

Society of Toxicology

Inhalation and Respiratory Specialty Section



51st Annual
Meeting of the
Society of Toxicology
to be held in
San Francisco,
California on
March 11-15,
2012

Moscone Convention Center

INHALATION AND RESPIRATORY SPECIALTY SECTION (IRSS) NEWSLETTER — MARCH 2012

Dear IRSS Member:

As our President, Jim Wagner points out in this Newsletter, our Inhalation and Respiratory Specialty Section, established in 1982, is celebrating its 30th year of existence. This Newsletter, established in 1986, is celebrating our 26th anniversary.

This second Newsletter of the year is provided as a reminder of the accomplishments and proceedings of our previous annual meeting, and points out special events for the upcoming annual meeting. Last year SOT celebrated its 50th anniversary with all “the bells and whistles”, and Jim has highlighted some of these events in his presidential message in this newsletter. In addition the minutes of last year’s business meeting are also included here.

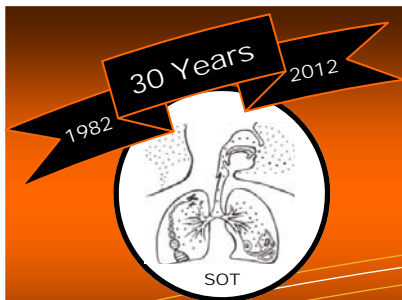
As a reminder, this year’s Business Meeting will be held on Monday evening, March 12 from 6 PM to 7:30 PM at the Marriott Marquis, Yerba Buena Salon 4. I look forward to seeing you there. Also, the Technical Committee will meet the following morning, Tuesday, March 13 from 7 AM to 8:30 AM in the Convention Center Room 230.

At this Technical Committee meeting, Dr. Dan Angelini will speak on “Stem Cells in Pulmonary Injury”.

Dr. Angelini is a Senior Research Associate in the National Research Council (NRC) Postdoctoral Resident Research Associateship Program at the Edgewood Chemical Biological Center (ECBC) at Edgewood, Maryland. He received his Ph.D. degree at the University of Maryland where he



Dr. Dan Angelini at work



studied the role of tumor necrosis factor in the regulation of the pulmonary vasculature endothelial paracellular pathway as it relates to the acute respiratory distress syndrome. He continued his studies at Johns Hopkins University for several years before joining ECBC. We encourage you to attend but please be aware that seating is limited.

I also wish to inform you that a new organization, the Toxicology History Association has been formed and a meeting will be held Monday, March 12 at 3 PM. It will be held at the San Francisco Marriott, 55 Fourth Street in Pacific Suite C. Those interested in the history of toxicology should attend. There are a lot of exciting presentations for all of us at this year's meeting, and I look forward to seeing you.

Harry Salem

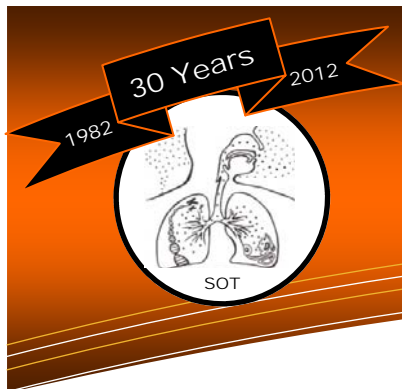
Chair Technical Committee

PRESIDENT'S MESSAGE 2012

Dear IRSS Members,

Only days remain until the 2012 annual meeting in San Francisco where we will recognize the 30th anniversary of the Inhalation and Respiratory Specialty Section. Approved by Council in late 1982, our Section held its first meeting in Las Vegas in 1983 with President James Stevens, and Vice-President Don Gardner leading the way. Herbert Stockinger, a pioneer in industrial inhalation toxicology, was recognized that year with the Inhalation Research Award, now named the Career Achievement Award. During the course of 1983 our members were able to plan for the 1984 meeting in Atlanta, where the Inhalation Specialty Section sponsored its first symposium, "New Approaches for the Evaluation of Pulmonary Toxicology". Chaired by Don Gardner, speakers included Dan Costa, Richard Schlesinger and Rogene Henderson. We also instituted our second award at that meeting, the Paper of the Year, which was given to James Sun, Ron Wolff, George Kanapilly and Roger McClellan for their work "Lung retention and metabolic fate of inhaled benzo(a)pyrene associated with diesel exhaust particles" (TAP, 1984, 73(1):48-59). I find it heartening that many of these same personalities and research topics mentioned above remain important to the SOT today! In 1986 Harry Salem began to document in more detail the growth and accomplishments of our specialty section, and I urge you to peruse his summary of 25 years of sections newsletters at the SOT website, http://www.toxicology.org/ISOT/SS/inhalation/IRSS_NL_Mar11.pdf. Younger members will learn of our section's rich history and older members will remember with gratification the evolution and leadership our section provided both within and outside of the SOT.

