

Thursday, August 11

Field B - Grand Ballroom B

- 07:00a Registration Open & Breakfast
- 08:00a Plenary Session: Dr. Mihail Roco
- 08:45a Break and Poster Visitation
- Morning Session 1 - In vivo studies (2.A)  
Pulmonary and dermal effects (2.I) - Mark Hoover
- 09:15a **The Retention of Long, but not Short, Carbon Nanotubes leads to Inflammation and Progressive Fibrosis in the Pleural Space of Mice**  
F. A. Murphy, K. Donaldson (*University of Edinburgh, United Kingdom*)
- 09:30a **In Vitro And In Vivo Toxicity of Small Size Iron Oxide Nanoparticles**  
A. Hanini (*Paris Diderot University, France*)
- 09:45a **Circulating Fibrocytes Contribute to Single-walled Carbon Nanotube Induced Pulmonary Fibrosis**  
M. Liu, C. Chen, C. Chang (*National Cheng Kung University, Taiwan*)
- 10:00a **Nanoparticles from Photocopiers Induce Upper Airway Inflammation in Exposed Controls and Chronically Exposed Workers**  
M. Khatri, D. Bello, P. Gaines, J. Martin, T. Gassert, S. Woskie (*University of Massachusetts Lowell, United States*)
- 10:15a **Biodistribution, Biopersistence and Tissue Histopathology of Fluorescence Labeled Single Wall Carbon Nanotubes Administered to Pregnant Mice**  
L. Campagnolo, M. Massimiani, G. Palmieri, M. Mattei, S. Adanti, A. Magrini, A. Neri, G. Siracusa, A. Bergamaschi, M. Bottini, A. Pietroiusti (*University of Rome Tor Vergata, Italy*)
- 10:30a Break and Poster Visitation
- Morning Session 2 - In vitro studies (2.B) - Craig Poland
- 10:45a **Cellular Effects of Nanosilver in Human Macrophages: Uptake, Oxidative Stress, Lipid Alterations and Functional Impairment**  
A. Haase, J. Tentschert, P. Graf, A. Mantion, F. Draude, H. Jungnickel, S. Galla, J. Plendl, H. F. Arlinghaus, A. F. Thuenemann, A. Taubert, A. Luch (*Federal Institute for Risk Assessment (BfR), Germany*)
- 11:00a **Cytotoxicity and Biological Responses of Silver Nanoparticles and Gold Nanoparticles in Caco-2 Cells**  
S. Aueviriyavit, D. Phummiratch, K. Kulthong, R. Maniratanachote (*National Nanotechnology Center, Thailand*)
- 11:15a **Effect of Functionalized Quantum Dots on Neural Stem Cell Development**  
T. L. Oreskovic, N. S. Goldstein, K. M. Jeerage (*National Institute of Standards and Technology, United States*)
- 11:30a **In Vitro Cytotoxicity and Uptake of Manufactured Gold Particles**  
M. Vetten, M. Gulumian (*National Institute for Occupational Health – National Health Laboratory Services, South Africa*)