

Society of Toxicology

Southern California Chapter

NEWSLETTER

Vol. 10 No.2

Fall 2001

PRESIDENT'S MESSAGE

This year the SCCSOT has been highlighted by an extremely successful summer meeting, and a fall meeting that is anticipated to be equally successful. The fall meeting entitled, *Application of Panomics (Metabonomics, Genomics, Proteomics) in Toxicology*, will touch upon new and important technology that is revolutionizing the science of toxicology. If you want to get a glimpse of this technological revolution within toxicology, please join us for the fall meeting, Nov. 27th at the Hilton La Jolla Torrey Pines. Thanks to the Executive Council in organizing this meeting and to MPI for sponsoring this event!

The SCCSOT is quickly evolving into the leading toxicological society for California. Efforts are underway to merge the Southern and Northern California SOT Chapters, to form CalSOT. The Chapter will encompass the largest biotechnology membership and some of the most prestigious educational institutions in the country. By 2003, Chapter meetings will occur annually, and will rotate between Northern and Southern California locations. In addition, the intent is to have these annual meetings occur over a two-day period, with posters and vendor displays, as well as student awards.

Other activities within the Chapter include revision of the Chapter bylaws, and discussion of the need for membership dues. Future meetings will be covered through registration costs and

meeting sponsorships. In 2002, the Spring meeting will be held at Amgen in Thousand Oaks, CA. The topic to be presented will be Toxicological Testing of Biotechnology Products. Our Fall 2002 meeting is a joint gathering of the Cal Chapter with the Mountain West Chapter (Arizona, New Mexico, Colorado, Utah). The meeting is tentatively scheduled for September 26 & 27th, in Las Vegas. If you have an interest in making these meetings a success, please volunteer to join our Program Committee.

Lastly, I ask for your support to make the CalSOT a successful Chapter. Without active participation of its membership, the Chapter would quickly dissolve. Without the Chapter, toxicologists across the state of California will not have a venue to network with others and to continue our education in the field. Furthermore, students would not have an opportunity to interact with prospective employers, and there would be no interaction between industrial and governmental scientists. We have several positions open for elections next year, including Vice President and two counselor positions. We also have openings for ad-hoc committees such as program committee and nomination committee. If you would like to contribute please send me an email (stevens@agouron.com).

Thank You,
Greg Stevens
President SCCSOT

FALL 2001 SCCSOT Meeting



MPI RESEARCH IS PROUD TO SPONSOR
THE FALL 2001 SCCSOT MEETING!

Application of Panomics to Toxicology

Tuesday, November 27, 2001

8:00 a.m. – 4:30 p.m.

Hilton La Jolla Torrey Pines
10950 North Torrey Pines Road
La Jolla, CA 92037
858-558-1500

MPI Research exists to provide non-clinical research that meets the requirements of pharmaceutical, animal health and chemical companies as well as governmental agencies, as they develop products for a healthier world.

It is the common goal of MPI Research to ensure high quality, on-time research that adds value to our sponsors' efforts to discover, develop, and enhance products in a regulated environment.

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For more information please contact, Kirk Randall, Director, Marketing and Business Development at:

MPI Research, Inc.
54943 North Main Street

Mattawan, MI 49071 USA
Telephone: 616-668-3336, Ext. 419
Fax: 616-668-4151
Email: MPI_General@mpiresearch.com

The meeting agenda maybe found at the end of this Newsletter. Continental breakfast and lunch will be provided as part of the meeting. On-site registration fee is \$40.00 (students \$15.00). To assist us in planning please RSVP to Julie Doerr-Stevens at jstevens@neurocrine.com. Please provide complete business contact information for each individual attending in your party. **Please RSVP by Wednesday, November 21st.** See you at the meeting!

SCCSOT CHAPTER HIGHLIGHTS

From your Secretary

Introduction of [SCCSOT Executive Council](#) for 2001-2002:

Officers:

President:	Greg Stevens
President Elect:	Charles Lapin
Vice President:	Heriberto Robles
Secretary:	Julie Doerr-Stevens
Treasurer:	Tina Leakakos
Councilors:	Brian Mathison Stacie Wild
Past President:	Grace Furman

If you have a need to get in touch with any of these individuals, please let me know and I can direct you.

