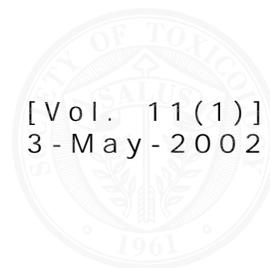


Spring Newsletter

Southern California Chapter of the Society of Toxicology



Meeting Information

(Spring 2002) "Drug Development of Biological Products" will be held Friday May 17th 2002, 9:00-3:30 at Amgen, Thousand Oaks, CA. [Directions Here](#)

Registration Fees are \$25 and payable on-site (\$10 for students). Meeting registration will start at 9:00 AM at Amgen Building 27. If you plan to attend, please RSVP to Julie Doerr-Stevens (jstevens@neurocrine.com) by Wednesday May 8th. SCCSOT thanks AMGEN for full sponsorship of this meeting.

(Fall 2002) "Children's Health Issues" will be held Thursday/Friday September 26/27, 2002 at the Treasure Island Hotel in Las Vegas, NV.

This is a joint meeting of the California and Mountain West Regional Chapters. Advanced discounted hotel reservations may be made by contacting Treasure Island at 1-888-503-8999 (Event: MtWest)

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President's Message

The remainder of this year is poised to be exciting (not only because I am stepping down as Chapter President in July) based on Chapter activities the executive council has been diligently planning. The Spring 2002 meeting at Amgen being held May 17th is a great opportunity for the membership to gain insight into the drug discovery and development process of biological agents, including vaccines, antibodies and peptides (See Meeting Announcement in this Newsletter). The Fall 2002 meeting is a joint meeting with the Mountain West SOT (MW) Chapter. The meeting is being held September 26 and 27th in Las Vegas at Treasure Island. The topic is focused on Children's Health Issues in Toxicology. Topics include a regulatory perspective (e.g. pediatric rule), an overview of animal models for toxicology testing, as well as recent research on environmental toxicology related to pediatric effects.

Reflecting over the past year, the Chapter has implemented a number of changes in effort to improve the value of the SCCSOT to the California Toxicology community. Thanks to the members of the Executive Council and the Program Committee, a significant amount of momentum has been built over the years, positioning SCCSOT as a strong and successful SOT Chapter. Last years activities included revisions of Chapter bylaws, termination of yearly Chapter dues, modernization of the Chapter's website, updating of membership mailing list, transferring of financial accounts to National, and organization of a joint meeting with MW. Discussions to merge the inactive Northern California Chapter with our active Chapter have led to an initiative by former Northern California Chapter members to revitalize their Chapter. In addition, two successful SCCSOT Chapter

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K-12 Initiatives

Awards: March 20th marked the annual Greater San Diego Science and Engineering Fair at Balboa Park Activity Center. An opportunity for Junior (7 and 8th graders) and Senior (9th-12th graders) Division students from the San Diego area to present their science projects and compete for awards. SCCSOT was represented again this year at the Fair thanks to our four volunteers, Diana Johnson (UCSD), Anne Bonneville (Neurocrine Biosciences), Jane Chambers (Pfizer) and Grace Furman (Pfizer). Outstanding science projects related to the field of toxicology were once again judged this year! Two high school students were selected for recognition on the behalf of the SCCSOT, namely Angelica Riestra (11th grader, Gompers Secondary) and Milena Maria Andzelm (12th grader, San Diego High). Angelica's poster entitled "The Effect of Lead on the Gonadotropin-Releasing Hormone" assessed the effect

of lead on GT1-7 neurons which express GnRH receptors. Milena's poster entitled "Growth Factor Rescues Cell Growth Following Bcr/AB1 Inhibition by STI571", determined the ability of STI571, a drug for the treatment of acute lymphocytic leukemia, to effectively block Bcr/AB1 oncoprotein in T-cells. Each winner received a letter of recognition from the SCCSOT, as well as a \$100 monetary award. Congratulations to these young ladies for their outstanding efforts on their science projects, and the best of luck in their future endeavors! Once again, many thanks to our volunteer judges for taking time out of their busy schedules to make this event possible!

