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The Immunotoxicology Specialty Section (ITSS) Newsletter is published three times a year (Summer, Fall, and Winter). If you would like to share an item of interest with members of the ITSS, please send it to Ashwini Phadnis-Moghe or Kristen Mitchell at the email addresses listed below. All comments and suggestions are welcome!

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Immunotoxicology Specialty Section Newsletter

Pre-SOT bulletin

President's Message

Greetings members! I hope that by now everyone has finalized planning for your participation in the 55th Annual SOT Meeting in New Orleans! This will be a special SOT meeting, as it marks the first return to New Orleans since Hurricane Katrina.

This year's program is filled with an exciting assortment of immunotoxicology-sponsored sessions scheduled during the 5 days of the meeting. I want to thank Peyton Myers and the 2015-2016 Program Committee members for their their efforts to develop the immunotoxicology program. Also, I would like to acknowledge those ITSS members who will be presenting at the meeting in New Orleans and encourage all ITSS members to support our colleagues by your attendance and active discussions in their sessions.

The annual meeting is an important opportunity to share important developments in the field of immunotoxicology, but to also challenge ourselves as we discuss the most critical, driving issues in our field. I encourage you to use the SOT meeting to develop cross-disciplinary session proposals for the meeting that will happen in 2017. You will find important information to guide your development of session proposals in this newsletter, and you are welcome to contact me or Vic Johnson if you have questions or ideas around developing a scientific session for next year.

Continued on page 2

What's inside?

President's Message	1
Student Post-doctoral Committee Report	2
Call for proposals for 2017	3
ITSS-sponsored programs at SOT 2016	3
Announcements	4
Job Opportunities	5
News and Noteworthy contributions	6
Recent Immunotoxicology Publications	8

President's Message, continued from page 1:

We hope that you will be available to attend the **Immunotoxicology Specialty Section Reception**, which will be held **6:00-7:30 p.m. on Wednesday, March 16 at the Riverside Hilton, Grand Salon A**. This will be a great opportunity to cross paths with friends and colleagues, to celebrate the accomplishments of our members, and to meet our young students and postdocs. In addition, winners of many of our ITSS awards will be announced and celebrated at the reception. Please join us to honor these well-deserving awardees.

During the reception you will also have a chance to meet our new officers for 2016-2017 and interact with a delegation from our partner organization, the Japanese Society of Immunotoxicology (JSIT). Students and postdocs: don't forget to check out information in the bulletin below about the mixer and the ImTox SS Mentor-Student/Postdoc event.

I look forward to seeing you all in New Orleans

Dr. Rafael Ponce
President, ImTox SS 2015-2016



Student & Postdoctoral Report

SOT is right around the corner, and we hope you all have geared up to present your research and participate in several activities and networking events! We hope that you plan to attend the continuing education courses on Sunday, wherein you can expand your knowledge in some of the hot areas of toxicology. One of the first events of interest for all graduate students and postdocs is the **Student/Postdoc Mixer** sponsored by the Graduate Student Leadership Committee. It is **FREE** for all students and postdocs and will take place on **Sunday, March 13th, 7:30-9:00 p.m.** at the Conference Center La Nouvelle Orleans Ballroom B. This is a great opportunity to network and learn more about specialty sections and regional chapters.

Throughout the week, the Graduate Student Leadership Committee and Postdoctoral Assembly will host a number of networking and educational events, including **Chat with an Expert** and **Poster Tours**. Both of these events provide opportunities to meet with and learn from leading experts in toxicology. Please sign up for either or both events! Also, don't miss out on the engaging quiz show "**Tox Showdown**" on **Tuesday, March 15th, 7:30-9:00 p.m.** If you are a postdoc, be sure to register for the **PDA luncheon** on **Tuesday, March 15th, 12:00 - 1:15 p.m.** Finally, do not forget to sign up for the **ITSS mentoring event** to be held on **Wednesday, March 16th, 4:45 - 5:45 p.m.** at the Riverbend Ballroom 2. You can sign up at the Student/Postdoc mixer if you haven't done so already.

