

Immunotoxicology Specialty Section Newsletter



2008 - 2009
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The Immunotoxicology Specialty Section Newsletter is published 3 times/year (May, August and November). If you would like to share a book review, meeting report, interesting web site or any other item of interest with members of the Specialty Section, please send it to us by the middle of the month preceding the planned publication date. All comments on, or suggestions for, the newsletter are welcome.

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President's Message

Jeanine Bussiere, Ph.D.

As I mentioned in the last newsletter, the HESI Immunotoxicology Technical Committee (ITC) donated \$12,500 which was matched by SOT, on behalf of the ImTox SS to create the SOT endowment fund as the **Health and Environmental Science Institute Immunotoxicology Young Investigator Student Award Fund**. This fund is now officially one of the endowment funds that members can contribute to (<http://www.toxicology.org/ai/csot/contribute.asp>; contributions are tax deductible!) and can be used to fund travel for young investigators or students to the annual meeting. In addition, SOT is continuing to contribute matching funds so, for additional dollars that are donated to this fund, SOT will continue to match dollar for dollar. The executive committee will be working out the details of how to apply for this fund and how it will be awarded. This will be announced at the annual meeting. Since the fund has just been established, the first award will be given for the 2010 annual meeting. I would like to encourage those members who are interested in contributing to an endowment fund, to support the ImTox SS by directing your contributions to this specific fund. Many thanks again to the HESI ITC for their generous support!

The officers of the Regional Chapters, Specialty Sections, and Special Interest Groups convened over the summer to enhance networking, discuss ideas that could be initiated by these groups, or to express concerns that might be addressed by the National SOT. One of the main focuses of SOT this year is on the strategic plan for 2008-2011 (**Creating a Safer and Healthier World by Advancing the Science of Toxicology**) and the groups discussed and provided suggestions on five strategic priorities:

- ◆ Increase the scientific impact of SOT
 - ◇ Become a Forum for Novel Discoveries & Approaches Related to Toxicology
 - ◇ Foster Integration of Sub-Disciplines that Support the Evolution of Toxicology



Dr. Jeanine Bussiere
President, ImTox SS
2008-2009

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- ◇ Increase the Impact of Toxicology on Human Health and Disease Prevention
- ◇ Increase Awareness and Recognition for Scientific Achievements within Toxicology
- ◇ Strengthen Partnerships with Scientific and Health Based Organizations
- ◆ Advocate the value of toxicology
 - ◇ Increase Reliance of Decision Makers on Science of Toxicology
 - ◇ Increase Visibility of Organization and Members as Scientific Leaders & Resources
 - ◇ Play Proactive Role in Defining Issues for Policymakers and the Public
 - ◇ Communicate Benefit of Toxicology to the General Public
- ◆ Build for the future of toxicology
 - ◇ Drive the Evolution of Toxicology and Facilitate Adaptation to Change
 - ◇ Define Future Training Needs
 - ◇ Secure Increased Funding for Research and Training
 - ◇ Increase the Number and Strengthen the Quality and Training of New Toxicologists
 - ◇ Attract, Retain and Develop Scientific Leaders
- ◆ Expand and deepen member engagement
 - ◇ Assess Member Needs Using Effective Data Collection
 - ◇ Enhance Current and Provide New Member Services
 - ◇ Enhance Mechanisms for Smaller Group Engagement
 - ◇ Build Bridges to Connect Diverse Member Groups
 - ◇ Determine Future Membership Scope and Scale
- ◆ Strengthen organizational effectiveness
 - ◇ Align Organizational Structure with Strategic Plan
 - ◇ Strengthen Effectiveness of Governance and Fiscal Stewardship
 - ◇ Develop Future SOT Leadership
 - ◇ Enhance Internal and External Communications Capability
 - ◇ Expand SOT Role Beyond Annual Meeting

Also, SOT has just established an On-Line Mentoring Program-Mentor Match on the web (<http://www.toxicology.org/ai/newcrad/mentormatch.asp>). Please sign up as mentors! This is the biggest challenge with any mentoring program is having enough mentors commit to the program as there is always interest from the students/postdocs and junior scientists to establish a relationship and learn from more

‘senior’ (in experience, not age!) professionals. This will help promote the involvement of students and postdocs in the specialty section if we have a good number of SS members who sign up as mentors.