If any readers have interest and would like to participate in this yearly event held every April, please contact

Julie Doerr-Stevens
jstevens@neurocrine.com

Spotlight - Images from Joint SCCSOT -MW Social Nashville 2002



Executive Council Elections

2002 Elections: This July marks the changing of the guard for the Executive Chapter Council. Greg Stevens will be stepping down as President remaining active one more year as a council member, and Charley Lapin will assume this position. We thank Greg for his leadership and direction over the past year! Heriberto Robles will step-up to the VP slot, and Stacie Wild, who has completed her two year council term, will assume the VP-elect position. In addition, two new councilors will be joining the Chapter, John Wisler and Daniel Schlenk. John is currently the Director of In Vitro Toxicology within Safety Evaluation at Allergan, and Dan is a Professor at UC-Riverside in Aquatic Toxicology within the Department of Environmental Sciences. Julie Doerr-Stevens and Tina Leakakos will remain active as secretary and treasurer, respectively. Grace Furman will end her very active and productive term with

SCCSOT having diligently served in both executive and council positions. We are thankful for our adjunct members continual support of Chapter activities, namely Steve Harris and Ann de Peyster, who are on our Planning Committee. In addition, Mindy Tsai will retain her position as our regional student representative to National. A new committee is being considered for the Chapter, namely an Information Technology Committee. Brian Mathison is completing his two year term as a councilor, and within that time has made tremendous strides and accomplishments with our Chapter web-site, as well as, the new look and feel of our Newsletter.

As a Chapter we look forward to another successful year ahead, we thank everyone for their efforts and hard work on Council, and we welcome our new members to the group

SCCSOT OFFICE	2001-2002 (current)	2002-2003 (slated)
President:	Greg Stevens	Charles Lapin
Vice President:	Charles Lapin	Heriberto Robles
Vice President-Elect:	Heriberto Robles	Stacie Wild
Secretary:	Julie Doerr-Stevens	Julie Doerr-Stevens
Treasurer:	Tina Leakakos	Tina Leakakos
Councilor:	Stacie Wild	John Wisler
Councilor:	Brian Mathison	Daniel Schlenk
Councilor: *	Grace Furman	Greg Stevens
* Immediate Past President		
Student Representative:	Mindy Tsai	Mindy Tsai
Planning Committee:	Steve Harris Ann de Peyster	Steve Harris Ann de Peyster

Meetings of Potential Interest

Meetings and Events
(Executive Council, SCCSOT)

Workshop On Pharmacogenetics/
Pharmacogenomics In Drug Development
and Regulatory Decision-Making, May 16-
17, 2002

<http://www.fda.gov/cder/calendar/meeting/phrma52002/default.htm>

The development of technologies that provide genomic or genetic information to predict a drug's efficacy or toxicity and to explain inter-individual differences in response to a drug has accelerated in the past 5 years. This workshop is focused on the regulatory implications and related questions resulting from the application of these technologies rather than on the technical details of the technologies themselves. The intent of this workshop is to provide a forum for discussion on the use and application of genetic science and high-capacity technologies, which include monitoring of gene expression and identification of genetic heterogeneity, with specific application in nonclinical and clinical studies conducted as part of the drug development process. Issues specific to other applications of rapidly evolving, high-capacity "-omics" technologies such as proteomics or metabonomics, however, will not be addressed in this workshop. It is envisioned that the issues addressed and raised will provide a basis for future regulatory guidance.

2002 Mechanisms of Toxicity Gordon
Research Conference, July 21-26, 2002
Complete program information and registration
information can be obtained at:

<http://www.grc.uri.edu/>

The 2002 Mechanisms of Toxicity Gordon
Research Conference is being held Sunday, July
21-Friday, July 26, 2002 at Bates College,
Lewiston, Maine. Over the past several years,
this meeting has evolved into the premier small
meeting focused on the molecular mechanisms
underlying toxicant response. This year's
program continues this tradition with sessions

On: Applications of Genomics and Proteomics
to Toxicology, Redox-Regulated Transcriptional
Control, Receptor-Mediated Toxicity, Molecular
Mechanisms of Developmental Toxicity, Genetic
Susceptibility to Toxicants, and others. In
addition, there will be a keynote address by Dr.
Bruce Hammock and Late Breaking Reserach
Presentations chosen from submitted poster
abstracts.