[SCCSOT Officer Nominations](#) are being accepted for Vice President and two Councilor positions. Elections will take place in Spring 2002 to fill these positions that will be opening in July 2002. We encourage nomination of any individual who would like to actively participate in our Chapter. As we are trying to unite Northern CA and Southern CA into CalSOT, nomination of individuals in Northern CA are encouraged. Please send all nominations with a brief biography to me at jstevens@neurocrine.com.

The [SCCSOT ByLaws](#) have undergone another round of revision to better reflect the policies of SCCSOT with this years administrative changes by SOT on the regional chapters. Thus, I have attached the revised ByLaws for your review and comment. All comments should be submitted to me prior to the end of this year, December 21st. Thank you for taking time to review this document!

The [SCCSOT Web Site](#) has undergone some major [changes](#) thanks to the hard work and dedication of Brian Mathison. [Please visit the regional chapter section of \[www.toxicology.org\]\(http://www.toxicology.org\). Additional or updated links \(not of a commercial nature\), comments, and suggestions are greatly appreciated \(\[brian_mathison@worldnet.att.net\]\(mailto:brian_mathison@worldnet.att.net\)\) .](#)

The [SCCSOT Summer 2001 Meeting](#) was quite a success with over 75 meeting attendees! Our topic for this meeting was “*Current Concepts in Safety Pharmacology*” which was held July 19th at Allergan, Inc. Dr. Patricia Williams of TheraSolutions (Gaithersburg, MD) gave an overview of the ICH S7A safety pharmacology guidelines for Preclinical testing (<http://www.ifpma.org/ich5s.html>). Application of Preclinical testing in relation to CNS safety pharmacology was presented by Dr. Ted Baird (MPI Research, Mattawan, MI), and cardiovascular safety pharmacology by Dr. Cathy Kelly (Huntingdon Life Sciences, East Millstone, NJ). Benchmarking practices in safety pharmacology was presented by Mr. Ian Hallet (Quintiles Limited, Edinburgh, UK). Drs. Arthur Brown (ChanTest, Inc., Cleveland, OH) and George Thomas (Calvert Preclinical Services, Olyphant, PA) spoke in regards to the utility of in vitro testing for QT prolongation. Utility of receptor profiling was presented by Dr. Jacques Migeon (Cerep, Redmond, WA). A special thanks to all of our speakers who participated in our meeting, and for their scientific insight! Also a special thanks and recognition to Allergan who hosted our meeting for the second year in a row, as well as to Quintiles for sponsoring the meeting!

Congratulations to this years [SCCSOT Greater San Diego Science and Engineering Fair winners](#) Harish Khandrika, Grade 9, La Jolla High, and Briana Alvarez, Grade 10, San Diego High!.

SCCSOT coordinates judging by local toxicologists at this annual event as part of the K-12 SOT Outreach Program. A special thanks to those individual that stepped forward this year to participate, Diana Johnson, Anne Bonneville, Lilit Masarji, and Christina Chambers, as many of us were gone at the annual SOT meeting! If you are interested in participating in this half day event next April 2002, please let me know.

Attention Students

As the SCCSOT Representative of the SOT Advisory Committee...

I would like to thank the Southern California Chapter of SOT for such a great opportunity. This was my third consecutive year that I have gone to the SOT annual meeting, and each year I find myself learning more about the up-to-date work done by many leading researchers in the world. Being a student, the annual SOT meeting is not only a wonderful place to expand my knowledge, but it also gives me a chance to meet other students and new people in my chosen field of study.

Last Fall, I was given an opportunity to be involved in the SOT Student Advisory Committee (SAC). Since it was my first year being a student representative, it was indeed a learning experience for me. Prior to the annual meeting, the student advisory committee met once by conference call to draft an agenda for the SAC meeting at the annual SOT meeting. We discussed various topics, such as a student website and placement services. I was amazed how many things we as students could contribute to the SOT.