Participation at the 15th Annual Meeting of the Japanese Society of Immunotoxicology



*Submitted by:
James J. Pestka*

I was given the wonderful opportunity to attend and present at the 15th Annual Meeting of the Japanese Society for Immunotoxicology (JSIT) in Tokyo during the second week of October. This visit was co-sponsored by JSIT and the Immunotoxicology Specialty Section (ISS) of SOT to promote scientific interchange and cooperation between immunotoxicologists from Japan and the U.S. Dr. Steve Pruett also participated this year as Past President of the ISS-SOT to facilitate future exchanges between the groups.

This visit started upon our arrival in Tokyo on October 8 where we were greeted by one of our hosts, Dr. Kazuichi Nakamura of Shionogi and Co. Developmental Research Laboratories, who familiarized us with the Tokyo

area accommodations and plans for the meeting. The following day Dr. Yoshiko Sugita-Konishi, Director of Division of Microbiology at the Japanese NIH hosted us at her agency laboratories. Both Dr. Pruett and I presented seminars to an enthusiastic audience on our research related to stress and immunotoxicity. Following the seminars, we attended a luncheon with scientists from the NIH with extensive follow-up discussions on our work and common research interests.

In the afternoon, we met with Dr. Konishi's lab group and toured her outstanding facilities. Dr. Konishi studies microbial toxins and their effects on the immune system. Later we visited with Dr. Jun-ichi Sawada who is the current President of the JSIT. Dr. Sawada runs an outstanding translational program linking human genetic polymorphisms and myelotoxicity of anti-cancer drugs. The day ended in dinner with Dr. Konishi and Dr. Masahiko Takino of Agilent Technologies where we discussed ongoing collaborative studies characterizing immunotoxic secondary metabolites produced by the black mold *Stachybotrys*.

On the following evening, the JSIT conference opening dinner was held under Dr. Sawada's leadership where we met with members of JSIT. Here we had further discussions about future cooperation between JSIT and ISS-SOT. The following day the conference began with the keynote lecture by Dr. Sawada

and morning oral presentations. At the luncheon, Dr. Lawrence Jacob of Charles River Labs (UK) spoke on immunological assessment and use of biomarkers in translational medicine. This was followed by a symposium on the immunotoxicity of nanoparticles and plenary address by Dr. Pruett on immunotoxicology and innate immunity.

The second day began with oral presentations and a symposium on gut associated lymphoid tissues and their regulations chaired by Dr. Reiko Teshima, Division of Novel Foods and Immunochemistry at the Japanese NIH. Here I spoke on mucosal immune dysfunction by the trichothecene mycotoxins. Other talks focused on regulation of gut immunity by retinoids, establishment of a murine food allergy model, and immunomodulation by probiotic lactobacilli. The luncheon seminar was presented by Dr. Mark Wing (Huntington Life Sciences, UK) on non-clinical strategies to mitigate the risk for first-in-man studies with immunomodulatory drugs. Subsequent afternoon sessions dealt with immunotoxicogenomics and secondary modulatory effects and allergenicity of pharmaceuticals. I ended the day by a solo visit to the Asukusa and Ginza areas which represent some of the oldest and newest aspects of Tokyo, respectively.

Taken together, this was an enlightening and informative experience that enlarged my horizons on immunotoxicology research. Our Japanese hosts were

warm and engaging- I am extremely grateful to Dr. Nakamura, Dr. Sugita-Konishi and Dr. Sawada for their extraordinary kindness. The visit reminded me of why I entered this exciting field and also confirmed the fact that scientists speak a universal language and continually strive for mutual improvement. I certainly encourage fellow ISS-SOT members to take the opportunity to participate in the JSIT annual meeting in future years.

SIEE Update

Submitted by: Steve Pruett

The roster for the Systemic Injury by Environmental Exposure special emphasis panel has now been released by NIH. It can be found at the following URL:

http://www.csr.nih.gov/Roster_proto/meeting_roster.asp?stdate=10/16/2008&enddate=10/16/2008&grcode=90&srg=DIGC&SRGDISPLAY=DIG-C&agsqnum=204244

I would like to remind everyone considering an application in February or June to request this panel (the acronym is SIEE). The possibility for keeping the panel for another year and eventually making it permanent will depend largely on the number of applications.

