

## 2012 Annual Report Molecular Imaging Committee

The Molecular Imaging Committee (MIC) was created in response to advances and opportunities in the emerging field of molecular imaging (MI) to develop and oversee appropriate RSNA programs and activities. Through its various activities, the MIC continues to focus on reaching out to practicing clinicians to provide useful information about MI.

The MIC held an in-person meeting during RSNA 2011 and met again by teleconference in February 2012. MIC organized and supported a number of educational activities in 2012 including an educational session for the World Molecular Imaging Congress, convened in Dublin, Ireland, in September 2012. This 90-minute RSNA-sponsored session was attended by approximately 100 people and addressed *Challenges and Barriers Beyond Proof-of-Principle* for nuclear, magnetic resonance and optical imaging methods and molecular imaging agents.

A Molecular Imaging Strategic Planning Subcommittee was formed at the November 2011 MIC Meeting and has since met several times via teleconference, chaired by Dr. Satoshi Minoshima. This subcommittee is working on a 5-year strategic plan to address mainstreaming MI at RSNA and integrating MI into the radiology community. As a first step toward an effective transition, the group is considering education efforts to be implemented for RSNA 2013. It is anticipated that recommendations will be brought to the MIC for discussion at the in-person meeting during RSNA 2012.

For the 2012 RSNA Meeting three sessions of the “Emerging Technologies” track will focus on molecular imaging topics:

- Essentials of Molecular Imaging and Systems Diagnostics for Clinical Radiologists
- Cardiovascular Imaging in the Era of Molecular Medicine
- Musculoskeletal Imaging in the Era of Molecular Medicine

In addition, a day-long multi-session course is being held at RSNA 2012, made up of the following sessions:

- Molecular Oncology Meets Molecular Imaging: What can Radiologists Expect?
- Perspectives on the Near-Term Role of Molecular Imaging from Industry and the Public
- CNS—Molecular Imaging Developments and Opportunities in Neuro-oncology
- Liver Disease—Molecular Pathology, Paradigm Shifts and Molecular Imaging  
Molecular Imaging in Brain Disorders

Molecular Imaging Travel Awards were made to the following young researchers:

Abdel Tahari, MD	Johns Hopkins University
Eva Carolina Serrao, MD	Cambridge Research Institute
Silun Wang, MD , PhD	Johns Hopkins Medicine
Christian Buchbender	University Dusseldorf, Medical Faculty
Fijs van Leeuwen	Leiden University Medical Center
Kenneth Hoyt, PhD	University of Alabama Birmingham
Juergen Willmann, MD	Stanford University Medical Ctr

Balaji Ganeshan, PhD  
Qiaoyun Shi  
Stefan Forster  
Caroline Jung, MD  
Huaijun Wang, MD, PhD  
Jihong Sung, MD, PhD  
Zhe Wu, PhD  
Anchisa Kunawudhi, MD

University College Hospital London  
Stanford University  
Technical University Munich  
University Hospital Hamburg  
Stanford University  
Zhejiang University, School of Medicine  
University of California San Diego  
Massachusetts General Hospital

The MIC would like to thank all its members and other volunteers who have contributed to its efforts.

Steven M. Larson, MD, PhD  
Chair, Molecular Imaging Committee