

## **2013 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 two in-person meetings over the last year; one during RSNA 2012, and a second in March 2013. The MIC organized and supported a number of educational activities in 2013, including an educational session for the World Molecular Imaging Congress, convened in Savannah, GA, in September 2013. This early-morning 90-minute RSNA-sponsored session on *MR Spectroscopic Molecular Imaging* was attended by approximately 45 people.

In June of this year the Board approved the recommendations of the MI Strategic Planning Subcommittee. Education and outreach are the main components of the 3-5 year strategic for mainstreaming MI into radiologic practice, including the following, which will be discussed in more detail at the MIC meeting at RSNA 2013:

- **1/2-day Roundtable Discussion for RSNA 2014:** This would be an opportunity for MI Societies to work together, increase awareness and coordinate efforts in integrating MI into clinical practice
- **Outreach to Other Professional Societies:** The role of RSNA and other MI societies is to facilitate translational and clinical implementation of MI. The value of collaboration with other societies is educational exchange and complementing respective strengths
- **Stand-alone Workshop on Translational MI Research:** Themes and ideas will be discussed at the December MIC meeting. It is expected that the best success will likely be gained by identifying a focused educational topic

The Emerging Technologies track at RSNA 2013 will cover a number of MI topics, including PET-MR/Hyperpolarized MR and Quantitative CT and MR Perfusion Imaging

The day-long MI Multi-session course will be made up of the following sessions:

- Preparing for Tomorrow: The Application of Novel and Advanced Imaging in Clinical Oncology
- Radiogenomics: The Next Logical Step in “Rad-Path” Correlation for Clinical Imaging?
- Imaging Cellular Subpopulations-Current Progress and Future Directions
- Molecular Brain Imaging: From Research to Clinical Applications

Molecular Imaging Travel Awards were made to the following young researchers in support of their travel to the RSNA Annual Meeting to present their scientific work:

Steven B. Machtaler, PhD	Stanford University
Leo L. Tsai, MD, PhD	Beth Israel Deaconess Medical Center
Kenneth L. Gage, MD, PhD	John Hopkins Hospital
Rahul A. Sheth, MD	Massachusetts General Hospital
Ferdinand Knieling	Stanford University
Donna J. Cross, PhD	University of Washington
Benjamin Pulli, MD	Massachusetts General Hosp Harvard Med School
Fijs Van Leeuwen	Leiden University Medical Center
Sean X. Yan, MD	Singapore General Hospital
Adam J. Shuhendler, PhD	Stanford University
Shadi A. Esfahani, MD, MPH	Massachusetts General Hospital
Michel Eisenblaetter, MD	Kings College London
Christoph Schleich	University Dusseldorf, Medical Faculty
Pedram Heidari, MD	Massachusetts General Hospital
Anita Kiani	CHU Rennes

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