

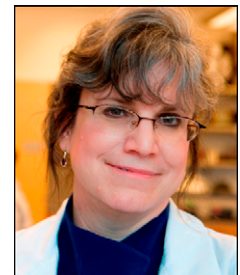
## Neuroimaging Symposium Planned at NIH

The SNM Molecular Imaging Center of Excellence is sponsoring a 2-d Molecular Neuroimaging Symposium on May 6 and 7 at the National Institutes of Health (NIH). The symposium will bring together molecular imaging professionals from multiple scientific disciplines—including chemistry, materials science and engineering, biophysics, molecular and cellular biology, cellular neurophysiology, molecular/developmental neurobiology, and cellular, metabolic, and genetic imaging sciences—with the goal of promoting the emerging field of translational molecular neuroimaging. This meeting is being organized as a follow-up to a similar conference held at NIH in 2009 that focused on cardiovascular molecular imaging. Both programs were designed to attract individuals from the basic science and clinical communities, with an emphasis on clinical translation. Momentum from the successful 2009 meeting should help us continue to stimulate interest in the promising field of translational molecular neuroimaging. To encourage the broad participation of scientists in this new field, the meeting will include a poster abstract session, to be held during a reception, and a dinner for abstract award winners on Thursday evening.

Session topics will include: molecular imaging techniques: intraoperative and preclinical imaging application; nanotechnology for central nervous system (CNS) diagnostics/therapeutics; overcoming the blood-brain barrier: imaging agent delivery to the CNS; stem cell therapeutics and adoptive immunotherapies of brain tumors; molecular imaging advances in the evaluation of primary brain tumors; imaging biomarkers for detection and monitoring progression of neurodegenerative disorders/dementia; and psychiatric/neurobehavioral research. Keynote speakers and their topics will include William M. Pardridge, MD, University of California, Los Angeles (UCLA): Re-engineering biopharmaceuticals  
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for delivery to brain with molecular Trojan horses; Nora Volkow, MD, NIH/National Institute on Drug Abuse: PET and functional MR imaging of addiction; Michael Phelps, PhD, UCLA: Translating metabolic assays into molecular imaging diagnostics; Edward Neuwelt, MD, Oregon Health and Science University: Strategies to overcome the blood-brain barrier for treatment of brain tumors; and Jeffrey R. Petrella, MD, Duke University Medical Center: Imaging genetics of brain longevity and mental wellness.

Please consider joining us for this 2-d agenda addressing breakthrough advances and developments in

this exciting field. You may wish to also pass this information along to colleagues who might be interested in attending this symposium. For more information on the program and the meeting, see [www.snm.org/brain2010](http://www.snm.org/brain2010).

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