

PROGRAM

MONDAY, MAY 5, 2008

- 7:00 - 8:00 AM **Continental Breakfast and Registration**
- 8:00 - 8:15 AM **Welcome**
Sue C. Kaste, DO
- RADIATION SENSITIVITY**
- 8:15 - 8:55 AM **Epidemiology of Childhood Cancer - Descriptive Features and Radiation as a Risk Factor**
Martha Linet, MD, MPH
- 8:55 - 9:35 AM **Radiation Sensitive Genetically Susceptible Pediatric Sub-Populations**
Ruth A. Kleinerman, MPH
- 9:35 - 10:15 AM **Radiation-Associated Second Malignant Neoplasms in Childhood Cancer Patients - CCSS Experience**
Leslie L. Robison, PhD
- 10:15 - 10:30 AM **Break**
- IMAGING INDICATIONS - FROM THE PERSPECTIVE OF THE CLINICIAN/CLINICAL RESEARCHER**
- 10:30 - 11:10 AM **Imaging Needs in Phase I Pediatric Therapy Trials While Conserving Radiation Exposure**
Peter C. Adamson, MD
- 11:10 - 11:50 AM **COG: What, Why and When We Image**
Gregory H. Reaman, MD
- 11:50 AM - 12:30 PM **Dosimetry of FDG PET and PET/CT and Other Molecular Imaging Applications in Pediatric Patients**
Michael J. Gelfand, MD
- 12:30 - 2:00 PM **LUNCHEON AND KEYNOTE ADDRESS**
Radiation Biology for Pediatric Radiologists
Eric J. Hall, DPhil, DSc

The ALARA* Concept in Pediatric Imaging
ONCOLOGY

*As Low as Reasonably Achievable

2:00 - 2:40 PM	<p>How Imaging and Therapeutic Radiation Exposures Compare: Impact of New RT Techniques on Imaging Demands Larry E. Kun, MD</p> <p>TAKING CONTROL OF IMAGING EXPOSURES</p>
2:40 - 3:20 PM	<p>Controlling Radiation Exposure During Interventional Procedures in Childhood Cancer Patients John M. Racadio, MD</p>
3:20 - 3:35 PM	<p>Break</p>
3:35 - 4:05 PM	<p>Imaging Challenges in Pediatric Oncology U.S. Perspective Sue C. Kaste, DO</p>
4:05-4:35 PM	<p>Imaging Challenges in Pediatric Oncology European Perspective Oystein E. Olsen, MD</p>
4:35 - 5:10 PM	<p>Panel Discussion</p>
5:10 - 5:30 PM	<p>Summary and Adjournment Sue C. Kaste, DO</p>