HESI Webinar

GENOTOXICITY OF NANOMATERIALS

February 9, 2009
10:30 am – 12:00 pm (US Eastern)

Moderator:

Raymond M. David, PhD, DABT
(BASF Corporation)
Chair, HESI Project Committee on Nanomaterial Environmental, Health and Safety
Purpose

Provide a state-of-the-science review of the published literature on genotoxicity testing of nanomaterials

- Are existing and validated *in vitro* and *in vivo* assays appropriate?
- Which assays should be used?
- What technical issues are associated with delivery of nanomaterials in the test systems?

Webinar Format

- Presentations by 2 speakers (30 minutes each, including Q&A)
- Panel discussion (20 minutes)
- Outcome: Recommendations regarding genotoxicity testing of nanomaterials
Confirmed Participants
(approximately 50 invited)

**Industry** (France, Germany, UK, US)
- Pharmaceutical
- Consumer products
- Chemical

**Government**
- **US**: FDA, NIEHS, CPSC, National Cancer Institute
- **Canada**: Health Canada
- **Italy**: European Commission, JRC
- **Japan**: National Institute of Health Sciences
- **Germany**: BfR Federal Institute for Risk Assessment
- **The Netherlands**: TNO

**Academia** (Denmark, Russia, UK, US)
- University of Copenhagen (Denmark)
- University of Rochester (US)
- University of Surrey (UK)
- School of Medicine, Swansea University (UK)
- Medical University, Kazan (Russian Federation)
Speakers

Dr. Robert Landsiedel (BASF SE)
- Genotoxicity of Nanomaterials: Appropriate Testing Methods and Preparation of the Test Material

Dr. Steffen Loft (University of Copenhagen)
- In Vivo / In Vitro Associations of Oxidative Stress-Induced Genotoxicity of Nanomaterials
Asking Questions
(“Chat Box”)

As you listen to each presentation, you may have questions or comments.

How to ask questions:

• Type your question/comment in the “chat box” in the lower right column.
• Questions will be taken in the order submitted.
• Time may not be available for all questions.
Post-Webinar Availability of Presentations

PDF versions of the presentations (as approved by the two speakers) will be made available post-webinar to participants.
HESI anticipates writing a brief summary paper for publication in a scientific peer-reviewed journal. When this publication becomes available, webinar participants will be notified.