Summer Symposium in Molecular Biology
<http://www.psu.edu/dept/symposium/>

The 21st Summer Symposium in Molecular
Biology entitled "Xenobiotic Receptors in
Toxicology and Carcinogenesis" will be held at
Penn State University on July 31-August 3,
2002. This symposium is composed of four
sessions on PXR/CAR, Ah receptor, Estrogen
Receptor, and PPARs. The Keynote address will
given by Ron Evans. In addition, one afternoon
is devoted to a poster session. The quality of
the speakers is very high and the program will
bring together attendees interested in receptor-
mediated mechanisms of toxicity. The cost of
attending is very reasonable in order to
encourage attendance by students and post-
doctoral fellows. The deadline for abstracts is
June 21, 2002. For further information please
check out the above website.

Regional Web Site

Additional information and links to academic
/ industrial / pharmaceutical related
conferences and potential meetings can be
found within SOT web site at

<http://www.toxicology.org>

Student Advisory Committee Message

Message from the SCCSOT Representative in the Student Advisory Committee

I got involved in the SOT Student Advisory Committee (SAC) back in November 2000 and I have acted as a co-chair for year 2001-2002. I am now the chairperson for this coming year 2002-2003. It has been a great learning experience for me. After the 40th SOT annual meeting held in San Francisco, we communicated through many conference calls and worked on four proposals to address issues that concerns students. These issues included budget, selection of SAC members from regional chapters, career placement service evaluation, and student liaisons on SOT committees. Until the 41st SOT annual meeting held in Nashville, the SAC has been working hard to implement those proposed ideas into realities, as well as coordinate programs at the annual meeting. I am proud to say that this is the first year that the SAC is fully staffed from all regional chapters. Other accomplishments are listed below.

- 1) The SAC currently has SAC members serving as student liaisons in six SOT committees, including Placement, Education, WWW, Women in Toxicology, Membership, and Continuing Education.
- 2) The placement seminar was highly successful at the annual meeting. The SAC has received good comments and suggestions from students.
- 3) Launch of the Lunch with an Expert program was also received favorably by students at the annual meeting. I appreciate all the experts who participated

in this program. The SAC is pleased with positive feedback from students since this is our first attempt.

- 4) The SAC members are still continuously improving the student website to fit students' needs.

Overall, it has been a good year for the SAC. With new SAC officers on board, the SAC will continue to address issues that are important to students. Some of the current/new issues that the SAC is trying to embrace this coming year are:

- 1) To increase the student membership and communication with SOT and SAC.
- 2) To involve or create opportunities for post-doctoral students.
- 3) To have involvement from international students.

Lastly, I would like to note that SOT council has been very supportive of what the SAC has accomplished. For those who had a chance to attend the "SOT Council Meeting with Students" at the annual SOT meeting, you probably noticed that the SOT Council was interested in what students had to say. On that note, the SAC would love to hear from you about what you thought of this year's SOT annual meeting and what changes you would like to see next year. Please e-mail me if you have any questions or comments:

Tsaimm@uci.edu

President's Message Continued

(Continued from Page 1)
meetings occurred. The spring meeting focused on Safety Pharmacology and the fall meeting was on Panomics (Genomics, Proteomics and Metabonomics).

Significant challenges remain for the Chapter. As we move to a "due-less" society, a significant reliance on sponsorship will be required, as well as creative planning to diminish costs for meetings. None of this can occur without the active participation from the membership. Continuous effort is needed by all members to encourage participation in meetings, which not only includes attending meetings but also to offer support in planning. The toxicology community is growing within the San Diego area. How do we encourage participation of new toxicologists that move to the area? How do we expand our links to pharmacology and toxicology groups within academia and government? How do we diminish travel costs for students and government employees? How do we offer education to the community (eg K-12)?

With the current momentum and active participation of the various committees and of the membership, many of these issues can be addressed. I will continue my support of the Chapter as a retired President, and will help to address these future challenges. Lastly, I would like to thank the Executive and Program Committee members; without their continued support and contributions to this Chapter, none of our activities over the years would be possible.

See you at our Spring Meeting,
Greg Stevens, President, SCCSOT

Membership Information

The Society of Toxicology national membership directory is now a 'live' on-line internet accessible database that updates in real time. If you are a current SOT member, you can update your profile as before. Navigate to the membership profile page at .

<http://www.toxicology.org/script/changeinfo.asp>

This password protected area will directly update your contact information in the appropriate regional chapter and applicable specialty sections.

