

# PET-RTRC Scientific Session



## **Precision Imaging** *Keynote Lecture*

**Martin G. Pomper, MD**  
Henry N. Wagner Jr., MD, Professor of  
Nuclear Medicine  
Johns Hopkins Medicine

Martin G. Pomper, MD, is a professor of oncology and radiation oncology and the director of nuclear medicine and molecular imaging at Johns Hopkins Medicine. Pomper is an internationally recognized leader in molecular imaging research and develops and implements new imaging agents. His areas of interest include the development of new radiopharmaceuticals, optical probes and techniques for molecular imaging of cancer and central nervous system diseases. Pomper has numerous patents related to medical imaging, many of which have been licensed, as well as several imaging agents in clinical trials.



## **Experiences in Industry Initiated Clinical Trials**

**Tammie L.S. Benzinger, MD**  
Professor of Radiology  
Washington University School of Medicine

Tammie Benzinger, MD, PhD, professor of radiology and neurological surgery, serves as the director of Neuromagnetic Resonance Imaging and Advanced Imaging Techniques. Benzinger's research group, part of MIR's Neuroimaging Laboratories, studies Alzheimer's disease, mild cognitive impairment, autosomal dominant Alzheimer's disease and related disorders. She uses PET and MRI imaging to investigate biomarkers she believes will become significant tools in detecting and diagnosing degenerative brain diseases before symptoms occur. In 2018, Benzinger received the Women in Neuroradiology Leadership Award from the American Society of Neuroradiology.



## **Commercializing PET Radiopharmaceuticals: CMS/Reimbursement Issues**

**Barry A. Siegel, MD**  
Professor of Radiology  
Washington University School of Medicine

Barry Siegel, MD, is a professor of radiology and medicine, and former senior vice chair and division director of nuclear medicine. Siegel's Washington University career spans more than 55 years, beginning as an undergraduate and leading up to a faculty appointment in 1973. His groundbreaking work using PET to enhance cancer diagnosis and monitor tumor response to therapy has culminated in numerous awards, including the prestigious Georg Charles de Hevesy Nuclear Pioneer Award and a Lifetime Achievement Master Physician Award from the Barnes-Jewish Hospital Medical Staff Association.



## **Translation of Cancer-Imaging Radiopharmaceuticals at Washington University**

**Farrokh Dehdashti, MD**  
Drs. Barry A. and Marilyn J. Siegel  
Professor of Radiology  
Washington University School of Medicine

Farrokh Dehdashti, MD, is the Drs. Barry A. and Marilyn J. Siegel Professor of Radiology and senior vice chair and division director of nuclear medicine. Her research focuses on PET imaging for cancer diagnosis and treatment, with applications across many cancers, including cervical, pancreatic, prostate and breast. Dehdashti has conducted first-in-man studies of several novel PET diagnostic compounds and has advanced PET usage for both tumor detection and predicting treatment response. Earlier in her career, she proved that PET could accurately and noninvasively predict response to endocrine therapy.