

Summit Explores Issues in Nanomedicine and Molecular Imaging

SNM and the Molecular Imaging Center of Excellence (MICoE) continue to probe the boundaries of molecular imaging. The 2010 SNM Conjoint Mid-Winter Meetings in Albuquerque, NM, will include the fourth annual Molecular Imaging Summit, this year focusing on Nanomedicine and Molecular Imaging. The summit will run from Sunday, January 31, through Monday, February 1, 2010. New applications for nanotechnology in medicine are being discovered at a tremendous pace; however, the health, safety, and environmental issues that are arising almost as quickly must be addressed before these applications can translate into meaningful benefits to patients. Noninvasive imaging technologies have the potential to accelerate this process.

This year's summit will examine some of the key issues related to the rapid growth and evolving science of nanomedicine. The meeting will explore ways in which

molecular imaging and therapy currently use nanotechnology as well as how these methods can facilitate advancements in the understanding and proper management of nanomaterials both for the environment and human health.

This fourth summit brings together more than 20 academic, government, and industry experts from across a spectrum of disciplines. Day 1 will feature sessions on nanomaterials for nanomedicine and lifecycle analysis, including discussions of the design of the materials themselves and the basic science of nano transport, stability, retention, and fate. Day 2 will begin with



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a regulatory and risk management perspective from both the United States and Canada. Two additional sessions will be dedicated to understanding the current and potential use of nanomaterials in the diagnosis and treatment of disease and the potential benefits, advantages, and risks of using nanoparticles as a therapeutic delivery system.

Registration for the summit is now open, and special pricing has been designed to encourage participation by residents and scientists in training. For registration, more information, and the full agenda, see www.snm.org/mwm.

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