If you are interested in becoming a member of the regional chapter and are **not** a member of the National SOT, navigate to

http://www.toxicology.org/script/sccsot_membership.asp

Completion of the on-line form will generate an email to the current secretary and treasurer of SCCSOT and administrative staff at National SOT. You will then be contacted with additional information. Currently SCCSOT membership is '**DUES FREE**'. Additionally all National SOT members within the geographic boundaries of SCCSOT are considered members of SCCSOT. If you do not wish to receive regional information, please contact <http://www.toxicology.org>.

If you are currently **not** a National SOT member and want to update your information on-line, limited access to the SOT site and membership profile is possible. Visit

<http://www.toxicology.org/script/rcsignup.asp>

Completion of the on-line form with a desired password will generate an email to National SOT staff. Following review of this information against current directories, your profile will be updated or initiated, the SCCSOT secretary and treasurer will be notified and future on-line access to update and change your personal information granted.

Students have additional membership options

<http://www.toxicology.org/memberservices/studentervices/affiliateform.html>

Additional Information

Message from the Editor

The SCCSOT Newsletter is published twice annually. The next newsletter will be published in the Fall. If you have any news of local events, employment opportunities or ideas for future publications and meetings please forward them to my attention.

Julie Doerr-Stevens, Ph.D.
Neurocrine Biosciences
10555 Science Center Drive
San Diego, CA 92121

jstevens@neurocrine.com

Remember to RSVP for the next regional chapter event.

Regional Chapter Merger

Representatives from the from now reforming Northern California Chapter have indicated that with the important business of revitalizing their chapter as their first priority, there is little interest in merging together to form the "California Chapter of the Society of Toxicology". Both chapters have expressed an interest in joint meetings as appropriate and members are interested in attending the other's meetings.

Map to Amgen

Directions to Amgen from LAX

Amgen Center (Thousand Oaks)
Take 405 freeway north for approximately 20 miles to the 101 (Ventura) freeway.

Go west on the 101 toward Ventura for approximately 30 miles to Thousand Oaks.

Exit at Ventu Park Road and turn right. Stay on Ventu Park Road, cross Hillcrest Drive and turn left into Amgen Center. Follow the signs.

Address: One Amgen Center Drive, Thousand Oaks
Phone: 805-447-1000

Meeting Program

Southern California Chapter of the Society of Toxicology
Spring 2002 Meeting

Drug Development of Biological Products

Friday, May 17, 2002

9:00 a.m. - 3:30 p.m.

AMGEN

1 Amgen Center Drive, Bldg. 27
Thousand Oaks, CA 91320

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- | | |
|-------------|--|
| 9:00- 9:30 | Registration and Continental Breakfast, Registration in <u>Building 27</u>
(Presenters please see Registration desk for instructions.) |
| 9:30- 9:45 | Introduction; Stacie Wild, Ph.D., SCCSOT Counselor |
| 9:45-10:30 | "Examples of Real Life Programs: Study Design and Timings"
Christine Robinson, Ph.D., Head Pharmaceutical Program Management, Huntingdon Life Sciences, UK |
| 10:30-11:15 | "Overview on Preclinical Development of Proteins"
Ben Marafino, Jr., Ph.D., DABT, Director Toxicology, XOMA LLC, Berkeley, CA |
| 11:15-12:00 | "Strategic Toxicology Evaluation of Bio-Pharmaceuticals: Past, Present and Future" John Atkinson, Ph.D., DABT, Associate Director Toxicology, Amgen Inc., Thousand Oaks, CA |
| 12:00- 1:30 | Lunch |
| 1:30- 2:15 | "Safety Assessment Utilizing Animal Models of Disease"
Deborah Novicki, Ph.D., DABT, Director Toxicology, Chiron Corporation, Emeryville, CA |
| 2:15- 3:00 | "The Preclinical Development of Anti-Infective Therapeutic Agents"
Robert Buckheit, Jr., Ph.D., Director Infectious Disease and Immunology, TherImmune Research Corporation, Gaithersburg, MD |
| 3:00- 3:30 | Speaker Panel Discussion: Q and A |
| 3:30 | Commentary and Adjournment, Charles Lapin, Ph.D., SCCSOT Vice President |
| 3:30- 4:30 | SCCSOT Executive Council Meeting |

Registration is \$25 and payable on-site (\$10 students).
Please RSVP to Julie Doerr-Stevens (jstevens@neurocrine.com)
by Wednesday, May 8, 2002.
Please include in the e-mail RSVP your full name, affiliation, address, and business contact number