

Saturday, October 3, 2026 | Program

 CME Available

7:00am

8:00am

9:00am

10:00am

11:00am

12:00pm

1:00pm

2:00pm

3:00pm

4:00pm

5:00pm

6:00pm

7:00pm

10:00pm

SIT Workshop Registration

Introduction *SIT-C*

RRS 101: Getting involved and maximizing your conference experience *Gayle Woloschak, PhD, Reza Taleei, PhD, Edouard Azzam, PhD & Sara Dumit, PhD*

Thriving in Research: The Hidden Rules Explained *Gayle Woloschak, PhD*

Coffee Break

Skills for SITs: Using guidelines proactively for best results *Reid Landes, PhD*

AI Tools for SITs: the good, the bad, and the noise *Adayabalam Balajee, PhD*

Lunch Break

11:30-12:30pm Kohala 1&2

Vice-Chair Election & SIT-C Overview *SIT-C*

Networking Session and Activity *SIT-C*

Closing remarks *SIT-C*

SIT Workshop Kona 4

*(RSVP Required,
SIT Members
Only)*

Poster Slam!

3:30pm – 5:30pm

Early Registration

3:00pm – 7:00pm

*SIT, ECI & New Members Social
(7:00pm – 10:00pm)*

PRECISION
X-RAY IRRADIATION

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72nd Annual International Meeting
Hilton Waikoloa Village, Hawaii
October 4-7, 2026

Sunday, October 4, 2026 | Program

 CME Available

7:00am	Registration Opens (7:00am – 5:00pm)8				Networking Coffee Break8		
8:00am	Welcome & Opening Remarks Rebecca Abergel, PhD & Zhiyuan Shen, PhD7						
9:00am	Plenary 01 Sana Karam, MD, PhD7						
10:00am	Networking Coffee Break						
	Symposium 01	Symposium 02	Symposium 03	Symposium 04	Symposium 05		
11:00am	Immunological Modulation by Radiation sitc1	Acute Radiation Syndrome and Delayed Effects2	Recent advance in DNA repair mechanisms4	Nanodosimetric Ion Radiotherapy5	Biodosimetry and Biomarkers of Radiation Injury3		
12:00pm							
1:00pm	SIT Mentor Lunch (RSVP Required, SIT Members Only)7						
2:00pm	Poster Session 16						
	Poster Session 26			Networking Coffee Break KUBTEC® SCIENTIFIC8			
3:00pm	Symposium 06	Symposium 07	Symposium 08	Symposium 09	Symposium 10		
4:00pm	Radiation Therapy in Combination with Immune and Metabolic Regulators (Combination therapy I)1	Mechanisms and Mitigation of Radiation-Induced CNS Dysfunction2	Cell-Cycle Regulation and Redistribution Following Radiation4	Space Radiation Research5	Fundamentals and Applications of Particle Therapy3		
5:00pm							
6:00pm	Failla Memorial Award Lecture Susan Bailey, PhD7						
7:00pm	Welcome Reception (Open to All, RSVP Required) 6:30pm – 8:45pm						
8:00pm	ORS Office of Radiological Security Eliminate and Prevent						

1	2	3	4	5	6	7	8
Queens 4	Queens 5	Queens 6	Kona 4	Kona 5	Kings Ballroom	Monarchy Ballroom	Grand Promenade

72nd Annual International Meeting
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Monday, October 5, 2026 | Program

 CME Available

7:00am	6:30am – 7:30am Sunrise Session – Are all researchers delivering the desired dose?  1				
	Registration (7:00am – 5:00pm) 8		Networking Coffee Break 8		
8:00am	TR01: Translational Radiation Research Over the Past 4–5 Decades 1	TR02: The BRCA Network: Genetics, Function, and Therapeutic Opportunities NAR JOURNALS 2	TR03: HISTORY- Boron Neutron Capture Therapy: Seven Decades in the Making 4	TR04: Mitigating Normal Tissue Toxicities After Space, Clinical, and Unintentional Radiation Exposures 5	TR05: Effects on the circulatory system from exposure to ionizing radiation 3
9:00am	Plenary 02 – Herman D. Suit, MD, DPhil Plenary Lecture: <i>Preetha Rajaraman, PhD</i> 7				
	Networking Coffee Break 8				
10:00am	Symposium 11	Symposium 12	Symposium 13	Symposium 14	Symposium 15
11:00am	Cancer metabolism and radiation responses 1	Microbiomes in radiation injuries and mitigation 2	Genomic and Molecular Markers for Radiation Damage 4	Advances on Radiation Protection and Measurements (NCRP Joint session) 5	ECI Spotlight 3
12:00pm	Business Forum Luncheon (RRS Members Only, RSVP Required) 12:15pm – 1:45pm 7				
1:00pm					
2:00pm	Poster Session 3 6		Poster Session 4 6		
			Networking Coffee Break  8		
3:00pm	Symposium 16	Symposium 17	Symposium 18	Symposium 19	Symposium 20
4:00pm	Metabolic Reprogramming and Microenvironment Adaptation After Radiation 1	Tumor Recurrence and Homeostasis after Radiation 2	Normal Tissue Reactions to Radiation 4	Human and Environmental Impacts of Nuclear Weapons and Accidents 5	Emerging Modalities in Radiation Therapy 3
5:00pm	Marie Curie Award Lecture: Semaglutide improves survival and attenuates radiation-induced cardiac injury in a mouse model of partial body irradiation <i>Suresh Veeraperumal, PhD</i> 7				
6:00pm	Michael Fry Award Lecture: Mechanistic Control of BRCA1/2-Mediated DNA Repair, R-Loop Regulation, and Therapeutic Response to Genotoxic Stress <i>Weixing Zhao, PhD</i> 7				
	7:00pm–9:00pm Family Movie Night 4				

