



March 4, 2013

**Dear NTSS Members:**

The **Society of Toxicology** Annual Meeting begins in less than a week, and we hope that you will be attending the meeting. This newsletter includes information you will find useful as you plan for the meeting. In addition, you will find at the end of this newsletter a **[Listing of Neurotoxicology-Related Sessions and Events](#)** occurring during the meeting, which was assembled by NTSS student representative Josh Allen (University of Rochester).

**NTSS/SOT Election Results:** In the recent NTSS elections **Will Boyes (US EPA)** was elected to the position of Vice President-Elect; **Nick Filipov (University of Georgia)** was elected to the position of Councilor; **Kristen Ryan (NIEHS)** was elected to be the Postdoctoral Representative; and **Carly Moore (UC Davis)**, the Student Representative. Thank you to Steve Lasley and the other members of the Nominating Committee, Sue Marty and Diane Miller, for their efforts in putting together a great ballot for the NTSS membership to vote on, and to all NTSS members who agreed to be nominated. A sincere thank you is also extended to Chris Curran, who is stepping down as NTSS Councilor, Josh Allen, our retiring Student Representative, and Paul Eubig, who served as our Postdoctoral Representative.

**Poster Competition:** For those of you who have graduate students or postdocs participating in the poster contest (or who are serving as judges for the contest), the judging will take place from **4:45-6:00 pm on Monday March 11th** in the Henry B. Gonzalez Convention Center Exhibit Hall. This year NTSS received 24 graduate student and 5 postdoctoral entries for the poster competition. Candidates and judges will receive specific information from **Gary Miller** who is coordinating the contest this year, so please contact him directly if you have any questions prior to the meeting ([gwmille@emory.edu](mailto:gwmille@emory.edu)). Good luck to all students and postdocs who are participating, and a special thanks to all who have agreed to help with the judging! Prizes will be awarded at the **NTSS Reception**.

**NTSS Reception:** This year our specialty section reception will be held **Tuesday, March 12, from 6-7:30 pm** in **in the Grand Hyatt, Lone Star Ballroom F**, which is within walking distance of the convention center. Please mark your calendars and plan to attend to enjoy the food and drink and visit with your NTSS colleagues. A short business meeting will be held at approximately 6:45 PM. An agenda outline is provided below. Please contact **Pam Lein ([plein@ucdavis.edu](mailto:plein@ucdavis.edu))** if you would like to make an announcement at the business meeting.

**NTSS Business Meeting Agenda**

- Welcome and opening remarks
- Introduction of new officers
- Recognition of outgoing officers
- Secretary-Treasurer's report
- Update on the Toshio Narahashi Neurotoxicology Fellowship Endowment Award Fund
- Poster competition awards
- Continuing education and program proposals for the 2014 SOT meeting
- Announcements/new business
- Funding Challenges for Neurotoxicology at NIH
- Closing remarks

### **Toshio Narahashi Neurotoxicology Fellowship Endowment Award Fund:**

The Neurotoxicology Fellowship Endowment Award Fund initiated at the 2011 Annual Meeting ("50 for 50 Years") was renamed in October 2012 to the Dr. Toshio Narahashi Neurotoxicology Fellowship Endowment Award Fund to honor the lifetime contributions of Dr. Narahashi in not only neurotoxicology research, but also the training of junior neurotoxicologists. **We need to reach \$25,000 by December 31, 2013 to convert the Fund to an NTSS-specific endowment.** Donation forms can be accessed by clicking on <http://www.toxicology.org/ai/csot/contribute.asp>; forms will also be available at the NTSS reception. **Be sure to select Toshio Narahashi Neurotoxicology Fellowship Award (identified as the Neurotoxicology Fellowship Award in the drop-down menu on the electronic form) under named funds.** If you have questions about this Endowment, please do not hesitate to contact past NTSS President Gary Miller (Emory University), current NTSS President Pamela Lein (University of California, Davis) or current NTSS Vice President Anumantha Kanthasamy (Iowa State University).

**CE and Program Proposals for 2014:** As we prepare for the 2013 meeting, the NTSS Executive Committee invites you to submit proposals for the 2014 annual meeting for NTSS sponsorship and endorsement. We recommend that those interested in submitting proposals speak to current NTSS officers at the Annual Meeting to further develop your idea. An NTSS pre-review committee (consisting of Pam Lein, outgoing NTSS President, Anu Kanthasamy, incoming NTSS President and Aaron Bowman, incoming NTSS Vice President) will review all proposals emailed to [Anu Kanthasamy \(akanthas@iastate.edu\)](mailto:Anu.Kanthasamy@iastate.edu) by **April 15** and offer suggestions for strengthening the proposal prior to submission to the SOT Program Committee. Themes for the 2014 Annual Meeting will be developed by the Scientific Program Committee following the proposal submission process. Information about these themes will be available during the summer. Detailed information on guidelines and procedures for preparing and submitting proposals can be found at:

