



Saturday, September 14, 2024 | Program

All Times Presented in Mountain Standard Time



CME Available

1	2	3	4	5	6	7	8	9
GRAND & CANYON II, IV	PAVILION	CANYON III	MURPHEY	FINGER ROCK	CANYON I	SONORAN I	ARIZONA FOYER	FIESTA
7:30 am	SIT Workshop Registration and Breakfast <i>(SITs Only)</i>					SIT Workshop	RSVP Required Open to all SITs	
8:00 am	Welcome and Intro Lauren Pedersen							
9:00 am	Sponsorship at all stages of the research career Elizabeth Travis, PhD							
	Government Careers in Radiation Research Michael Rudokas, PhD, Robin Elgart, PhD							
10:00 am	Networking Coffee Break							
	DEI Session: The American Downwinders Community Cullin Pattillo, Matt Capalby, Antone Brooks, PhD							
11:00 am	Community Building Opportunities for Radiation Researchers							
	Perspectives on Starting Your Own Lab Carmen Bergom, MD, PhD & Christopher Thome, PhD							
	Introduction to Afternoon Activities							
12:00 pm	Lunch Break 11:45am - 12:00pm Sonoran Foyer							
	Introduction to Open Science Proposal Competition							
1:00 pm	Team Proposal Activity							
2:00 pm	Proposal Discussion and Judging							
	Closing Remarks Lauren Pedersen							
	Networking Coffee Break							
3:00 pm	ECI Interactive Panel Discussion Carmen Bergom MD, PhD, Marjan Boerma PhD, Andrea DiCarlo, PhD, David Yu, MD, PhD, Dörthe Schae, PhD, Catherine Spina, MD, PhD & Jeffrey Willey, PhD Moderator: Charles Maitz, PhD					ECI Mentors Roundtable	RSVP Required, Sold Out Indigo Room	Early Registration Open Lobby Foyer 3:00pm-7:00pm
4:00 pm	ECI Mentors Roundtable Carmen Bergom MD, PhD, Marjan Boerma PhD, Andrea DiCarlo, PhD, David Yu, MD, PhD, Dörthe Schae, PhD, Catherine Spina, MD, PhD & Jeffrey Willey, PhD							
	Meet the SIT's & Become a RadBud							
5:00 pm	Closing Remarks							
	Break							
6:00 pm								
7:00 pm	READI, SIT, ECI & New Members Joint VIP Reception							
10:00 pm	Outdoor Fiesta Area 7:00pm - 10:00pm							



Sunday, September 15, 2024 | Program

All Times Presented in Mountain Standard Time

CME Available

1	2	3	4	5	6	7	8	9	
GRAND & CANYON II, IV	PAVILION	CANYON III	MURPHEY	FINGER ROCK	CANYON I	SONORAN I	ARIZONA FOYER	FIESTA	
7:00 am									
	Networking Coffee Break with Exhibitors 7-8am								8
8:00 am	Welcoming and Opening Ceremony President Jan Schuemann, PhD & Doug Boreham, PhD								1
9:00 am	Plenary 01: Lunar habitation - Survival and adaptation Thomas Orlando, PhD								1
10:00 am	Networking Coffee Break 10:00 - 10:15 am								8
	Symposium 01 Space Radiobiology - the next frontier	Symposium 02 Radiosentization - chemical, nanoparticles	Symposium 03 DNA damage response pathways	Symposium 04 Regenerative Medicine in the Radiation Sciences	Symposium 05 Non-DNA targets and normal tissue response				
11:00 am	3	6	7	4	5				
12:00 pm	SIT Mentor Lunch in Sonoran II (RSVP Required)								
1:00 pm									
2:00 pm	Poster Session 1: Space Radiobiology & Physics, Background Radiation - Terrestrial and Cosmic, AI Imaging, diagnostics and Therapy, DNA Damage response pathways, Radiation Combination Therapies				2	Networking Coffee Break with Exhibitors 2:45 - 3:15pm			8
	Poster Session 2: Countermeasures - Traditional and Nonpharmaceutical, Medicine/Biomarkers				2				
3:00 pm	Symposium 06 Countermeasures - traditional and non- pharmaceutical	Symposium 07 Metabolism in radiation medicine	Symposium 08 Medicine/ biomarkers	Symposium 09 Radiation combination therapies	Symposium 10 Radiation risk from occupational exposures				
4:00 pm	6	3	4	5	7				
5:00 pm									
	Failla Award Lecture: The radiobiology of TGFβ bridges the DNA damage response and cancer immunotherapy Mary Helen Barcellos-Hoff, PhD								1
6:00 pm									
7:00 pm	Welcome Reception (Open to All, RSVP Required) Poolside 6:30pm - 8:45pm								
8:00 pm									Poolside
	DJ Dance Party Lobby Lounge 8:45pm								