Awards Committee Update



Submitted by: Danuta Herzyk

The ImTox SS is announcing the opening for nominations for the following awards to be recognized at 2009 SOT annual meeting:

ImTox SS Best Paper of the Year Award

The paper must have been published between July 1, 2007 and July 1, 2008. The nomination for this award should provide a full citation of the paper and a short discussion of the value of the research to the field of immunotoxicology. Authors may not self-nominate their own papers. Decisions on this award will be made by members of the Awards Committee, chaired by the Senior Councilor.

Nominations should be submitted by February 1, 2009 to
Dr. Danuta Herzyk
danuta_herzyk@merck.com

ImTox SS Best Presentation by a Student and by a Postdoctoral Trainee Award

The award requirements are submission of a complete written version (including all graphs and tables) of an immunotoxicology presentation to be made at the

2009 SOT Annual Meeting. This presentation is to be accompanied by a letter of nomination from the student's or postdoctoral fellow's advisor. Please utilize electronic submissions. No manuscripts will be accepted. Winners will receive a plaque and cash award. We encourage you to take a minute to nominate your students and postdoctoral trainees so they can be recognized for their work.

Nominations should be submitted by February 1, 2009 to
Dr. Danuta Herzyk
danuta_herzyk@merck.com

ImTox SS International Postdoc Travel Award

This travel award is available to any non-US postdoc to attend future annual meetings of the SOT.

The requirements/criteria for the award include that the Applicant:
1) Must be a postdoctoral trainee;
2) Must not be from the US;
3) Must be an SOT member or in the process of applying for membership; 4) Must be presenting at the 2009 annual meeting.

Separate statements from the Applicant and from their Advisor justifying why the Applicant should win the travel award are mandatory and will be used by the Awards Committee in selecting the awardee.

Nominations should be submitted by December 15, 2008 to
Dr. Danuta Herzyk
danuta_herzyk@merck.com

ImTox SS Outstanding Young Immunotoxicologist Award

The award is offered for work of a Young Investigator who has made significant contributions to the field of Immunotoxicology, either in academia or industry. The nominee must have less than ten years of experience since obtaining their highest degree. Exceptions to the 10 year limitation can be made if careers have been interrupted for family or health reasons, or clinical practice, etc. Reasons for the exception should be documented in the nomination letter. Nominators are required to document the contributions of the candidate and also provide a curriculum vitae and bibliography. All nominations of candidates that have not received the award will be retained and considered for an additional 2 years unless the nomination is withdrawn by the sponsor. Determination of the awardee will be by the Vice President and members of the Awards Committee.

Nominations should be submitted by January 15, 2009 to
Dr. Jean Regal
jregal@d.umn.edu

ImTox SS Vos Award—Career Achievement in Immunotoxicology

This award is offered as recognition to a Senior Investigator whose body of work represents an outstanding achievement in immunotoxicology. The nominator should provide a discussion of the role that the individual's work has played in advancing the field of immunotoxicology. A curriculum vitae and bibliography should also be included. A second letter of recommendation from another investigator in the field would be helpful. Nominees are evaluated with respect to the following criteria:

1) Contribution to the field of immunotoxicology—depth and breadth of scientific contributions and significance of contributions for advancing the field;

2) Major influence in the education/training/mentorship of young scientists in the field of immunotoxicology including training in government, industry,

or academia; 3) Leadership and service to the immunotoxicology field including involvement in the Specialty Section or other meetings/organizations related to immunotoxicology;

4) Influence on regulatory and risk/safety assessment decisions related to immunotoxicology.

Nominations of unsuccessful candidates will be considered for two additional years unless the nomination is withdrawn by the sponsor. Final decisions will be made by the Nominating Committee (President, last three Past Presidents, the Vice President, and Vice President-elect).

