

*The Royal Society of Chemistry
Toxicology Group
ESED*

RSC | Advancing the
Chemical Sciences

**ROLE OF METALS IN THE TOXICITY
OF NANOPARTICLES; INFORMING THE
REGULATION OF NANOPARTICULATE
SAFETY**

*Royal Society of Chemistry
Burlington House, Piccadilly, London*

24th June 2011

Preliminary Programme

- 10.00 *Registration and coffee*
- 10.30 **Andrew Smith, MRC**
Introduction
- 10.45 **Professor Ken Donaldson, Edinburgh**
Zeta potential and solubility of metal oxide nanoparticles as
structure/toxicity relationships for lung inflammation
- 11.20 **Professor Terry Tetley, Imperial**
Title to be arranged
- 11.55 **Professor Jaime Lead, Birmingham**
Silver nanoparticles Title to be arranged
- 12.40 *Lunch*
- 1.45 **Professor Frank Kelley, King's College**
Title to be arranged
- 2.20 **Dr Sharon Doak, Swansea**
Iron oxide nanoparticles and their genotoxic mechanisms
- 2.55 **Dr Charles Case**
CoCr nanoparticles and their effects *in vitro* and *in vivo*.
- 3.30 *Tea*
- 3.45 Workshop discussion.
- 4.15 *Finish*