

IMMUNOTOXICOLOGY SPECIALTY SECTION

ANNUAL REPORT: 2011-2012

May 1, 2011 to April 30, 2012

I. Officers/Committees:

<u>Officers</u>	<u>2010-2011</u>	<u>2011-2012</u>
President:	Leigh Ann Burns Naas	Rodney Dietert
Vice President:	Rodney Dietert	Gregory Ladics
Vice President-Elect:	Gregory Ladics	Gary Burleson
Secretary/Treasurer:	Jacintha Shenton	Susan McKarnes
Past President	Jean Regal	Leigh Ann Burns Naas
Councilors:	Wendy Komocsar	Kazuichi Nakamura
	Kazuichi Nakamura	Jean Pfau
PDA Representative:	Jennifer Franko	Teri Girtsman
GSLC Representative:	Xiaochu Zhang	

Committees and Chairs for 2011-2012:

Standing Committees

Awards Committee: Kazuichi Nakamura
Communications: Haley Neff-Laford (Newsletter); Ashwini Phadnis (website liaison)
Education (and Pool of Lecturers): Judy Zelikoff
Membership: George DeGeorge
International Exchange: Mitchell Cohen
Regulatory: Peter Thomas
Program Committee: Gary Burleson

Ad-Hoc

NIH Study Section: Steve Pruett
Regional Meeting: Leigh Ann Burns Naas
Immunotoxicology Brainstorming: Michael Humble

Other

Compilation of Newsletter Citations: Haley Neff-LaFord
Newsletter Typesetter: Peyton Myers

II. Activities:

2012 SOT Annual Meeting Reception was held in San Francisco on Tuesday, March 13, 2012 from 6:00-7:30PM in the Marriott Headquarters Hotel. An estimated 150-200 people were in attendance.

Dr. Greg Ladics graciously substituted as meeting chair for Dr. Dietert (upon the latter's family loss). Dr. Ladics called the meeting to order at 6:45.

Meeting Minutes: (Appendix I has the PowerPoint slide set from the reception and business meeting)

Awards: **Vos Award Career Achievement in Immunotoxicology** Judith T. Zelikoff, PhD

Best Paper 2011 Narendra P. Singh, Udai P. Singh, Balwan Singh, Robert L. Price, Mitzi Nagarkatti, Prakash S. Nagarkatti. Activation of Aryl Hydrocarbon Receptor (AhR) Leads to Reciprocal Epigenetic Regulation of FoxP3 and IL-17 Expression and Amelioration of Experimental Colitis. PLoS ONE, 2011, 6(8):1-13

Outstanding Young Investigator Award Barbara L.F. Kaplan, PhD

HESI Travel Award David J. Blake, PhD

Best Presentation by a Postdoctoral Fellow David Adenuga, PhD
'Immunological Aspects of an Animal Model of Amodiaquine-Induced Liver Toxicity'

Best Presentation by a Student – 1st Place Ana-Cristina Dragomir
"Regulation of Classical and Alternative Macrophage Activation by Galectin-3 Following Acetaminophen Intoxication"

Best Presentation by a Student – 2nd Place Ashwini S. Phadnis
"Suppression of activation and altered BCL-6 regulation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in human primary B cells"

2012 SOT Annual Meeting Courses/Sessions:

CE Courses:

"Overview and Application of the WHO/IPCS Harmonized Guidance for Immunotoxicity Risk Assessment for Chemicals"; Chairs- Andrew Rooney and Henk van Loveren

"Innate immunity"; Chairs - Jacintha Shenton and Wendy Freeburn

Symposia:

"The Allergenicity and Immunomodulatory Effect of Food Substances"; Chairs- Greg Ladics and Reiko Teshima

"The Role of Danger Signals in the Development of Chemical Sensitization by Environmental and Occupational Agents"; Chairs- Marc Pallardy and Raymond Pieters

“Nanoparticles for Drug Delivery: Interactions with the Immune System”; Chairs- Sandra Casinghino and Marina Dobrovolskaia

Workshops:

“Therapeutic Immunomodulation and Cancer Risk: Science, Risk Assessment, and Risk Communication”; Chairs- Marc Pallardy and Shawn Heidel

“T-Dependent Antibody Responses in Nonhuman Primates: Challenges and Opportunities”; Chairs- Jacintha Shenton and Herve Lebrech

Endowment Fund Details: The Health and Environmental Sciences Institute Immunotoxicology Young Investigator Travel Award Endowment Fund continued to grow in 2011-2012. The fund has a balance of \$39,523 (as of May 31, 2012, and after distributing the 2012 award), which represents an increase of \$865 over expenses from the balance of the previous year (\$38,658).

Newsletters: The newsletter was published and distributed electronically to the membership in May 2011, September 2011, and January 2012, and a pre-SOT Bulletin with Annual Meeting announcements and a membership and treasurer’s report was published in March 2012. All newsletters and bulletins are posted to the ImToxSS website and to ToXchange.

Teleseminars: No teleseminars were presented in 2010-2011.

White Papers: No white papers were developed specifically by the Specialty Section in 2010-2011. Contributions to SOT website:

Other Specialty Section 2011-2012 Activities:

The ImTox SS Student/Postdoc Mixer was held on Tuesday evening, March 13, 2012 from 7:45-10:00PM at the Thirsty Bear Brewing Company in San Francisco.

A brainstorming session was held Sunday afternoon March 11, 2012 from 2:00PM-5:00PM at the Marriott Headquarters Hotel to discuss the topic of growth and the field of immunotoxicology. Approximately 20 specialty section members participated. The meeting provided a possible roadmap for future interconnections between the SS its members and other scientists and interest groups.

A resolution to the issues of a study section home was detailed shortly after the annual meeting and information was provided in the SS summer newsletter. The Ad-Hoc committee chaired by Steve Pruettt was prominent in the exchanges that led to the new model for grant proposal review.

Through the work of the Internal Exchange Committee chaired by Mitchell Cohen and the financial support of the SOT through its Global Initiatives Program, we were pleased to welcome Dr. Reiko Teshima of the Division of Novel Foods and Immunochemistry, the National Institute

of Health Sciences of Japan to San Francisco. Dr. Teshima represented the Japanese Society of Immunotoxicology (JSIT) and served as co-chair for the SOT symposium session titled “The Allergenicity and Immunomodulatory Effect of Food Substances.” Additionally, at the JSIT 2011 meeting held at Chiba University, Chiba, Japan in September. Dr. Greg Ladics gave two presentations. Based on the meeting’s theme of "Crosstalk Between Clinical and Experimental Immunotoxicology", Dr. Ladics spoke to the JSIT membership on two topics. The first was in a Symposium (“Food Allergy – From In Vitro Prediction Test to Clinical Test”) while the second was in a Workshop (“Methods of Assessment for Developmental Immunotoxicity”) central to this important theme.

Appendix I : PowerPoint slides from the March 13, 2012 Reception and Business Meeting