Nominations should be submitted by December 30, 2008 to

Dr. Jeanine Bussiere
bussierj@amgen.com

Immunotoxicology Pool of Lecturers Update

Submitted by: Mitch Cohen

The Immunotoxicology Pool of Lecturers Program is up and 'ready for action'. If you are interested in having any of our Expert Immunotoxicologists teach in one of your classes either during this semester (2008) or in the upcoming Spring (2009) semester, please contact Judy (at judith.zelikoff@nyumc.org) as soon as possible with the following information: course title and level (i.e., undergraduate, graduate, post-doctoral/medical); name of guest lecturer and the topic to be presented; amount and purpose of requested funds; and, date needed. Once received, your request will be discussed (by myself and both the SS President and Secretary/Treasurer) and prioritized (if requests are made from multiple schools). After a final decision is reached (within a month), you will be notified of the decision and the amount of financial support.

Immunotoxicology Pool of Lecturers

Judy Zelikoff (Organizer)	Deborah Finco-Kent	Nancy Kerkvliet	Prakash Nagarkatti
Leigh Ann Burns-Naas	Kathleen Gilbert	Ian Kimber	Margie Peden-Adams
Mitch Cohen	Ken Hastings	Raj Krishnaraj	Joseph Piccotti
George DeGeorge	Robert House	David Lawrence	Helen Ratajczak
Rod Dietert	Norb Kaminski	Mike McCabe	Jean Regal
Ken Draper	Barb Kaplan	Mitzi Nagarkatti	MaryJane Selgrade

Student and Post-doctoral Report



*Submitted by Stacey Anderson,
Post-doctoral Representative and
Haitian Lu, Student
Representative*

Greetings students and post-docs! It's hard to believe that SOT is only a few months away. Everyone should be hard at work on their presentations. As you begin to prepare for our national meeting be sure to consider applying for our annual awards. Students and post-docs are welcome to apply for two awards: Best Presentation by a Student and by a Postdoctoral Trainee Award, and the International Post-doc Travel Award. The application deadlines are rapidly approaching so please stay tuned to our website for more information: <http://www.toxicology.org/ISOT/SS/intox/deadlines.asp>.

Please also keep in mind that as a student or post-doc member, you may serve on any of the ImTox SS committees; doing so will give you the chance to make new contacts and to experience how various programs and events are coordinated within SOT. You may sign up for these committees at our specialty section reception during the national meeting, or

contact the committee chair directly. Detailed information about the current committees can also be found on our website.

Make sure to take full advantage of the SOT website. It is worthwhile mentioning that SOT recently launched a Mentor Match program that aims at favoring the interaction between students/post-docs and accomplished toxicologists. It is featured by a pool of mentors with their profiles posted on-line. If you find yourself interested in having a well-respected scientist as your mentor, all you need to do is to sign up the program as a mentee, review mentors' profiles, find your match, and make your initial contact through email! Try it out, and you may obtain invaluable advice for your graduate study and career development in the future.

The 2009 ImTox SS student and post-doc mixer will be held in the evening immediately following our specialty section reception. Come and join us for networking with other people in the field! Look for the final update which will be posted in February and include the time and venue. You can also check our website for updates.

Dr. Stacey Anderson's term for ImToxSS post-doc rep will end in 2009 and we are now looking for a new post-doc rep to replace her. Your term would run from March

2009-March 2011 and you would serve as the post-doc voice for the ImToxSS. For those interested in this position, please send your CV and a nomination letter from your supervisor to Dr. Jeanine Bussiere, the president of the ImTox SS. Also please feel free to contact Stacey directly. She would be happy to speak with you.

If any questions or concerns about how the ImToxSS can best serve you as a student or post-doc in immunotoxicology, please do not hesitate to contact Stacey, the post-doc representative at Sanderson4@cdc.gov, or Haitian, the student representative, at luhaitia@msu.edu.