1	2	3	4	5	6	7	8
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Tuesday, October 6, 2026 | Program

 CME Available

7:00am

Registration (7:30am – 12:00pm)

8

Networking Coffee Break

8

8:00am

TR06: RNA-Mediated Mechanisms of DNA Repair and Radiation Response
1

TR07: Emerging Trends in Radiation Research: Program Officer's Perspective
(NIAID Sponsored Session)2

TR08: Translating DNA Double-Strand Break Repair into Clinical Applications
4

TR09: Glioblastoma Stem Cell Interactions: Bench to Bedside
5

TR10: The Fukushima Nuclear Accident: Fifteen Years of Lessons and Lasting Legacy
(Joint JRRS session) 3

9:00am

**Plenary 03 – John B. Little MD Plenary Lecture:
Theranostics and Dosimetry: Shaping the Future of Radiopharmaceutical Therapy**
Yuni Dewaraja, PhD

7

10:00am

Networking Coffee Break

8

Symposium 21

Symposium 22

Symposium 23

Symposium 24

Symposium 25

11:00am

Radiation-Induced Genome Instability and Tumor Microenvironment
1

Modulating the Indirect Effects of Ionizing Radiation
2

Fundamentals and Clinical Potential of FLASH Radiation Therapy
4

(SIT) Radiation Effects on the Brain and Related Outcomes
5

Advances in Dosimetry and Modeling for Particle Therapy and Medical Imaging
3

12:00pm

Afternoon Off - Enjoy Tours & Activities around Waikoloa

7:00pm-9:00pm Family Movie Night

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Queens 4

Queens 5

Queens 6

Kona 4

Kona 5

Kings Ballroom

Monarchy
Ballroom

Grand
Promenade

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Wednesday, October 7, 2026 | Program

 CME Available

7:00am			The Curie Collective Breakfast (Open to All, Ticket Required) 7:00am – 8:00am				
8:00am	Registration (7:30am – 2:00pm) 8		7			Networking Coffee Break 8	
9:00am	TR11: Shades of Gy 2.0: Time, Dose, and Fractionation Revisited  1	TR12: Nanotechnology-Inspired Advancements in Radiation Therapy 2	TR13: Biomarkers for Acute and Delayed Radiation Effects  4	TR14: An overview of the changing nuclear technology landscape: Opportunities for research and collaboration  5	TR15: Mitochondrial Biology as it Relates to Radiation Effects 3		
10:00am	Plenary 04 – Jae Ho Kim Plenary Lecture: Radiation: A Double-Edged Sword Nelson Jen An Chao, MD, MBA 7						
11:00am	Networking Coffee Break 8						
12:00pm	Symposium 26 Regenerative Approaches to Reduce Radiation-induced Normal Tissue Toxicity 1	Symposium 27 Integrating Radiation Therapy with Chemotherapy (Combination therapy II) 2	Symposium 28 Radiopharmaceutical Therapy 4	Symposium 29 Medical Countermeasures and Preparedness for Nuclear Incidents 5	Symposium 30 Biological Variables Influencing Radiation Effects 3		
1:00pm	Box Lunch Service (Open to All, RSVP Required) 12:15pm – 12:30pm						
2:00pm	Painter Debate: Are animal models relevant in Radiation Research? FOR: David Kirsch, MD, PhD / AGAINST: Jacob Scott, MD 7						
3:00pm	J.W. Osborne Award Lecture: Restoration of intestinal homeostasis following severe radiation injury: mechanisms and mitigation strategies Chang Lung Lee, PhD 7						
4:00pm	Poster Session 5 6			Networking Coffee Break 8			
5:00pm	Poster Session 6 6						
6:00pm	Presidential Symposium Internal Radiation Emitters From Industrial And Environmental Toxicants To Precision Oncology Tools Ashley Golden, PhD, Helen Turner, PhD, Shaheen Dewji, PhD, MS & Julie Constanzo, PhD, 7						
7:00pm	Poster Session 7 & 8 with Reception 7						
8:00pm	Final Night Luau (Open to All, Ticket Required) 7:00pm – 9:30pm						
10:00pm	Final Night Karaoke Dance Party (Open to All) 9:00pm – 12:00am 						

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