We hope you can join us for all of these exciting events!

Ashwini Phadnis Moghe, Ph.D. and Aimee Hillegas

CALLING ALL PROPOSALS!

Greetings from the 2016-2017 Program Committee! With the 2016 Annual Meeting fast approaching, it is that time of year to be thinking of programs for the 2017 meeting. The Program Committee will be hard at work over the next two months preparing high quality programs to put forward from the Immunotoxicology Specialty Section membership. Development of competitive, high quality, and cutting edge programs takes effort. We need your help!

We encourage you to put your thinking caps on and put forward your ideal vision of a program. What topics are hot in immunotoxicology today? What should the Immunotoxicology Specialty Section present to our membership and the greater toxicology membership at the 2017 meeting? We have a strong history of getting quality proposals accepted by the SOT Program Committee. We want to continue that legacy, and for that, we need your help. Your participation is critical to this mission and can range from submission of fully fleshed proposals to concepts to ideas. We have until **April 30, 2016** to submit our proposals to SOT. It is never too early! We are ready to hear your ideas and help maximize their impact and success.

Send your developed proposals! Send your best ideas! Send your questions!

We are accepting it all and encourage you to participate by sending your proposals, ideas, and questions to Vic Johnson (vjohnson@brt-labs.com).

In the coming weeks, the Program Committee will schedule an open forum teleconference to discuss the Program and direction that ITSS wants to head in for the 2017 meeting. Look for an email in the near future providing details. In the meantime, here are a few resources that may prove useful for preparing successful proposals. These resources can shed some light on the SOT Program Committee selection criteria and process.

Proposal Submission and Review—Best Practices. This webinar is an information session that SOT provided in 2015 to help understand the approach to proposal submission and review by the SOT Program Committee. It is short, only 35 minutes. The slides can be downloaded from this link (Webinar slides) https://www.toxicology.org/events/docs/SPC_BestPractices.pdf

Empowering the Endorsers: Developing Competitive Scientific Session Proposals. This is a new webinar sponsored by SOT to help in the development of quality proposals. The webinar was presented by the SOT Program Committee on Feb 23, 2016. The recorded webinar can be accessed at the following address: <https://aim-hq.webex.com/aim-hq/lsr.php?RCID=888dbd9581974b0e88d5d81b7c36b176>

A pdf of the slides can be accessed at the following address:

http://www.toxicology.org/events/docs/SPC_SPC%20Session%20Proposal%20Webinar%20Slides_Feb%202023.pdf

Why Did the Scientific Program Committee Reject My Proposal? Developing a Good Idea into an Accepted SOT Session

This is a live Informational Session being presented by the SOT Scientific Program Committee at the 2016 Annual Meeting in New Orleans. The session will be held on Wednesday, March 16, from 12:30 pm to 1:50 pm in Room R02. We encourage you to attend and learn.

Finally, the following website provides up-to-date information on the types of sessions supported at the annual meetings. It is a good reference to determine the best forum for your great ideas! <https://www.toxicology.org/events/am/sciProgram.asp>

We look forward to your ideas and we are here to help develop them into strong programs. See you in New Orleans!

Vic Johnson, Vice President-Elect, ImTox Specialty Section

ITSS-sponsored sessions at the 2016 SOT Annual Meeting

Continuing Education Session (Chairs)

Advancing the Detection, Imaging, and Pitfalls in Monitoring Oxidative Stress in Health and Disease (Maria B. Kadiiska, NIEHS/NIH, Research Triangle Park, NC; and Ronald P. Mason, NIEHS/NIH, Research Triangle Park, NC.) Sunday, March 12, 2016 at 8:15am–12:00 Noon

Workshop Session (Chairs)

Developmental Immunotoxicology—Are We Adequately Evaluating Safety? (Peyton Myers, United States Food and Drug Administration and Gary Burleson, Burleson Research Technologies, Inc) Thursday March 17, 2016 at 9:30am – 12:15pm