In my reading of the old newsletters a common theme has been the importance of fostering the development of our trainees and junior members as an investment in the future of the Section. Indeed, many of the leaders and current officers of both the Society and the IRSS were once student or junior members who traveled to the meetings with support from their mentors. Today we continue to emphasize mentorship in our Section with four separate awards for our younger members, including the Student Award, Mary Amdur Student Award (supported by the Mary Amdur Endowment), the Post-Doctoral Award, and the Young Investigator Award. The Society also advocates for its trainees with



a Graduate Student Leadership Committee and the Postdoctoral Assembly. In this regard I would like to give a shout out to our Student representative, Chris Carosino (UC-Davis) and our post doc representative Patti Erdely (NIOSH) for their work on Society duties and for creating the annual IRSS and historical posters you will see in San Francisco. While looking back over our proud history since 1982, I think it is only fitting that we affirm our commitment to the next generation of scientists who will define the next 30 years of service to the field of inhalation and respiratory toxicology.

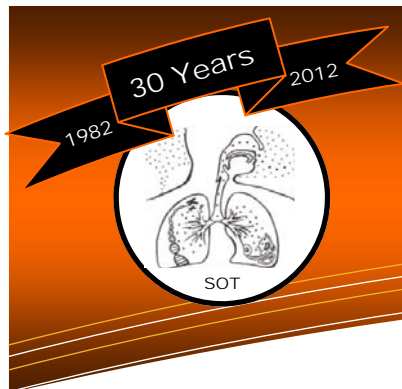
Sincerely,

James Wagner

President

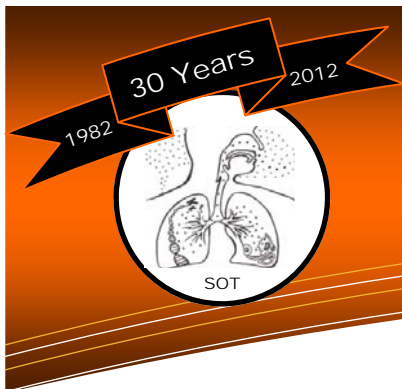
2011 IRSS Annual Meeting Minutes

1. Vincent Castranova opened the IRSS business meeting at 7 pm on March 9, 2011.
2. Vincent Castranova encouraged submissions of proposals for symposium, workshops, roundtable sessions and CE courses. Concepts should be sent to Mike Kleinman (Vice President) before April 18 for input. Final submission deadline to SOT is April 30th.
3. Vince Castranova announced that SOT is interested in supporting Global Initiatives. Proposals are due June 1, 2011, and the support level is \$4,000.
4. Vincent Castranova announced that SOT is willing to support scientific conferences as part of the Contemporary Concepts in Toxicology program. Proposals should be sent to SOT and support levels are as high as \$25,000.
5. Vincent Castranova encouraged continued contributions to the Mary Amdur Endowment.
6. JeanClare Seagrave (Past President) announced winners of the IRSS elections. Winners were M. Ian Gilmour (Vice-President), Amie K Lund (Secretary-Treasurer), Aimen K. Far-raj (Councilor), Willie J. McKinney Jr. (Councilor), Patti C. Zeidler-Erdely (Postdoctoral Representative) and Christopher M. Carosino (Student Representative).
7. Dale Porter (Secretary-Treasurer) presented the budget report and called for approval of 2010 IRSS meeting minutes which were distributed in the latest IRSS newsletter. Minutes were approved.
8. Mike Kleinman announced the award winners. They were: Student Award (Angela Groves), Young Investigator (Andrea deVizcaya-Ruiz), Mary Amdur (Christina Lamb), Post-doctoral (Rajendran Sellamuthu) and Paper of the Year (Gi Soo Kang).



9. James Wagner announced that Dr. Clark Lantz was the winner of the 2011 Career Achievement Award. Dr. Lantz was introduced by Dr. Serrine Lau, a colleague from the University of Arizona. Dr. Lantz gave a few words of appreciation for the award.
10. James Wagner presented certificates of Appreciation to out-going Executive Committee members. They were: JeanClare Seagrave (Past President), Laura Van Winkle (Councilor), Amy Madl (Councilor), Medhi Hazari (Postdoctoral Representative), Dale Porter (Secretary-Treasurer) and a Gavel to Vincent Castranova (President).
11. Dale Porter presented certificates of Appreciation to Dr. Harry Salem for his long service to IRSS.
12. Richard Parent asked to address the IRSS membership. Dr. Parent indicated that a new edition of the book "Biology of the Normal Lung" is starting, and asked that IRSS members contact him if interested in contributing. Richard can be contacted at rparent@consultox.com or 207-563-2300.
13. Flemming Cassee announced the publication of the book *Cardiovascular Effects of Inhaled Ultrafine and Nano-Sized Particles*. This book provides a timely and detailed account of the complex issues that determine the impact of air pollution on the cardiovascular system. With contributions from world leaders in the field, it provides an up-to-date review of the key mechanisms involved in the induction and progression of these cardiovascular conditions. Flemming can be reached at flemming.cassee@rivm.nl.
14. For the record, the composition of the IRSS Executive Committee for the 2011-2012 year is as follows:

President	James Wagner
Vice President	Michael Kleinman
Vice President-elect	M. Ian Gilmour
Secretary-Treasurer	Amie Lund
Councilors	Flemming Cassee
	Jacob McDonald
	Aimen K. Farraj
	Willie J McKinney
Past-President	Vincent Castranova
Postdoctoral Representative	Patti C. Zeidler-Erdely
Student Representative	Christopher M. Carosino
15. James Wagner took over the meeting as incoming President. Jim opened the floor for any comments from IRSS membership. There being none, the meeting adjourned at 7:40 pm.



SOT ON-LINE CONTINUING EDUCATION

SOT and the Continuing Education Committee are pleased to announce the release of 15 NEW on-line CE courses from the 2011 Annual Meeting in Washington, D.C. One of these courses may be of special interest to Inhalation and Respiratory Specialty Section members:

Comparative Biology of the Lung (2010)

These courses offer a great, low-cost way for toxicologists to expand professional development or stay current in the field of toxicology. Please consider promoting these courses in your newsletters and other communications to your members.

Many additional courses http://www.toxicology.org/AI/ce/ce_video/index.asp are available from the 2009-2011 Annual Meetings.

Registration provides 30-day unlimited access to complete the course at any time or location. Course attendance certification letters are available upon completion of the course.

Graduate student and Postdoc members of SOT receive free access to the courses!

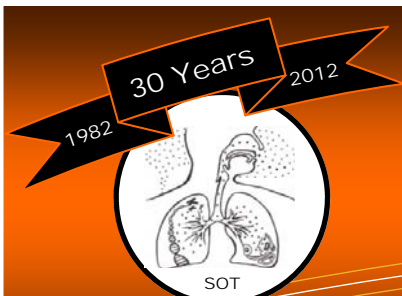
SOT Continuing Education courses contain carefully prepared, state-of-the-art information and now access to these quality courses is available 24/7. We appreciate your help in raising awareness of these valuable offerings.

Contact information:

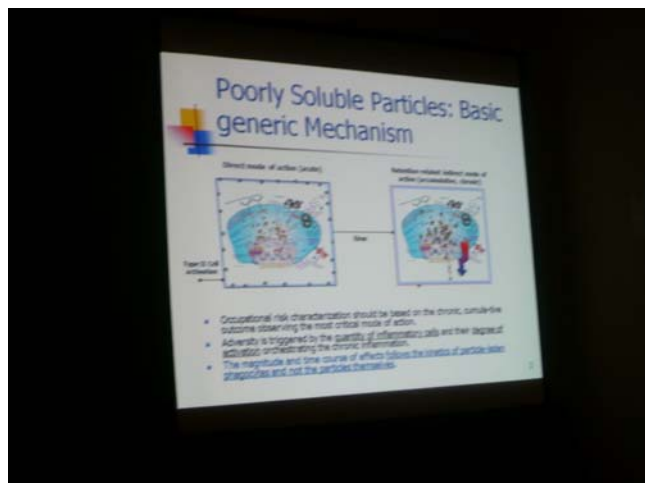
Society of Toxicology
1821 Michael Faraday Drive, Suite 300
Reston, VA 20190
Phone: 703.438.3115
Web site: www.toxicology.org
E-mail: David Rossé (davidr@toxicology.org)

TOXICOLOGY HISTORICAL ASSOCIATION

The recently formed Toxicology History Association (THA) is a scholarly society consisting of toxicologists, historians, and others interested in promoting the study of the history of toxicology and related fields, including, but not limited to, environmental health, occupational safety and health, risk sciences, etc. Its scope encompasses both research and clinical applications, and it collaborates with professional societies in these areas. It sponsors conferences, courses, colloquia, exhibits, and other educational programs and events to inform toxicologists and other scientists, and the general public, of the fascinating history of toxicology. Further, the THA explores the influence of history on contemporary toxicology, and its repercussions beyond the science, through laws and regulations, as well as societal and cultural impacts. The THA encourages the preparation of scholarly papers and books and seeks other electronic means, including the use of social media tools, to broadly disseminate information. For membership information and more -- <http://toxhistory.org>.



Photos from 2011 Technical Committee meeting



Dr. Juergen Pauluhn's title slide



Dr. Vincent Castranova-past president at Technical Committee meeting



John Whalan (EPA) in foreground at meeting



Dr. Jan Moser making presentation



Drs Gunter Oberdorster, Juergen Pauluhn, George Rusch and Harry Salem