Monday, September 16, 2024 | Program

All Times Presented in Mountain Standard Time



CME Available

1	2	3	4	5	6	7	8	9
GRAND & CANYON II, IV	PAVILION	CANYON III	MURPHEY	FINGER ROCK	CANYON I	SONORAN I	ARIZONA FOYER	FIESTA
6:00 am	Sunrise Session (Sponsored by NIAID): FDA Animal Rule and Beyond: Tips from Survivors 6:30am - 7:30am				5K Fun Run – Resort Run (RSVP Required, Sold Out) 7:00am - 8:00am			
7:00 am	Networking Coffee Break 7:30 - 8:00am							
8:00 am	TR 01 Spacial Transcriptions 3	TR 02 Clinical Trial Design 4	TR 03 Background Radiation - Natural and man made exposures and effects 5	TR 04 ROBIN- Educational Component 6	TR 05 Internal Dosimetry 7			
9:00 am	Plenary 02: Herman D. Suit Legacy Plenary Lecture: Implementing AI in the clinic: imaging, diagnostics, and therapy Andrew Hope, MD 1							
10:00 am	Networking Coffee Break 10:00 - 10:15am 8							
11:00 am	Symposium 11 ROBIN evolution of radiation response 3	Symposium 12 Dosimetry, biological dosimetry, biomarkers 4	Symposium 13 Background radiation - terrestrial and cosmic 5	Symposium 14 Evolving tumor micro environment 6	Symposium 15 Ion particle responses (Physical, biological and chemical radiobiology) 7			
12:00 pm	Business Forum Luncheon (RRS Members Only, RSVP Required) 1							
2:00 pm	Poster Session 3: Dosimetry, Biological dosimetry and biomarkers, FLASH radiotherapy mechanisms 2			Networking Coffee Break with Exhibitors 2:45 - 3:15pm 8				
3:00 pm	Poster Session 4: Non-DNA targets and normal tissue repair, Metabolism in radiation medicine, Evolving tumor microenvironment, Regenerative medicine in the radiation sciences. Radiosensitization - chemical. nanoparticles 2							
4:00 pm	Symposium 16 Radiation cures in pediatrics 3	Symposium 17 Radiation and microbes 4	Symposium 18 Radiopharmaceuticals, actinides in medicine 5	Symposium 19 Radiation Immunology 6	Symposium 20 Epigenetics 7			
5:00 pm	Marie Curie Award Lecture: Wnt enriched human bone marrow derived MSCs can mitigate GI-ARS in immunocompetent mice Rishi Man Chugh, PhD 5:30 - 5:45pm 1							
6:00 pm	Michael Fry Award Lecture: Modelling radiobiology: What has it taught us, and what do we still have to learn? Stephen McMahon, PhD 5:45 - 6:30pm 1							



