



Crisis in context: Minding the gaps in medical preparedness for a Rad/Nuke Incident

July 30-31, 2019 | DoubleTree, Crystal City, VA

Day 1		
11:00-1:00	Registration Opens - Lunch On Own	
The Situation	Session Chair:	
12:00-12:10	Welcome	
12:10-12:40	Keynote: Regional Disaster Healthcare model impact on Rad/Nuke Response	DHHS-ASPR
12:40-1:00	Higher yield scenario 100 kt airburst vs 10kt groundburst impact on response planning	Steven Musolino (Brookhaven NL)
1:00-2:30	Integrated practice: how trauma, burn, blood supply and hem/onc teams will have to collaborate to care for complex ARS cases	Moderator: Chao (Duke) Trauma: David Dries (Univ. MN) Burn: Jeng (ABA) Hem/Onc: Weinstock (Harvard) Blood supply: Jed Gorlin Radiation Safety: Jennifer Stinchfield
2:30-3:00	Break	
The Future	Session Chair:	
3:00-3:15	Implementing Deployable Radiation Response Teams in an RDHRS	Frank Rutar (Nebraska Medicine)
3:15-3:30	NASA: protecting astronauts from radiation in deep space	NASA
3:30-3:45	Be The Match BioBank: An Expedited Pathway to Transplant and Improved Service for Recipients	Jeff Wren (Be The Match)
3:45-4:00	Existing means for clinical dose assessment and what the future holds	Bill Blakely (AFRRI)
4:00-4:15	Future of dosimetry or what is in the pipeline	Lynne Wathen (BARDA)
4:15-4:30	Practical implementation of Crisis Standards of Care to increase logistical capacity	Angela Leek (Iowa Dept. PH)
4:30-4:45	Technology as a force multiplier-call center management	Kevin Schlosser (Avera)
4:45-5:00	Technology as a force multiplier-single practitioner	Christian Otto (MSKCC)
5:00	Conclusion of Day 1	
5:00-7:00	Networking Reception - Cash Bar and Hors d'oeuvres (DoubleTree reception area)	



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Day 2		
8:00-9:00	Breakfast – Buffet in Hallway	
9:00-12:00	Track 1: Research Updates	Track 2: Operations
Topic & Session Chair:		Topic: & Session Chair:
9:00-9:15	Andrea DiCarlo: An Overview of Promising Radiation Medical Countermeasures Funded by the NIAID	Brent Kaziny: Weathering the Storm: Hurricane Harvey and Texas Children's Hospital
9:15-9:30	Michael Abend: Diagnostic triage after a mass radiation exposure event using early gene expression changes	Ibrahim Ahmed: Triage of Pediatric RITN Patients at NDMS Receiving Center by Pediatric Physicians and Radiation Officer to Facilitate Hospital vs. Ambulatory Admission-A Pediatric Physician Perspective
9:30-9:45	Neel Sharma: Delayed effects of acute radiation exposure in a hematopoietic acute radiation syndrome mouse model	Robin Carroll: Triage of Pediatric RITN Patients at NDMS Receiving Center: Remote Admission, Hospital Evacuation Tags and Camps-An Emergency Preparedness Perspective
9:45-10:00	Gregory Holmes-Hampton: BBT-059, a novel prophylactic radiation countermeasure as well as a mitigator for acute radiation injury.	Jay M. Johnson: Optimization, Risk, and Escalating Consequence; Aligning Efficiency and Risk Tolerance
10:00-10:15	Racheli Ofir: Prophylactic administration of placenta-derived PLX-R18 stromal cells mitigates H-ARS death and promotes BM and peripheral blood lineage recovery in a murine model	Nobuyuki Hirohashi: The role of Hiroshima University as the new radiation/nuclear emergency medical support center for the next disaster.
10:15-10:30	Paul Okunieff: Circulating Cell-Free DNA (cfDNA) Correlates with Integral Dose and Identifies Subjects Who Develop Gastrointestinal Toxicity	Timothy Adams: Quantitative Studies Supporting Predication, Diagnosis, and Treatment of Acute Radiation Syndrome
10:30-10:45	Steven G. Swarts: Fibroblast growth factors as mitigation agents of acute gastrointestinal syndrome	Miracle Okoye: Texas Children's Hospital Radiation Injury Functional Exercise: Lessons Learned
10:45-11:15	Break	
Topic & Session Chair:		Topic: & Session Chair:
11:15-11:30	Vidya Kumar: Protection from targeted radiation injury to lungs by Gamma tocotrienol (GT3) treatment	Mary Sproull: Radiation Biodosimetry: A Mass Screening Tool for Radiological/Nuclear Events
11:30-11:45	Shaowen Hu: NASA software	Doug DeVries: From runway to our front door - lessons learned from multiple exercises
11:45-12:00		Joe Lamana: NDMS Medical Cost Reimbursement
12:00-12:15		Ryan Buckner: (Invited) OST, Secure Transportation of Medical Materials
12:15-1:30 - Lunch – Buffet in Hallway		
Rejoin as One Group		



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Industry Update		Session Chair:
1:30-1:40	<i>Point of care biodosimeter for triage following a nuclear event (SRI)</i>	
1:40-1:50	<i>Sargramostim Improves Survival at Day 60 in a Non-Human Primate, Hematopoietic Acute Radiation Syndrome Model When Administered 48h after High Dose Total Body Irradiation (PartnerTx) Dr. Roychowdhury</i>	
1:50-2:00		
Education		Session Chair:
2:00-2:15	Generations to Guide and Borders to Bridge: The Evolution of Radiation (Disaster) Education in Japan	Ken Nollet (FMU)
2:20-2:40	Japanese Radiation Education Program Development	Nobuyuki Hirohashi (Hiroshima University)
2:40-2:55	If You Teach Them, They Will Come: A REAC/TS Survey of Emergency Response Personnel	Angie Bowen (REAC/TS)
2:55-3:10	The Medical and Nursing Workforce Radiation Knowledge and Attitude Assessment - Initial Findings	Tener Veenema (JHU)
3:10-3:30	Break	
Community Resiliency		Session Chair:
3:30-3:45	Unexpected public responses to disasters (Flint & Gulf Coast)	Capt. Renee Funk (CDC)
3:45-4:00	When you become the radiation disaster expert, like it or not!	Jessica Wieder (EPA)
4:00-4:30	Resiliency Speaker	Dan Dodgen (DHHS-ASPR)
4:30-4:40	Recap, Summary and Conclusion	

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