At the annual SOT meeting, we met throughout the week. On Sunday evening, we got together to discuss the role SAC members can play during the week. The main roles were to raise awareness of SAC efforts, and to encourage student involvement in the Wednesday meeting with SOT council. It was a very enjoyable experience for me. The most rewarding thing for me was that students were given the opportunity to speak their mind, and thus, gave some valuable suggestions that SCA could incorporate into our next year's proposals. On Wednesday afternoon, the SAC finally got to meet

with council. We not only selected new SAC officers for this coming year, but also discussed what we have accomplished, including creation of a student website, student representation for Placement Services, and student representation in other committees. In addition, we talked about some current issues and what areas needed to be improved. The issues covered from Post-Doc Mixer, luncheon, to selection of new SAC representatives. Moreover, a few initiatives were also brought up at the meeting, such as implementation of web-based evaluation of graduate programs and initial employment. This gave us a chance to explore new possibilities and to participate more in SOT committees such as Education and Awards.

Altogether, it has been a wonderful experience for me. I want to encourage other graduate students to get involved in the student activities in SOT. For those who had a chance to attend the "SOT Council Meeting with Students" at the annual SOT meeting, you would know that the SOT council has been very supportive of what the SAC has tried to accomplish. They welcomed us to participate in SOT decision making that effected us. On that note, the SAC would love to hear from you about what you thought of this year's SOT annual meeting and what you would like to see it keep or change next year. You can check the student section on the SOT official website and submit your comments. Other resources for students are available on the website as well. So take time to check out the website at <http://www.toxicology.org/StudentSection/StudentFrame.html>.

Mindy Tsai, M.S.

Ph.D. Student

*Department of Environmental Toxicology
UC Irvine*

Toxicology at SDSU

The Graduate School of Public Health at San Diego State University offers the Master of Science (M.S.) degree with a concentration in Toxicology. Coursework and thesis research provide opportunities to build a career in a variety

of settings employing toxicologists. Recent graduates are now working in private industry, contract testing, clinical and forensic toxicology laboratories, environmental consulting firms, and regulatory affairs in government agencies. Further pursuit of doctoral studies in Toxicology and related fields is very strongly encouraged. After their experience at SDSU, Toxicology M.S. graduates receive many offers to enter doctoral programs throughout the U.S.

Why wait to advance your career in toxicology? Perhaps you know of someone else who might benefit from having a degree in toxicology that they could work toward while enjoying beautiful San Diego! **December 1, 2001** is the application deadline for admission in Spring 2002. The deadline for priority review for Fall 2002 applicants is May 15, 2002 and the final deadline is July 1, 2002.

For an admissions packet or general information on requirements of all Graduate School of Public Health programs, contact brenda.fass-holmes@sdsu.edu, (619) 594-4492. For additional specific information on the Toxicology program, contact Ann de Peyster, Ph.D., Program Director, adepeyst@mail.sdsu.edu, (619) 594-3690.

SCCSOT HAPPY HOUR AT THE NATIONAL MEETING IN NASHVILLE

The SCCSOT executive council is currently organizing the second annual joint social night at next years 2002 SOT meeting in Nashville with the Mountain West, Northern California and Southern California regional chapters. Thank you to those individuals who attended the mixer in San Francisco! Any ideas or suggestions for this years joint happy hour social should be sent to Stacie Wild, Ph.D. at swild@amgen.com. We will inform you of the date, time and location as those details become available.

EDITORIALS

ADME?

Are Dues Mandatory Expenditures?

Universal among the civilized world, professional societies have engaged in the periodic collection of revenue known as 'dues'. Dues, or money paid for rights of membership, often support the ruling aristocracy to exclude the economically disadvantaged and perpetuate privileged political agenda. While we may not be able to dispense with societal admission criteria such as initiation, hazing or performance of deed (i.e., university attendance and exams), in the new and barbaric world of Internet e-commerce, costs to disseminate and collect information among the masses is inexpensive and truly occurs at the 'touch of a button'.