TUCSON, ARIZONA | THE WESTIN LA PALOMA | SEPTEMBER 15-18

All Times Presented in Mountain Standard Time

CME Available

1	2	3	4	5	6	7	8	9
GRAND & CANYON II, IV	PAVILION	CANYON III	MURPHEY	FINGER ROCK	CANYON I	SONORAN I	ARIZONA FOYER	FIESTA
6:00 am	Sunrise Session (Sponsored by IARPA): IARPA TEI-REX: Pursuing novel noninvasive bio dosimetry							
7:00 am								
	Networking Coffee Break 7:30 - 8:00am							
8:00 am	TR 06: Biological Dosimetry - Old and New ₃	TR 07: Grant Writing/ Opportunities ₄	TR 08: Multidiscipline, how to learn from one another ₅	TR 09 Practical uses of AI in your lab ₆	TR 10: Basic Immunology ₇			
9:00 am	Plenary 03: Dr. Jae Ho Kim Plenary Lecture : SAFER Ukraine: Global response to support Ukrainian children diagnosed with cancer and blood disorders affected by war Marta Salek, MD							
10:00 am	Networking Coffee Break 10:00 - 10:15am							
11:00 am	Symposium 21 Advances in analytical methods for radiation epidemiology and dosimetry ₃	Symposium 22 Effect of radiation on psychology, biological impact, behavior (clinical) occupational study ₄	Symposium 23 Non-cancer radiation treatments ₅	Symposium 24 Going beyond mRNAs in radiation response A tribute to C. Norman Coleman, MD ₆	Symposium 25 Physics / biophysics breaking abstracts ₇			
12:00 pm	Afternoon On Own - Enjoy Tours in Tucson! (Advanced sign up required)							
6:00 pm								
9:00 pm								
10:00 pm	READI DJ Dance Party 9:00pm - 11:30pm Lobby Lounge							
11:00 pm								



Wednesday, September 18, 2024 | Program

All Times Presented in Mountain Standard Time

CME Available

1	2	3	4	5	6	7	8	9		
GRAND & CANYON II, IV	PAVILION	CANYON III	MURPHEY	FINGER ROCK	CANYON I	SONORAN I	ARIZONA FOYER	FIESTA		
6:00 am										
7:00 am	Networking Coffee Break 7:30 - 8:00am				8	Rad Women in Science Continental Breakfast (RSVP Required) 6:30 - 8:00am				
8:00 am	TR 11: Sexual and Reproductive Health in Arizona	3	TR 12 Internal radiation contamination & countermeasure in radiation biology	4	TR 13 Careers outside academia	5	TR 14 Theragnostic for beginners	6	TR 15 Appropriate use of statistics	7
9:00 am	Plenary 04: John B. Little, MD Legacy Plenary Lecture: Innovation Innovation and Future Opportunities in Radiopharmaceuticals and Medical Isotopes Karin Stephenson, PhD								1	
10:00 am	Networking Coffee Break 10:00 - 10:15am								8	
11:00 am	Symposium 26 Flash radio therapy mechanisms	3	Symposium 27 AI imaging, diagnostics and therapy	4	Symposium 28 Tissue chips and model systems	5	Symposium 29 History Symposium: Is it hot in Tucson? The history of hyperthermia in the Radiation Research Society	6	Symposium 30 Dosimetry/Biodosimetry II	7
12:00 pm	Painter Debate with Lunch (RSVP Required) - Topic: Flash religion - do you believe? FOR: Ioannis Verginadis, MSc, PhD (University of Pennsylvania) AGAINST: Anastasia Velalopoulou , PhD (U. of Pennsylvania Perelman School of Medicine)								1	
1:00 pm	J.W. Osborne Award Lecture: Development of medical countermeasures for multi-organ radiation injury Heather Himburg, PhD								6	
2:00 pm	Poster Session 5: Ion particle responses, Tissue chips & model systems, Radiation cure in pediatrics, Radiation Immunology, Epigenetics, Non-cancer radiation treatments				2	Networking Coffee Break with Exhibitors 2:45 - 3:15pm			8	
3:00 pm	Poster Session 6: Effect of radiation on psychology, biological impact, behaviour (clinical) occupations, Radiopharmaceuticals, Radiation risk from occupational exposures								2	
4:00 pm	Presidential Symposium: Mechanisms of radiation response Susanne Rafelski PhD Michael Story, PhD Harald Paganetti, PhD Sandra Demaria, MD								1	
5:00 pm	Poster Session 7: Dosimetry II, Biology				2	Poster Reception			2	
6:00 pm	Poster Session 8: Late Breaking								2	
7:00 pm	Final Night Event 7:30pm - 11:00pm (RSVP Required)									
11:00 pm										