

1.E Material containment and exposure control techniques

PA-39 **Evaluation of the Effectiveness of the Labconco Nanoparticulate Enclosure in Protecting Operator Safety**

O. Nolan, C. Tsai, M. Ellenbecker (*Labconco Corporation, United States*)

PA-40 **Field Evaluation of Emission Controls for the Processing of Nanographene Materials**

L. Lo, I. Bartholomew, D. Almaguer, W. Heitbrink, D. Hammond, J. Topmiller
(*National Institute for Occupational Safety and Health, United States*)

1.G Approaches to risk assessment and management including hazard and control banding

PA-41 **Occupational Risk Management of Advanced Nanomaterials**

V. Murashov (*National Institute for Occupational Safety and Health, United States*)

PA-42 **Issues in Establishing Categorical Occupational Exposure Limits for Nanomaterials**

P. A. Schulte, E. D. Kuempel, V. Castranova, C. L. Geraci, M. D. Hoover, A. Stefaniak, L. Hodson, R. Zumwalde, V. Murashov (*National Institute for Occupational Safety and Health, United States*)

PA-43 **Easy-to-use Nano Control Banding Tool for Risks Related to Working with Nanomaterials: Stoffenmanager Nano**

H. Heussen, W. Fransman, K. Verbist, B. Duuren-Stuurman (*ArboUnie, Netherlands*)

1.I Personal protective equipment

PA-44 **Laboratory Fit Evaluation of N95 Filtering Facepiece Respirators Against Nanoparticles and "All Size" Particles**

Z. Zhuang, M. Bergman, B. Eimer, R. Shaffer (*National Institute for Occupational Safety and Health, United States*)

2.A In vivo studies

PB-01 **Cytotoxicity of Multi-wall Carbon Nanotubes Depends on the Route of Administration**

V. Firstova, O. Polezjaeva, V. Gerasimov, V. Potapov (*State Research Center for Applied Microbiology & Biotechnology, Russian Federation*)

PB-02 **Carbon Nanotubes Show High Bone Tissue Compatibility**

Y. Usui, K. Aoki, M. Shimizu, N. Ishigaki, K. Nakamura, H. Haniu, H. Kato, S. Taruta, M. Endo, N. Saito (*Shinshu University, Japan*)

PB-03 **Prenatal Exposure to Low Dose Rutile-Type Titanium Dioxide Impairs Mouse Spermatogenesis**

K. Takeda, M. Kubo-Irie, H. Uchida, Y. Yoshida, Y. Shinkai, K. Suzuki, S. Oshio (*Tokyo University of Science, Japan*)

PB-04 **Toxicokinetic of Uranium Nanoparticles after Inhalation in Rats**

F. Petitot, P. Lestaevel, E. Tournalias, C. Mazzucco, S. Jacquinet, B. Dhieux, O. Delissen, B. Tournier, F. Gensdarmes, I. Dublineau (*Radioprotection and Nuclear Safety Institute, France*)

PB-05 **Life Cycle Imaging of Drosophila Melanogaster Under Oral Ingestion of Water Soluble Carbon Quantum Dot**

S. Sarkar, S. Sonkar (*Indian Institute of Technology, India*)