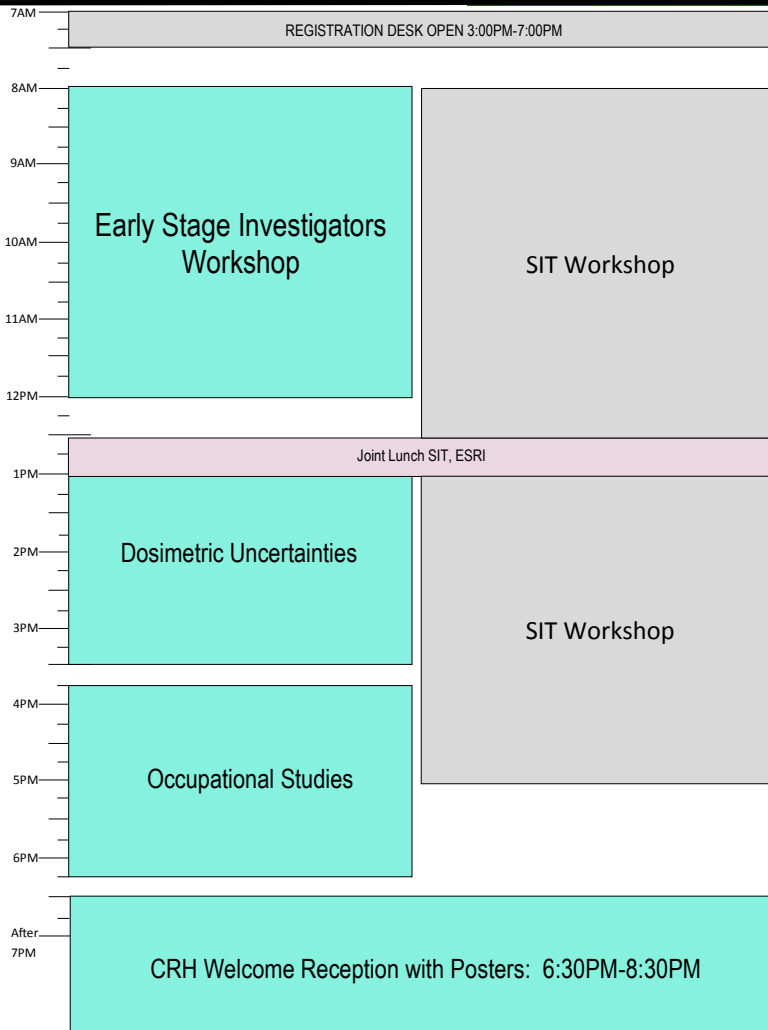




# RRS/CRH Combined Schedule



## KEY

RRS Featured Events

CRH Lectures

7AM	REGISTRATION DESK OPEN 7AM - 5PM				
8AM	"RERF"	COFFEE BREAK WITH EXHIBITORS			
		TR1: Radiopharmaceutical therapy & Individualized medicine	TR2: Radiation-induced senescence	TR3: Behavioral parallels between humans & rodents	TR4: Overcoming radioresistance: the development of small molecule radiosensitizers and hypoxic cell cytotoxins
9AM	P1: Molecular basis of circadian clocks				
10AM	COFFEE BREAK WITH EXHIBITORS				
11AM	S1: New insights from DNA damage and repair	S2: Bill Morgan Memorial Symposium: Biology, Epidemiology & Radiation Protection	S3: Enhancing the X-ray sensitivity of radio resistant tumors by altering Warburg metabolism	S4: Cancer Stem Cells	S5: Academic Industry Partnership in Radiation Oncology: What Can Improve?
	12PM				
1PM	RRS Painter Debates with boxed lunch: RSVP required				
2PM	Topical Review: Controversies in Thyroid Cancer	PS1: Experimental therapeutics/radiotherapy/translational research			
3PM	Disaster Consequences and Emergency Preparedness	PS2: Epidemiology of cancer and non-cancer diseases			
		S6: Biology & clinical implications of non-targeted responses	S7: Targeted Immunotherapy	S8: Circadian processes and Radiation effects	S9: Combination Therapy: Opportunities in Clinical Translation of Radiobiological Research
4PM	S10: Head and Neck Cancers				
5PM	COFFEE BREAK WITH EXHIBITORS				
6PM	Failla Award Lecture: "The Radiation Stress Response: Of the People, By the People and For the People"				
After 7PM	RRS Welcome Reception 6:45PM-8:45PM				
	Karaoke 8:30PM-11:30PM				