Roundtable Session (Chairs)

Combination Toxicology: Are we testing the right thing? (Leigh Ann Burns-Naas, Gilead Sciences, Inc and Helen Haggerty, Bristol-Myers Squibb Company) Wednesday March 16, 2016 at 12:30pm – 1:50pm

Symposium Session (Chairs)

New, Mechanistic Insights into the Immune System Drives Adverse Drug Reactions (Robert Roth, Michigan State University and Bob van de Water, University of Leiden) Tuesday March 15, 2016 at 2:00pm – 4:45pm

Historical Perspectives Session (Chairs)

Toxicologic Legacies of Major 21st Century Man-Made/Natural Disasters. (Mitchell Cohen, New York University School of Medicine and Mitsuaki, Institute of Radiation Emergency Medicine, Hirosaki University) Monday March 14, 2016 at 2:00pm – 4:45pm



ANNOUNCEMENTS!

Immunotoxicology mentoring event for graduate students and postdoctoral researchers

Please mark your calendars for the 2nd Immunotoxicology Mentoring event. The event will be held on **Wednesday, March 16, 4:45-5:45 pm** in the River Bend Ballroom 2 of the Marriott Convention Center. The goal of this networking event is for you to gain insight into the nature of toxicology work, as well as the training and expertise necessary to gain employment in a variety of fields, including academia, government, consulting, and industry. The format of the networking event will be a round table discussion, where representatives from a variety of work sectors will be located across tables. You will be assigned a table of interest as per your choice indicated on the registration form, facilitating a close discussion with a mentor.

Registration for this event will be available at the Student Postdoc mixer on Sunday. Stop by the ITSS poster located near the SOT Pavilion Booth 500 for more information.

If you have further questions, please feel free to contact Alex Turley (turleya@msu.edu), Joe Zagorski (zagorsk4@msu.edu), or Ashwini Phadnis (phadnisa@msu.edu).

JOB OPPORTUNITIES



Company Name: Covance

We are seeking an Executive Director to lead our growing Immunotoxicology capabilities Globally. In this role, you will be the champion of our Immunotoxicology vision, positioning our global business as a successful market leader.

KEY RESPONSIBILITIES / QUALIFICATIONS

- Leads the scientific strategy to deliver world-class Immunotoxicology that includes expansion of global staff & capabilities
- Key global contact for clients partnering with Sales, Science, Operations, and Senior Leaders
- Contribute to the Global Safety Assessment & Early Development strategic initiatives
- Provide leadership to staff responsible for the scientific aspects of the design, conduct, analysis and reporting of Immunotoxicology studies
- PhD in a relevant scientific discipline with a minimum of 12-15 years of experience in Immunotoxicology, with at least 10 years in a pharmaceutical company(ies)

For more information about this opening please see the SOT Job bank, Job ID 71940FF

Company Name: Gilead

Sr Research Scientist I - Non Clinical Toxicologist

Specific Responsibilities and skills for Position

Manages multiple projects within the functional area simultaneously with minimal supervision. May serve as core team member on Development teams, and as DSE representative on Development sub teams and Research Teams. Advanced knowledge and expertise in diverse areas within the discipline area; working knowledge of other relevant disciplines inside and/or outside of toxicology. Oversees the procedural and scientific aspects of studies throughout the duration of a drug development program. Utilizes understanding of broad strategy and assist in devising novel solutions to scientific and portfolio issues. Develops strong working relationships with internal and external groups. Independently designs and conducts non-clinical studies to support research and development projects and applies appropriate regulatory requirements. Leads protocol review discussions concerning scientific and procedural aspects of study design. Monitors and coordinates all aspects of moderately to highly complex outsourced studies independently. Interprets complex study data and communicates findings. Develops innovative solutions to complex technical problems using broad knowledge of toxicology/pathology and scientific literature. Prepares and reviews regulatory documents. Develops recognized expertise in selected area

