

Afternoon Session 2 - Adsorption, distribution, de-agglomeration, metabolism and secretion studies (2.E)

Dose selection and characterization (2.G) - Christie Sayes

- 03:45p **Correlation Between the Stability of Sub-10 Nm Nanoparticles in Cellular Media and their Uptake by Living Cells**
J. Berret, M. Safi, J. Courtois, M. Yan (*Paris Diderot University, France*)
- 04:00p **Comparative Effects of Metal Oxide Nanoparticles on the Permeability of Human Airway Epithelial Cells**
E. Bergamaschi, B. Rotoli, O. Bussolati, L. Migliore, S. Di Bucchianico, P. Reip, A. Costa (*University of Parma Medical School, Italy*)
- 04:15p **Bio-distribution of C60 Fullerene Injected into the Rat Tail Vein**
T. Nishimura, R. Kubota, M. Tahara, K. Shimizu, T. Obama, A. Hirose, N. Sugimoto (*National Institute of Health Sciences, Japan*)
- 04:30p **Tuning Bioreducible Films Coated on Au-Nanoparticles for Efficient DNA Delivery Systems**
J. Blacklock, A. Vetter, H. Moehwald, K. Jeerage (*National Institute of Standards and Technology, United States*)
- 04:45p **Investigating Nano-Titanium Dioxide-Induced Biochemical Changes in Cyanobacteria**
C. Cherchi, A. Z. Gu (*Northeastern University, United States*)
- 05:00p **End of Day - Registration Closes**

Wednesday, August 10

Field C - Grand Ballroom C

- 06:00a **Registration Open & Breakfast**
- 08:00a **First Day Welcome**
- 08:15a **Plenary Session: Dr. John Howard**
- 09:00a **Break and Poster Visitation**

Morning Session 1 - Characterization of environmental exposure (3.A)

Environmental release and control (3.B)

Fire and explosion (1.H) - Laura Hodson

- 09:30a **Determining Nanoparticle Purity and the Presence of Nanoparticle Surface Coatings through Elevated Temperature Qcm**
E. Mansfield, K. Seby (*National Institute of Standards and Technology, United States*)
- 09:45a **Influence of Accelerated Ageing Tests on the Measurement of Nanoparticle Release from Paints into Air and Water**
L. Golanski, A. Guiot, F. Tardif, S. Zuin, G. Pojana, A. Marcomini, A. Ferrari, D. Cervellati (*Alternative Energies and Atomic Energy Commission (CEA), France*)
- 10:00a **Potential Explosive Hazard of Carbonaceous Nanoparticles--Allotropic Survey**
L. A. Turkevich, A. Dastidar, J. Fernback (*National Institute for Occupational Safety and Health, United States*)