

President's Message

Dear Fellow Nanotoxicology Specialty Section Members,

First, my best wishes for a happy new year!

We have had a busy and interesting year in 2010, and I look forward to continued activity in our specialty section. I thought that I would provide an update on events that occurred in 2010 and news for 2011 – both for the Annual Meeting (March 6-10, 2011) and for forthcoming activities in our Specialty Section.

Here are some impressive facts:

- In 2010 – (in only our third year of existence) the Nanotoxicology Specialty Section had 287 members!
- For the 2011 Annual SOT Meeting, there were > 155 abstracts submitted that requested inclusion into a Nanotoxicology subject theme, a fantastic response of our membership.
- This will be the largest SOT Annual Meeting ever – with > 2800 abstracts submitted.

In this issue of the Newsletter, I have posted the schedule of Nanotoxicology Workshops, Symposia, Roundtables, Platform and Poster sessions for the upcoming 2011 Annual Meeting so that you can have advanced information in planning your time schedule for the Meeting. Please note that, unlike in past years, **the Nanotoxicology Specialty Section Meeting is scheduled for Sunday night, March 6 at 6:30 pm**. This is a departure from the schedule of past meetings (which usually begin on Monday morning), and the schedule has been altered to accommodate the special activity events associated with the SOT 50th anniversary. I plan to have a discussion about initiating a Nanotoxicology Specialty Section Endowment Fund at our meeting on Sunday night.

Here is some additional information for Nanotoxicology Specialty Section members:

- The Nanotoxicology Specialty Section Nominations Committee will be developing officer candidates to run for election during the January/February time frame. If you are interested in running or nominating someone for one of the following positions (Vice President-elect; Secretary/Treasurer; Councilors (2); Postdoctoral Councilor; or Student Councilor) please contact the chair of the Nominations committee – Justin Teeguarden (justin.teeguarden@pnl.gov).

Officers

President

David Warheit

President-Elect

Justin Teeguarden

Past President

Annette Santamaria

Vice President

Joyce Tsuji

Secretary/Treasurer

Steve Roberts

Councilors

Nigel Walker

Christie Sayes

Student

Representative

Eric Liberda

Postdoctoral

Representative

Yongbin Zhang

2010 Annual Meeting: Meeting Highlights



Nigel Walker (left) and David Warheit (right) provided a spirited debate on whether or not to require a standard set of nanomaterial characteristics for publication of nanotoxicology studies.



Annette Santamaria (right) presents the Graduate Student Award to Ofek Bar-IIan from the University of Wisconsin (Photoactivated Titanium Dioxide Nanoparticles Induce Toxicity Through an Oxidative Stress Mechanism in Zebrafish Embryos, Abstract No. 2065, Platform Wednesday 1:30 pm, Metals and Metal Oxide Particles).

*Annette Santamaria (right) presents award for Best Publication to Jae Hyuck Sung, College of Veterinary Medicine, Seoul National University, Seoul, Korea (Subchronic Inhalation Toxicity of Silver Nanoparticles, *Tox. Sci.* 108(2):452-461, 2009). .*



Not pictured. The Postdoctoral Fellow Awardee was Rong Wan from the University of Louisville (Regulation of Plasminogen Activator Inhibitor-1 Expression in Endothelial Cells Exposed to Metal Nanoparticles, Abstract No. 2071, Platform Wednesday 1:30 pm, Metals and Metal Oxide Particles).

From left to right: Vice President Justin Teeguarden, Councilor Nigel Walker, President-Elect David Warheit, and President Annette Santamaria.

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- Historical Posters – The Nanotoxicology Specialty Section will participate along with other Specialty Sections, Regional Chapters and Special Interest Groups in presenting an historical poster at the 50th Annual Meeting. These posters will be on display from Sunday, March 6 to Wednesday, March 9, 2011, in the pre-function space outside the Exhibit Hall (L Street Bridge). Please contact Joyce Tsuji (Joyce Tsuji tsuji@exponent.com) if you would like to have input in creating our poster.
- You are encouraged to check out the ToXchange section of the SOT website.

<http://toxchange.toxicology.org/p/us/in/>

I look forward to seeing you at the Nanotox Specialty Section Meeting on Sunday night, March 6 at 6:30 pm!

Respectfully submitted,

David Warheit

Nanotoxicology Specialty Section President

Near Final Schedule of Nanotoxicology-Sponsored Sessions at the 2011 Annual SOT Meeting

Sunday - 6:30 pm – Nanotoxicology Specialty Section Meeting – Washington Convention Center Room 143 – note special day and time.

Monday – AM - Nanotox Platform session – “Carbon Nanotubes and Carbon Nanoparticles”

Monday PM – Nanotox-sponsored Workshop – “Technical Characterization and Dosimetry Challenges Associated with Conducting or Interpreting Nanotoxicity”

Tuesday PM - Nanotox Platform session- “Nanosilver Particulates”

Wednesday AM - Nanotox sponsored Workshop – “Extending Pulmonary Toxicity Findings of Nanomaterials”

Nanotox Poster session – “Metal Oxides, Silver, Gold, and Silica Nanoparticle Toxicity”

Wednesday PM - Nanotox Poster session– “In Vitro and Ex Vivo Studies”

Nanotox Roundtable session – “Assessment of Nanoparticle Exposure in Occupational Settings and in Inhalation Toxicology Studies: Is There a Best Dosimetric to Use?”

Thursday AM - Nanotox Poster session – Carbon Nanotubes, Carbon Nanoparticles, and Quantum Dots



Start planning your schedule now for the upcoming SOT Annual Meeting