What do dues do? In recent years, fees for membership have accounted for a small part of regional chapter operating expenditures. Contract research organizations and profitable companies seeking our favor have generously provided us with copious food, drink, and places to gather. Generous volunteer scientists slaving on the executive council perform most of the necessary menial labor. And perhaps partly as a result of dues, less than half of SOT members within the region remain 'paying members' and receive our propaganda on a regular basis.

Dues have been apportioned to help students, so the small sums of money needed to assist travel to exotic places such as Nashville may evaporate. However, if program planners can increase meeting attendance and attendees appear to reward our benefactors/contributors with our business as a future incentive for sponsorship, then we could make meetings 'cost-effective' enough to provide financial awards to the needy in our local educational institutions. In addition, perhaps local companies with significant profit margins could provide award funds in lieu of the single blanket checks now used to cover dues for their scientists?

As SOT acquires our bank account and centralizes many of our local chapter administrative functions with web-based forms, dedicated servers and staff, can we 'table' dues for a while? I'm not completely sure, but granting SOT members *ad hoc* membership to the regional chapter might be a timely idea. You

could join that additional specialty section at \$25/yr and why shouldn't current SOT dues cover regional chapter costs? There are definite administrative advantages to this concept. Californians have always been trendsetters, so if our SOT dues are not enough, I'm sure we'll see an increase soon. Until then,

'Viva la California'
- Brian H. Mathison -

CalSOT? – or – SCCSOT? To be, or not to be?

Sadly, the Northern California Chapter of the Society of Toxicology appears near disbandment. Lack of communications with SOT headquarters has resulted in Northern California being dropped from the regional chapter directory listing this year. Should California be a combined a regional chapter? I think the answer is a definite yes.

There are approximately 440 members of SOT in California accounting for 10% of the total SOT membership. California represents a significant economic power and contributor to our national commerce, but also has it's own unique standards and environmental regulations. These are not limited to Northern California, and while the geographical expanse of the state may present a potential problem for drawing together at meetings, if we move to a single meeting a year format, this problem may be surmountable. I believe the advantages will far outweigh the disadvantages. If the alternative is disbandment, lets adopt the old Nike motto here "Just do it!".

Brian Mathison, Ph.D.
SCCSOT Executive Council

Upcoming Conferences

SCCSOT Fall Meeting: "Application of Panomics to Toxicology", Wednesday, November 27, 2001; 8:00–4:30 pm., Hilton La Jolla Torrey Pines, San Diego, CA. email: jstevens@neurocrine.com to RSVP.

National Center for Toxicogenomics:

“Symposium on Gene Expression and Proteomics in Environmental Health Research”, December 3-4, 2001, Natcher Center, NIH, Bethesda, MD.
www.niehs.nih.gov/nct/

41st Annual SOT Meeting: March 17-21, 2002, Nashville, TN. For more details refer to www.toxicology.com

Message From The Editor

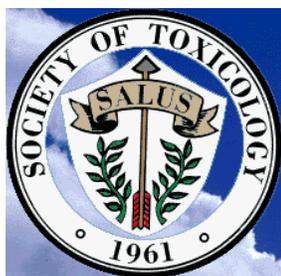
The SCCSOT Newsletter is published twice annually. The next newsletter will be published in the Spring. If you have any news of local events, employment opportunities or ideas for future publications and meetings please forward them to my attention.

Julie Doerr-Stevens, Ph.D.
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NOTE TO SELF:

- RSVP FOR SCCSOT FALL MEETING by Wednesday, November 21st!
- Review SCCSOT ByLaws, comments December 21, 2001
- Send SCCSOT Officer Nominations for 2002-2003

Contact is Julie Doerr-Stevens at jstevens@neurocrine.com



**Southern California Chapter of the Society of Toxicology
Fall 2001 Meeting**

Application of Panomics to Toxicology

Tuesday, November 27, 2001

8:00 a.m. – 4:30 p.m.