ImTox SS Financial
Report:
July 2007-July 2008

Submitted by: Helen Ratajczak



Ordinary Income/Expense	
Income	
Contributions	-
Dues	4,575
Misc. Income	-
Registration	4,516
Interest	789
Total Income	9,880
Expense	
Awards - Sections	900
Plaques	741
Executive Meetings	2,700
Miscellaneous	2,351
Newsletter	400
Reception	4,581
Symposia	-
Web Development	-
Total Expense	11,673
Excess (Deficiency) of Revenue over Expenses	(1,793)
Net Assets Beginning of Year	18,369
Transfers from General Fund	
Unrestricted Net Assets at End of Year	16,576

ImTox SS Financial
Report:
July 2006-July 2007

Submitted by: *Helen Ratajczak*



<i>Ordinary Income/Expense</i>	
Income	
Contributions	200
Dues	4,365
Misc. Income	-
Registration	4,337
Interest	875
Total Income	9,777
Expense	
Awards - Sections	1,150
Plaques	858
Executive Meetings	330
Miscellaneous	612
Newsletter	300
Reception	3,840
Symposia	-
Web Development	-
Total Expense	7,090
Excess (Deficiency) of Revenue over Expenses	2,687
Net Assets Beginning of Year	15,683
Transfers from General Fund	
Unrestricted Net Assets at End of Year	18,370

Suggestions
from the
ImTox
Specialty
Section Working
Group on the SOT
National Strategic
Plan



A. Increase Scientific Impact

- The SS would like to have a better connection to the themes - how they are selected, proposed, how they are communicated, example is to solicit theme input from SS, and once selected, SOT creates funds for Contemporary Topics in Toxicology (CTT) to expand on the selected theme
- Better connection to newsletter Communiqué - could list the links to each of the specialty section newsletters or a compendium of newsletters could be published as a means to solicit people to join other specialty sections
- Ideas and proposals that are cut from the annual program committee could be picked up by SSs sponsored debates during SS meetings, regional, or evening meetings sponsored by the SS
- Cross specialty section interaction - identify people who are dual members in

specialty sections and get them to interact to identify synergies, emerging concepts (e.g., themes), and issues that are common to the two specialty sections. It also provides the specialty section leadership awareness of the overlap.

B. Advocate the Value of Toxicology

Increase Reliance of Decision Makers on Science of Toxicology

- Use tools such as newsletters, broadcast emails, etc to keep policymakers aware of the activities and expertise of SOT members.
- Specialty section members could establish contacts with local, state and federal policymakers in order to build networks to facilitate communication and familiarity with the SOT.

Increase Visibility of Organization and Members as Scientific Leaders and Resources

- Each specialty section could provide a list of members interested in participating in public debates as well as their area of expertise. The current web list needs updating on this topic. (This could also increase participation and activity level in specialty sections).

- Specialty sections could provide expertise for information sessions for all levels of communication (high school, college, general public, policy makers) on specific topics.

Play Proactive Role in Defining Issues for Policymakers and the Public

- Prepare white papers and position papers on cutting edge topics for distribution on web site for the public or to alert policymakers.
- Specialty sections could assist in writing articles outlining scientific issues that could be included in a newsletter directed to policymakers on a regular basis. This would serve as a conduit to such individuals to keep them abreast of current opinions of members on different topics.

Communicate Benefit of Toxicology to the General Public

- Draft a series of suggestions for articles posted on public portion of SOT website.
 - ◇ Articles should be written at about 8th grade rather than college level.

- ◇ Topics suggested by communications committee should be revised. They are currently too specific to be of interest or help to the general public.
- ◇ Specialty sections should be invited to submit possible topics or articles of interest for public web site posting.
- ◇ It is not necessary to avoid controversial subjects at the beginning, as long as the articles remain factual and balanced.

C. Build for the Future of Toxicology

Drive evolution, define future training and secure increased funding

- New ideas for program submissions
- Hot topics/late breaking abstracts sessions
- Help with themes for the annual meeting (this could happen at this executive meeting especially if new format of SS reports include issues, future interests, etc)
- Identify new areas of interest
- CE courses: Could they be more cutting edge? Not catering to grad students or post-docs, expand to 8 hr vs 4 hr format (or basic, then advanced course in the afternoon). Can these be adapted to drive interest in new areas?

Increase the number and strengthen quality and training of new toxicologists as well as attract, retain and develop scientific leaders

- Increase communication on grad student and post-doc awards, especially to these committees, to increase participation in these awards
- Be more consistent in how SS interact with student and post-doc reps
- Include young investigator and career achievement awards for each SS
- Publish awards and winners more broadly across SS and across all of SOT (not just within own SS) to celebrate and further reward these students and scientific leaders

D. Expand and Deepen Member Engagement

- Do a survey at registration renewal to see what is important to the members. Make the survey simple- only asking a few questions- ask new questions each year.
- Set up a blog to get feedback from members
- Record hits on the website pages to assess effectiveness of various pages
- Assess via blog or survey the financial needs of members since some companies are limiting travel funds. Suggest other means on education via regional meetings or web-based means. ID these

individuals and let specialty sections know of their restrictions to encourage smaller group communication via newsletters or personal calls.

