



The RITN is a cooperative effort of the National Marrow Donor Program® and the American Society for Blood and Marrow Transplantation.

## State of the Science Workshop: Radiation Exposure, Medical Countermeasures and Treatment

**Tuesday, October 11, 2011**  
**8:00 a.m. – 5:00 p.m.** (registration at 7 a.m.)  
Omni Chicago Hotel  
676 North Michigan Avenue, Chicago, IL 60611

### Plenary sessions:

“Where we are now and where we are going” (Richard Hatchett)  
Biodosimetry (Sally Amundson, Joseph Lucas & Harold Swartz)  
Supportive care/cytokines (Tom MacVitte)  
Hematopoietic reconstitution (Nelson Chao, Chandan Guha & John Chute)  
Immune system reconstitution (Marcel van den Brink)  
Gastrointestinal toxicity (Martin Hauer Jensen)  
Pulmonary toxicity (Zeljko Vujaskovic)  
Novel mitigators (Valerian Kagan & David Kirsch)  
Pros/Cons of autocollection for radiological responders (David Weinstock)

### Keynote Address:

**Dr. Robert Bazell, Health and Science Editor, NBC News, “The Japan Nuclear Crisis”**

### PROGRAM DESCRIPTION

Response to a radiological mass casualty incident will stress the capacity of the entire U.S. medical community. Through optimization of care and thoughtful planning, some of the resource gaps can be closed and resiliency improved.

Presentations will provide updates on research in the biology of radiation exposure, biodosimetry, supportive care, immune reconstitution and medical countermeasures.

### TARGET AUDIENCE

Physicians, and other clinicians, support staff, emergency managers, research scientists, and appropriate federal agency staff involved in radiation response and treatment of patients with bone marrow toxicity.

### EDUCATIONAL OBJECTIVES

- 1) Describe developments in the research of biological effects of exposure to ionizing radiation.
- 2) Explain currently available and research methods for measuring the dose of radiation absorbed by victims.
- 3) Outline organ system and systemic responses to ionizing radiation exposure.
- 4) Describe the impact of the Japanese Nuclear Power Plant incident on clinical and research infrastructure.
- 5) Discuss the path to preparedness for a mass casualty incident with injuries due to the exposure to ionizing radiation.

### Accreditation and Designation of Credit:

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Medical College of Wisconsin and National Marrow Donor Program. The Medical College of Wisconsin (MCW) is accredited by the ACCME to provide continuing medical education for physicians

The Medical College of Wisconsin designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Registration link : <http://www.surveymonkey.com/s/2011RITNWorkshop> (indicate any special needs here)