

- 11:15a **Nanoparticles and Atherosclerosis: Resolving the Paradox**
J. B. Raftis, A. J. Lucking, D. E. Newby, K. Donaldson, N. L. Mills, R. Duffin
(University of Edinburgh, United Kingdom)
- 11:30a **Effects of Serum Adsorption on the Biological Impact of TiO₂ Nanoparticles on Human Lung Cells in Vitro**
R. Tedja, M. Chakravarthy, C. Marquis, M. Lim, R. Amal (University of New South Wales, Australia)
- 11:45a **Interactions Between Magnetic Nanowires and Living Cells : Uptake, Toxicity, Degradation and Micro-rheology**
J. Berret, M. Safi, M. Yan, M. Guedeau-Boudeville, H. Conjeaud, R. Colin, B. Abou
(Paris Diderot University, France)
- 12:00p **Interactions Between Iron Oxide Nanoparticles and Human Lymphoblastoid Cells Studied by Flow Cytometry**
J. Berret, M. Safi, M. Seigneuret, H. Conjeaud (Paris Diderot University, France)
- 12:15p **Long, Fibrous Carbon Nanotubes Activate the NLRP3 Inflammasome in Human Macrophages and Induce Neutrophilia in Mice Lungs after Intratracheal Administration In Vivo**
J. Palomäki, E. Rossi, K. Savolainen, S. Matikainen, H. Alenius (Finnish Institute of Occupational Health, Finland)
- 12:30p **Lunch**
- Afternoon Session 1 - Carcinogenicity and genotoxicity (2.H) - Gaku Ichihara
- 02:00p **Nanogenotox : European Joint Action on Safety Evaluation of Manufactured Nanomaterials by Characterisation of their Potential Genotoxic Hazard**
A. Cadene, N. Thieriet, F. Etoe (Agency for Food, Environmental and Occupational Health and Safety (ANSES), France)
- 02:15p **Investigation of Nanomaterial-induced Oxidative Lesion Formation in DNA Using Biological Models Of Increasing Complexity**
B. J. Marquis (National Institute of Standards and Technology, United States)
- 02:30p **Nanosized Titanium Dioxide - a Genotoxic Carcinogen?**
H. Norppa, G. C. M. Falck, H. K. Lindberg, K. S. Hannukainen, J. Koivisto, S. Suhonen, H. Järventaus, J. Catalán, K. Savolainen (Finnish Institute of Occupational Health, Finland)
- 02:45p **Genotoxicity of Nanomaterials: a Comparative Study Between Prokaryotes and Eukaryotes**
J. Lan, N. Gou, A. Gu (Northeastern University, United States)
- 03:00p **Alteration of Long Carbon Nanotube Mesothelial Response using Surface Modification**
C. A. Poland, A. Higginbotham, M. Boyles, A. Leonard, V. Stone, J. Tour, K. Donaldson (The Institute of Occupational Medicine, United Kingdom)
- 03:15p **Lack of Promoting Effect of Nano-scale Titanium Dioxide Particles on Skin Carcinogenesis Sensitive C-ha-ras Proto-oncogene Transgenic Rat and Mice**
H. Tsuda, J. Xu, M. Suzui, M. Futakuchi, K. Fukamachi, D. B. Alexander, Y. Sagawa, S. Tamano, Y. Ikarashi, T. Nishimura, A. Hirose, J. Kanno (Nagoya City University, Japan)
- 03:30p **Break and Poster Visitation**