- Post-docs and graduate students need to be evaluated for engagement via specialty sections or regional chapters- blogs or at the time of renewal. - We suggest a specialty section-based mentorship program to do this. Officers of specialty sections should via newsletters or phone calls develop a list of mentors before 2009 meeting. A training program will be identified and a list of potential mentees will be generated for all the specialty sections to share. A match will be made before next meeting. This mentorship could be initiated at the annual meeting in a new program. It could include spending one day together -mentee and mentor. It could involve monthly phone calls, help with networking etc. This program could be at the high school, college or graduate level.
- Welcome package- When a new member joins- they are given a sheet of 3-4 suggestions that would help them get immediately involved in SOT. #1 First suggestion could be to join a specialty section and connect an officer in that specialty section to volunteer for the councilor position before the next election.

- Pilot project- Since roughly 4000 individuals are not in specialty sections, set up a pilot project and offer 5% of these members a free membership for one year. The specialty sections officers would know which members come through this mechanism and would make a special effort to get new members involved and help meet their needs and introduce them to other members. These members would be asked to rejoin or if not, would be asked give one reason why they did not rejoin the same specialty section.
 - ◇ Collection of data to allow for better decisions to be made
 - ◇ SS recognize a need to better interfacing with Council.
 - ◇ CCTs - taken to other meetings (International Meetings, Need to establish a model like HESI/ILSI)
 - ◇ Supporting other Society Meetings (ACS Courses)

Strengthen Organizational Effectiveness

- Align Organizational Structure with Strategic Plan
 - ◇ Revised Annual Reports (having a component for Strategic Plan)
 - ◇ Thematic Ideas for the Annual Meeting (having SS Section Topics in Alignment)
- Strengthen Effectiveness of Governance and Fiscal Stewardship
 - ◇ Better use of a standardized annual report
 - ◇ To get an overall cross-specialty section report
- Develop Future SOT Leadership
 - ◇ Graduate and Student Awards (Standardization, Communication of Awards)
 - ◇ Travel help
 - ◇ Leadership Meetings for Specialty Sections
 - ◇ Active Participation of Students and Post Docs
 - ◇ Serving as an Officer of a SS
- Enhance Internal and External Communications Capability
 - ◇ Enhanced Annual Reports
 - ◇ Task forces from this meeting (Cross cutting topics, Flexibility in how interest groups form)
 - ◇ Articles from SS for Public Web Site
- Expand SOT Role Beyond Annual Meeting
 - ◇ Provide Expertise to Outside Groups
 - ◇ Provide Articles for Public Websites

“All I want for Christmas is.....”

**Great Program Ideas for the 2010
SOT Meeting!!!**

Symposia

Roundtables

Workshops

Informational Sessions

Historical Highlights

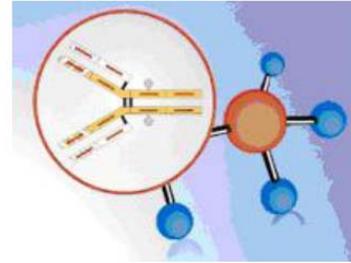
Continuing Education

The Specialty Section has had great success with terrific proposals in the past – 100% acceptance of our programs put forward for 2009! Let’s keep that going!

Submit your proposal to leighann.burns@pfizer.com by

December 12th, 2008.

Summerschool in Immunotoxicology Annual PhD Award



In order to enhance its long-standing commitment to the promotion of immunotoxicology, the nonprofit association “*Summerschool in Immunotoxicology*” presents an Annual PhD Award in recognition of outstanding student candidates for their contribution to the field of immunotoxicology.

The 2008 Award recipient is Dr. Kirsten BAKEN from the University of Maastricht (the Netherlands). The title of her Ph.D. dissertation prepared under the supervision of Pr. Dr. Henk Van Loveren is: "*Immunotoxicogenomics: gene expression profiling as a tool to study immunotoxicity*".

