of radiation therapy to convert the tumor into an "in situ" vaccine Speaker: Silvia Formenti, MD Chair: Paul Black 6				
10AM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
11AM	S22: Immunobiology in radiation responses: Implications in tumor control and normal tissue injury Chairs: Mansoor Ahmed, Lisa Scanduzzi (SIT) 1	S23: Radiation-induced cellular senescence Chair: Daohong Zhou 2	S24: From hypofractionation to SBRT - risks and benefits Chair: Mark Dewhirst 3	S25: Spatially fractionated radiotherapy: new technology driving new biologically driven applications Chairs: Robert Griffin, Jose Penagaricano 4	S26: Radiation chemistry of DNA Chairs: David Close, Amanda Bryant-Friedrich 5
12PM	SIT Mentor Luncheon in Global BCD 12:30PM - 1:30PM (by invitation)				
1PM					
2PM	PS5: Response of the central nervous system to radiation; Basic science in risk assessment on Earth and in space 7				
3PM	PS6: Epigenetics and emerging omics approaches; Stem cells; Normal tissue radiation responses 7				
4PM	S27: Emergency response to major radiological and nuclear incidents Chairs: John Zimbrick, Armin Ansari 1	S28: Mitochondria and radiation response Chairs: Marjan Boerma, Daret St. Clair 2	S29: Molecular imaging and radiation research Chair: Stephen Brown 3	S30: Epigenetic modifiers of radiation response Chair: Brad Wouters 4	S31: Intake of radionuclides - consequences and dosimetry Chairs: Bert W. Maidment, Dunstana R. Melo 5
5PM	COFFEE BREAK WITH EXHIBITORS IN ATRIUM				
6PM	Poster Sessions with Reception PS7: Mutagenesis/clastogenesis/carcinogenesis; Cell and tissue kinetics/signaling/microenvironment PS8: Late Breaking 7				
After 7PM	Final Evening Event 7:00PM Offsite				