Hilton La Jolla Torrey Pines
10950 North Torrey Pines Road
La Jolla, CA 92037
858-558-1500

8:00-8:30 a.m.	Registration and Continental Breakfast Poster Set-Up (Presenters please see Registration desk for instructions.)
8:30-9:00	Introduction; Greg Stevens, Ph.D., SCCSOT President Sponsor Presentation; Kirk Randall, Director of Marketing, MPI Research, Mattawan, MI
9:00 – 9:45	“Identification of Gene Expression-Based Markers of Animal Organ Toxicity and Human Drug Hypersensitivity” Kellye Daniels, Ph.D., Program Director, Phase I Molecular Toxicology, Inc., Santa Fe, NM
9:45-10:30	“Recent Data from the ILSI/HESI Genomics Nephrotoxicity Sub-Committee” Stacie Wild, Ph.D., DABT, Research Scientist, Amgen Inc., Thousand Oaks, CA
10:30-10:45	Break
10:45-11:30	“ProteinChip Arrays for Differential Protein Display” James LeBlanc, Ph.D., Field Scientist, CIPHERGEN Biosystems, Inc., Southern California
11:45-1:00	Lunch (SCCSOT Executive Council Meeting 12:30-1:00)
1:00-2:00	Poster Session
2:00-2:45	“Proteomics in Plants at TMRI” Paul Haynes, Ph.D., Principal Scientist, Torrey Mesa Research Institute, San Diego, CA
2:45-3:30	“Metabonomics: A Systems Approach to Probe Xenobiotic Toxicity and Gene Function In Vivo” Jeremy Nicholson, Ph.D., Professor and Head of Biological Chemistry, Imperial College, London University, UK
3:30-3:45	Break
3:45-4:30	“Applications of Metabonomics to Pharmaceutical Research and Development” Don Robertson, Ph.D., Director and Associate Research Fellow, Drug Safety Evaluation, Pfizer Pharmaceuticals, Ann Arbor, MI
4:30	Commentary and Adjournment, Greg Stevens

Registration is \$40 and payable on-site (\$15 students)

**Please RSVP to Julie Doerr-Stevens at jstevens@neurocrine.com
SCCSOT appreciates the support of MPI Research as Meeting Sponsor!**

By-Laws Southern California Chapter of the Society of Toxicology

ARTICLE FIRST NAME

The name of this organization shall be the Southern California Chapter of the Society of Toxicology and hereinafter shall be designated as the Chapter.

ARTICLE SECOND PURPOSE

The purpose of the Chapter shall be to promote the acquisition and utilization of knowledge in toxicology, to facilitate the exchange of information among its members as well as among investigators of other scientific disciplines, and strive to be a leading resource in advancing the science and applications of toxicology in Southern California.

ARTICLE THIRD MEMBERSHIP

Section 1. Concurrent membership with the Society of Toxicology is encouraged but not a requirement for Chapter membership. There shall be two categories of membership: Full and Student.

Section 2. Full members are qualified persons who have a continuing professional interest in toxicology.

Section 3. Student members are persons with an interest in toxicology enrolled in a degree program at any educational institution.

Section 4. Applications for membership may be received at any time. Dues for members shall be assessed each calendar year.

Section 5. Voting – All members of the Chapter shall be entitled to vote at any meeting on matters pertaining to the affairs of the Chapter and by mail for election of officers or amendments to Chapter By-Laws.

Section 6. Students and persons that are not Chapter members may be 'affiliated' with the Chapter and receive announcements and information as deemed appropriate by the Secretary and Executive Council. Such individuals are not eligible to vote.

ARTICLE FOURTH OFFICERS

Section 1. Chapter officers must be members of the Society of Toxicology and the Chapter.

Section 2. A President shall be elected by a majority vote of ballots. The President shall preside at all meetings of the Chapter. The President, after serving one year, shall be designated Immediate Past President.

Section 3. The Vice President shall become the President of the Chapter after serving one year as Vice President. The Vice President shall serve in the absence of the President.

Section 4. A Vice President-Elect shall be elected by a majority vote of the ballots cast, and shall become the Vice President of the Chapter after serving one year as Vice President-Elect. The Vice President-Elect shall serve in the absence of the President and the Vice President.