[https://www.toxicology.org/ms/SciSess\\_proposal.asp](https://www.toxicology.org/ms/SciSess_proposal.asp)

#### ***Tips for Submitting More Competitive Session Proposals***

- Review the requirements on the [SOT Website](#) before developing the proposal
- Submit well-developed proposals aligned with the theme and proposed session. Include details to provide clarity of the topic and the content
- Include a diverse array of speakers from different institutes
- Minimize non-member speakers to subject experts
- Identify and contact potential sponsors (Special Interest Groups, Specialty Sections, etc.) by April (or earlier) to request sponsorship. Early input from sponsors improves proposal(s) development.
- Up to 3 sponsors per session are allowed this year; showing broad support increases SOT enthusiasm.

Be sure to check out the NTSS web at <http://www.toxicology.org/isot/ss/NTSS/index.asp> for further information on NTSS!

**Thanks! Hopefully our paths cross in San Antonio!**



Pamela J. Lein, PhD  
NTSS President

## **Listing of Neurotoxicology-Related Sessions and Events**

### **Sunday March 10**

8:15 AM - 12:00 Noon

Continuing Education (CME credit available) - The Practice and Implementation of Neural Stem Cell-Based Approaches to Neurotoxicology (p107)

Continuing Education - Toxic Effects of Metals (p107)

1:15 PM – 5:00 PM

Continuing Education - Understanding Toxic Neuropathy in Drug Development: Both Clinical and Nonclinical Perspectives (p110)

### **Monday March 11**

9:15 AM to 12:00 Noon:

Workshop- Advances in Neurobehavioral and Neuropathology Assessment of Chemicals

2:00 PM to 4:45PM:

Workshop – Environmental Factors in Neurodegenerative Diseases (p198)

### ***Poster Sessions of Interest***

9:30 AM to 12:00 Noon:

Developmental Toxicity—Nonmammalian (p162)

Endocrine Disruptor Screening (p146)

1:00 PM – 4:00 PM

Animal Models of Disease (p194)

Animal Models—Measurements and Validation (p195)

Pesticide Toxicology (p184)

### **Tuesday March 12**

9:00 AM – 11:45 AM

The Dynamics of Neuroinflammation and Inflammatory Cell Responses in Neurologic Disease

1:30 PM – 4:15 PM

Symposium - Application of Systems Biology to Identify Molecular Mechanisms and Biomarkers of Lead (Pb) Neurotoxicity: Implications in a Developmental Origin of Alzheimer's Disease (p260)

Symposium - Nonmonotonic Dose-Response Curves and Endocrine-Disrupting Chemicals: Fact or Falderal? (p261)

Workshop - Breaking the Routine: Is There Room for Modern Techniques of Neuropathology Assessment in Routine Preclinical Safety Studies? (p263)

### ***Poster Sessions of Interest***

9:30 AM – 12:30 PM

Developmental Basis of Adult Disease (p218)

Developmental Toxicity

Neurotoxicology: General (p212)

Metals I (p 229)

1:00 PM – 4:30 PM

Developmental Neurotoxicity (p246)

Neurotoxicology: Pesticides (p 248)

Metals II (p255)

**6:00 PM – 7:30 PM: NTSS Reception (Grand Hyatt, Lone Star Ballroom F)**

**Wednesday March 13**

9:00 AM – 11:45 AM

Symposium - Role of Systems Biology in Characterizing Risk of Developmental Origins of Disease (p267)

Workshop - Standard and Nonstandard Animal Models for Evaluation of Drug Abuse Potential for Pharmaceutical Compounds with Novel Mechanisms (p269)

Platform - Validation and Application of Neurotoxicology In Vitro Methods (p271)

1:30 PM – 4:15 PM

Symposium - Molecular Basis of Age-Related Susceptibility to Chemicals and Environmental Hazards: From Model Systems to Humans (p327)

Platform - New Insights into Organophosphate-Induced Neurotoxicity: Pathology, Mode of Action, Modulation, and Protection (p330)

***Poster Sessions of Interest***

9:30 AM – 12:30 PM

Cell Death/Apoptosis (p274)

Children's Health and Juvenile Toxicity (p282)

Manganism, Parkinson's and Other Neurodegenerative Diseases (p283)

Persistent Organic Pollutants (p293)

1:00 PM – 4:30 PM

Clinical and Translational Toxicity (p301)

Inflammation: Methods and Mechanisms (p322)

Metal Neurotoxicity: Methylmercury, Lead, Aluminum, and Iron (p307)

Toxicology Education (p312)

**Thursday, March 14**

9:00 AM – 11:45 AM

Symposium - Role of Air Pollution As a Risk Factor for Central Nervous System Diseases and Disorders (p336)

Workshop - Cumulative Risk: Toxicity and Interactions of Physical and Chemical Stressors (p338)

Workshop - Mechanistic, Occupational, and Clinical Aspects of Lead Exposure (p338)