In addition to the 1,000 € prize, the 2009 recipient will be the guest (including registration, accommodation and travel expenses) of the 18th Summerschool in Immunotoxicology to be held in Annecy (France), and will be invited to give a 15-min oral presentation summarizing his (her) most significant results.

Any student having obtained a Ph.D. degree (or recognized equivalent) during the 12 months prior to the application deadline for original work strictly in the area of immunotoxicology is eligible. However, the submitted Ph.D. dissertation should be either in English, French or Spanish.

Applications, including the candidate’s CV and Ph.D. dissertation in final form should be submitted to the Summerschool President Prof. Jacques Descotes:

E-mail: jacques-georges.descotes@chu-lyon.fr

Post mail : Centre Antipoison, 162 avenue Lacassagne, 69424 Lyon cedex 03, France.

The next deadline for application is **1st June 2009**.

Compiled by Haley Neff-LaFord.

ANYTIME you have a new **fully published** article to report, please send it to the coordinator, Haley Neff-LaFord: hnlaford@seagen.com

Asthma, Allergy, Autoimmunity & Hypersensitivity

Ali HYM and Abdullah ZA. Anti-b2-glycoprotein I autoantibody expression as a potential biomarker for strokes in patients with anti-phospholipid syndrome. *J Immunotoxicol* 5:173-177, 2008.

Anderson SE, Ham JE and Munson AE. Irritancy and sensitization potential of glyoxylic acid. *J Immunotoxicol* 5:93-98, 2008.

Dahln E, Barchan K, Herrlander D, Hjman P, Karlsson M, Ljung L, Andersson M, Bckman E, Malmberg Hager AC, Walse B, Joosten L and van den Berg W. Development of interleukin-1 receptor antagonist mutants with enhanced antagonistic activity *in vitro* and improved therapeutic efficacy in collagen-induced arthritis. *J Immunotoxicol* 5:189-199, 2008.

Fukuyama T, Ueda H, Hayashi K, Tajima Y, Shuto Y, Kosaka T and Harada T. Sensitizing potential of chromated copper arsenate in local lymph node assays differs with the solvent used. *J Immunotoxicol* 5:99-106, 2008.

Shvedova AA, Kisin E, Murray AR, Johnson VJ, Gorelik O, Arepalli S, Hubbs AF, Mercer RR, Keohavong P, Sussman N, Jin J, Yin J, Stone S, Chen BT, Deye G, Maynard A, Castranova V, Baron PA and Kagan VE. Inhalation vs. aspiration of single-walled carbon nanotubes in C57BL/6 mice: inflammation, fibrosis, oxidative stress, and mutagenesis. *Am J Physiol Lung Cell Mol Physiol* 295:L552-65, 2008.

Developmental Immunotoxicology

Mustafa A, Holladay SD, Goff M, Witonsky SG, Kerr R, Reilly CM, Sponenberg DP and Gogal RM Jr. An enhanced postnatal autoimmune profile in 24-week-old C57Bl/6 mice developmentally exposed to TCDD. *Toxicol Appl Pharmacol* 232:51-59, 2008.

Urso P. Murine CD5⁺, CD8⁺ normal fetal liver cells enhance an immune response: Benzo(alpha) pyrene-exposed CD5⁺ fetal liver cells are inhibitors. *Immunopharm Immunotox* 17:1-17, 2008.

Urso P and Kramer MK. The role of adherent cells in the immunosuppressed state of mouse progeny transplacentally exposed to benzo(alpha)pyrene. *In Vitro Cell Dev Biol Anim* 44:273-279, 2008.

Urso P, Wirsy YG, Zhang W, Moolenaar-Wirsy PJ. Alterations in CD4⁺, CD8⁺, Vg3, Vgd, and/or Vab T-lymphocyte expression in lymphoid tissues of progeny after in utero exposure to benzo(alpha)pyrene. *J Immunotoxicol* 5:293-306, 2008.

Effects: Compounds

Emara AM and El-Bahrawy H. Green tea attenuates benzene-induced oxidative stress in pump workers. *J Immunotoxicol* 5:69-80, 2008.

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