Section 5. There shall be a Secretary of the Chapter who shall be elected by a majority vote of the ballots cast, who shall serve as Secretary for a term of two years. Nominees shall stand for election as required.

Section 6. There shall be a Treasurer of the Chapter who shall be elected by a majority vote of ballots cast, who shall serve as Treasurer for a term of two years. Nominees shall stand for election as required.

Section 7. There shall be three Councilors of the Chapter to be elected by a plurality vote of ballots cast for a term of two years. Nominees shall stand for election as required.

Section 8. There shall be an Executive Council of the Chapter consisting of the five officers, the Immediate Past President, and councilors. The President of the Chapter shall serve as chairperson of the Executive Council. Five members of the Executive Council shall constitute a quorum for the transaction of business.

Section 9. Vacancies in any office shall be filled by a majority vote of the Executive Council. In the event of a tie, the President shall cast the deciding vote. The Secretary shall mail ballots for officers to be elected in any year to the Chapter membership. Ballots shall set forth the names of the candidates nominated and a date by which ballots must be received by the Secretary for tabulation. In addition, one (1) space shall be provided for a write-in candidate for each office to be filled. Completed ballots returned to the Secretary shall be valid if received prior to the stated date(s).

ARTICLE FIFTH ADMINISTRATION

Section 1. The Chapter shall comply with provisions for continued authorization by the Society of Toxicology.

Section 2. The Chapter shall provide annual reports of their activities and finances for the current year as well as anticipated plans of programs, activities and finances for the following year. Annual reports shall be submitted to the SOT Secretary for review.

Section 3. The Secretary shall keep a current record of all transactions of all meetings of the Chapter and Executive Council. The Secretary shall be responsible for all correspondence of the Chapter; and shall keep a current list of members and their status. The Society of Toxicology will also maintain a list of Chapter members and their status.

Section 4. The Treasurer shall participate in all monetary transactions of the Chapter and shall pay all duly authorized bills against the Chapter. Disbursement of funds shall be made upon authorization of the Executive Council and appropriate administrative officials of the Society of Toxicology. The Treasurer of the Society of Toxicology shall be authorized to draw against Chapter funds. The Chapter Treasurer shall submit accounts for audit by members designated by the Executive Council annually, and shall transmit to the successor in office all funds and property in their possession. An annual report shall be submitted to the Chapter in a form determined by the Executive Council and SOT Administrators. No funds shall be expended by or in the name of the Chapter to the extent that the expenditure, if made by the Society of Toxicology, would represent use of funds for a purpose or for purposes not within the Society's exempt purposes under section 501(c) 3 of the Internal Revenue Code.

Section 5. Any chapter funds or other property remaining at the time of termination or abandonment or dissolution of the chapter shall be remanded to the Society of Toxicology and shall become a part of the National Society's general funds; no part of any such funds or property shall inure to the benefit of any member or officer of, or person associated with the Chapter.

ARTICLE SIXTH MEETINGS

Section 1. Meetings shall be held at least annually at such time and places as shall be determined by the Executive Council. Meetings should be communicated to the membership at least four weeks in advance.

Section 2. The President may call special meetings at any time with the approval of the Executive Council.

Section 3. Twenty percent of the voting membership will constitute a quorum for Chapter business meetings.

Section 4. Executive Council meetings shall be held at the discretion of the President to conduct such business as is set forth in the By-Laws. Five members of the Council shall constitute a quorum for these meetings. Minutes of the Council meeting shall become a part of the official record of the Chapter.

ARTICLE SEVENTH COMMITTEES

The President shall appoint additional committees as required, and shall be an ex-officio member of such committees.

ARTICLE EIGHTH AMENDMENTS

Section 1. Any member(s) in good standing shall submit proposed changes in the By-Laws to the Executive Council. Upon majority vote of the Executive Council, the Secretary shall send written notice of the proposed changes to all voting members of the Chapter. A majority vote of ballots received within a prescribed balloting period determined by the Executive Council shall be required for adoption.

Section 2. The Council of the Society of Toxicology must approve Amendments to Chapter By-Laws before they become effective.