Essential Functions: Knowledge of GLPs, ICH Guidelines and other regional requirements and nonclinical drug discovery and development • Ability to work independently within a fast-paced, demanding, performance-oriented and “results driven” environment • Excellent self-management and organizational skills, able to manage work load • Ability to work effectively with cross-functional teams in a matrixed environment • Clear and concise oral and written communication skills • Strong computer skills • Travel is required

Knowledge, Experience and Skills

- PhD or DVM in pharmacology, toxicology, or related scientific discipline and 6+ years of experience in small molecule and/or biopharmaceutical drug development, board certification desirable, but not required
- Experience in the design and interpretation of nonclinical GLP and non-GLP investigative studies to enable clinical development and candidate registration globally

As an equal opportunity employer, Gilead Sciences Inc. is committed to a diverse workforce. In order to ensure reasonable accommodation for individuals protected by Section 503 of the Rehabilitation Act of 1973, the Vietnam Era Veterans' Readjustment Act of 1974, and Title I of the Americans with Disabilities Act of 1990, applicants who require accommodation in the job application process may contact careers@gilead.com for assistance. For more information about equal employment opportunity protections, please view the EEO is the Law poster.

CONGRATULATIONS!

The **2015 Lush Prize** was awarded to **Dr. David Basketter**, UK, and **Dr. Frank Gerberick**, Procter and Gamble, USA, as well as three other scientists. The Lush Prize judges believe that mapping the 'human toxicity pathway' represents a breakthrough moment marking the first step into a future where a superior molecular science replaces the old, imprecise, technology of testing on animals in laboratories. The award recognizes the work conducted on the 'skin sensitization pathway.' Congratulations to these award winners! For more information on this achievement, please visit <http://www.lushprize.org/2015-prize/2015-prize-winners/>



Dr. David Basketter



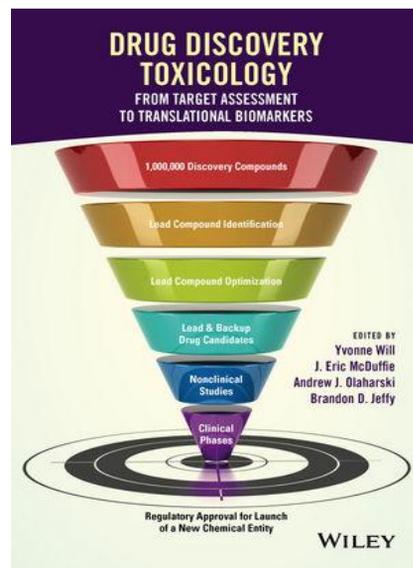
Dr. Frank Gerberick



Immunotoxicology Specialty Section Members Contribute to New Toxicology Book!

The Immunotoxicology Specialty Section is pleased to share a new book entitled "Drug Discovery Toxicology: From Target Assessment to Translational Biomarkers." This book was co-edited by Dr. J. Eric McDuffie, at Janssen Pharmaceuticals, a long-time HESI member, along with several other HESI members and partners.

Congratulations to these collaborators!



Asthma, Allergy, Autoimmunity & Hypersensitivity

Anderson SE, Meade BJ, Long CM, Lukomska E and Marshall NB. Investigations of immunotoxicity and allergic potential induced by topical application of triclosan in mice. *J Immunotoxicol* 13:165-172, 2016.

Developmental Immunotoxicology

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IMPORTANT DATES AND TIMES

55th Annual Society of Toxicology Meeting
March 12-17, 2016
New Orleans, LA

Immunotoxicology Student/Postdoctoral Mentoring Event

Wednesday, March 16

4:45-5:45pm

Riverbend Ballroom 2, Marriott at the Convention Center,
New Orleans

Immunotoxicology Meeting/Reception

Wednesday, March 16

6:00-7:30pm

Hilton Riverside, Grand Salon A