KEY

7AM	REGISTRATION DESK OPEN 7AM - 5PM				
8AM	CME Lectures	COFFEE BREAK WITH EXHIBITORS			
		TR5: Morphometric analysis of neurons	TR6: Radiation-induced hematopoietic syndrome	TR7: Caspases, DNA repair and stem cell plasticity	TR8: Update & Summary of MELODI
9AM	P2: Osborne Award Lecture: Normal tissue effects of low-dose and high-dose ionizing radiation in the heart				
10AM	COFFEE BREAK WITH EXHIBITORS				
11AM	Networking Breaks	S11: Neuroscience meets Radiobiology	S12: Big data & Omics	S13: Pancreatic/Brain Cancer	S14: ATM— Basic Mechanisms and Therapeutic Applications
		S15: The Linear No Threshold Model for Radiation Protection: A Flawed Concept or Practical Reality?			
12PM	Featured Events				
1PM	RRS Business Forum with Buffet Lunch Members only: RSVP required				
2PM	CRH Lectures	Joint CRH: Town Hall	PS3: Normal Tissue Radiation Responses		
3PM		PS4: DNA and oxidative damage responses Cell and Tissue kinetics/signaling/microenvironment			
4PM	CRH/RRS Joint Lectures	S16: R-loops, DNA Repair & genetic instability	S17: Epigenetic regulation of the radiation response	S18: Joint CRH Symposium: Bill Morgan Memorial Symposium part 2: Low Dose Epidemiology	S19: Advancements in Imaging modalities
5PM	S20: Carbon & related ion therapies				
6PM	COFFEE BREAK WITH EXHIBITORS				
6PM	Michael Fry Research Award Lecture: Supply, Demand and Survival— Three Keys to Unlocking Tumor Hypoxia				
6PM	Marie Curie Award Lecture:				
After 7PM	CRH Final Banquet: 6:30PM—9:00PM				

7AM	REGISTRATION DESK OPEN 7AM - 12PM			
	COFFEE BREAK WITH EXHIBITORS			
8AM	TR9: Low dose radiobiology and the nuclear power industry	TR10: DNA damage assays - how to get the data you want	TR11: Exploiting Redox Biology for the clinic	TR12: Challenge of nanotechnology in radiotherapy
9AM	P3: Radiobiological Foundations of Carbon Ion Radiotherapy: Current Perspectives and Future Challenges			
10AM	COFFEE BREAK WITH EXHIBITORS			
11AM	Presidential Symposium: TBA			
12PM				
1PM	2nd Council Meeting (Closed Meeting)			
2PM	<b>FREE AFTERNOON &amp; EVENING</b>			
3PM				
4PM				
5PM				
6PM				
After 7PM	Karaoke in the Society Lounge 10:00PM—1:00AM SPONSORED BY PRECISION XRAY			

**KEY**

CME Lectures

Networking Breaks

Featured Events

7AM	REGISTRATION DESK OPEN 7AM - 2PM			
	COFFEE BREAK WITH EXHIBITORS			
8AM	TR13: Charged particle dosimetry in space	TR14: Animal models of radiogenic cancer	TR15: Targeted animal irradiation	TR16: Infection and Radiation Injury Forwards a System Approach to Drug Repurposing
9AM	P4: Reaching new frontiers in Space			
10AM	COFFEE BREAK WITH EXHIBITORS			
11AM	S21: DNA Repair "picking the best choice"	S22: Pediatric cancers: Treatments, outcomes, models	S23: RRS COSPAR Joint symposium: Space radiation sciences	S24: Normal tissue and stem cells
12PM				S25: RRS/NIAID Symposium: Late Effects of Radiation Injury: and the Dominoes continue to fall
1PM	SIT Mentor Luncheon 12:30PM - 1:30PM (by invitation)			
2PM	PS 5: Mutagenesis/clastogenesis/carcinogenesis   Response of the central nervous system to radiation Epigenetics, and emerging omics approaches   Stem Cells   Mouse Models			
3PM	PS 6: Basic Science in risk assessment on earth and in space   Track structure and modeling			
4PM	S26: How Can Radiation Research Enable A Human Mission to Mars with Acceptable Risk and Uncertainties from Cosmic Ray	S27: Hypoxia and the UPR per A. Giaccia: "Targeting Tumor Hypoxia"	S28: RRS History Symposium: DNA as the critical target for radiation damage	S29: Lung cancer
5PM				S30: Interacting with your funding agencies: ECI career advancement
6PM	Poster Sessions with Reception PS7: Radiation protection-biodosimetry/mitigators/treatment   Physico-chemical events PS8: Late Breaking			
After 7PM	Final Night Luau 7:00PM			