



Press Release

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SUMMIT ON NANOTECHNOLOGY, MATERIALS, AND THE FUTURE OF MEDICINE TO BE HOSTED BY CLEVELAND CLINIC, ASM AND NANO-NETWORK

Materials, Medicine, and Nanotechnology Summit to Open Nano-Week™ 2006, Oct. 2-6 in Cleveland

CLEVELAND (July 12) – Innovators in medical devices, clinical practice, and biomedical research will gather at Cleveland Clinic October 2-5 to discuss the latest materials advances and nanotechnology discoveries and how they are resulting in new medical applications.

The Materials, Medicine, and Nanotechnology Summit will be hosted by Cleveland Clinic, ASM International, and the Nano-Network as the anchor event of Nano-Week™ 2006, a five-day exploration of how nanotechnology is changing our world. The Summit is comprised of the biennial Cleveland Clinic NanoMedicine Summit and ASM's Materials & Processes for Medical Devices (MPMD) Conference and Exposition.

The Summit will take place at the InterContinental Hotel & MBNA Conference Center-Cleveland, located on the Clinic's campus. Agenda and registration information can be found at <http://www.nanomedicinesummit.org>.

“This Summit is unique because it brings together materials experts, nanotechnology researchers, the engineers who design medical devices, and the practicing clinicians who use these devices and judge their efficacy in patients,” said Shuvo Roy, Ph.D., Co-Director of BioMEMS Laboratory at Cleveland Clinic. “By facilitating open discussion, this meeting will identify challenges and solutions that can accelerate the medical adoption of advanced materials and nanotechnology into clinical applications.”

The Summit will be valuable for academic nanotechnology scientists, medical device engineers, biomedical scientists, medical entrepreneurs, and corporate R&D managers who want to gain clinical perspective and identify opportunities for collaboration, Dr. Roy said. Physicians from a variety of specialties, including cardiac and vascular medicine, neurological diseases, and orthopedic and spine disorders, will also find the meeting useful in understanding how nanotechnology and materials are affecting the roadmap for the future of medicine.

Monday, October 2, will feature courses developed by ASM International and the International Organization on Shape Memory and Superelastic Technologies (SMST). Designed for engineers and physicians who work with medical devices, the following materials and process-related courses will be offered with CME accreditation: Polymers for Medical Device Design; Basic Metallurgy for Medical Devices; Nitinol for Medical Devices; and Fracture, Fatigue, and Corrosion for Medical Devices.

Tuesday, October 3 through Wednesday morning, October 4, Cleveland Clinic and ASM will offer blended technical programming covering the spectrum of materials-related challenges in orthopedics, cardiovascular, neurology, nanotechnology, orthopedic tissue engineering, and minimally invasive surgery.

Wednesday afternoon through Thursday, October 5, the Summit evolves into a Nanomedicine track focused on biomedical sensors, commercialization, drug delivery, nanoscale diagnostics and clinical opportunities. A parallel program track on Materials and Processes for Medical Devices will recognize the role of materials selection and processes in the development of new devices.

“By the end of the Summit, we will understand the latest advances in materials, bioMEMS, and nanotechnology relevant to medical applications, and will have a clear picture of high-impact and near-term opportunities for nanotechnology in medicine,” Dr. Roy said. “At the same time, our attendees will have a new awareness of the role of materials selection and processes in the development of medical devices.”

About Cleveland Clinic:

Cleveland Clinic, located in Cleveland, Ohio, is a not-for-profit multispecialty academic medical center that integrates clinical and hospital care with research and education. Cleveland Clinic was founded in 1921 by four renowned physicians with a vision of providing outstanding patient care based upon the principles of cooperation, compassion and innovation. U.S. News & World Report consistently names Cleveland Clinic as one of the nation's best hospitals in its annual "America's Best Hospitals" survey. Approximately 1,500 full-time salaried physicians at Cleveland Clinic and Cleveland Clinic Florida represent more than 100 medical specialties and subspecialties. In 2005, patients came for treatment from every state and 100 countries. Cleveland Clinic website address is www.clevelandclinic.org.

About ASM International:

Headquartered in Northeast Ohio, ASM International is the world's leading society serving the materials science and engineering community, with more than 38,000 members worldwide. ASM provides authoritative information and knowledge on materials and processes -- from the structural to the nanoscale. Information on materials is obtained from wherever in the world it is available and distributed wherever in the world it is needed through ASM conferences and expositions, publications and handbooks, seminars and training, and www.asminternational.org.

About the Nano-Network:

The Nano-Network was formed by scientists, entrepreneurs and financiers to improve and expand nanotechnology research and commercialization activities and capacities in Northeast Ohio, and throughout the nation. The Nano-Network is one of the largest and best-known privately funded, "grass roots" nanotechnology organizations in the U.S. The Nano-Network is currently managed by NorTech (www.nortech.org), a regional economic development organization focused on innovation, technology and entrepreneurship in Northeast Ohio. NorTech's relationship with the

Nano-Network provides the group with structure, contacts and resources to further promote nanotechnology in Ohio and the United States. www.nano-network.org

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