"Stem Cell Application in Pharmacology and Toxicology"

Tuesday, May 24, 2005
SRI International
333 Ravenswood Avenue, Menlo Park, CA
9:30 am to 3:30 pm

The Genetic and Environmental Toxicology Association (GETA) of Northern California and the Northern California Chapter of the Society of Toxicology (NorCal SOT) are hosting a day-long symposium entitled, “Stem Cell Application in Pharmacology and Toxicology”. The morning session will introduce you to different types of stem cells and ongoing research using stem cells. The afternoon session will explore the present and future pharmacological and toxicological uses of stem cells. Immediately following the afternoon session, the day’s speakers will lead a 30 minute panel discussion on Stem Cell Applications.

Posters: The GETA/NorCal SOT meeting will host a poster session (for everyone) and poster awards (1. $250, 2. $150 and 3. $100, for undergraduate, graduate, post-doc or technical staff. Judging criteria will include but not be limited to subject matter, knowledge, contribution. Posters from any topic related to toxicology, or stem cells are requested. We ask that anyone interested in presenting their poster to submit the title by May 10 and an abstract by May 17 (to be distributed in advance of the meeting) to George Clemens - gclemens@rigel.com (Tel: 650-624-1377).

Registration Deadline is May 17th!
Poster Titles Due May 10!
Abstracts for Poster Session Due May 17th!
GETA and NorCal SOT
MEETING PROGRAM

9:30 - 10:00  Registration and Poster Setup

Morning Session: Introduction to Stem Cells

Meeting chair: Linval DePass

10:00 - 10:20  Welcome and Goals for the Symposium
Thomas A. McDonald (GETA President), Inge Ivans (GETA Program Chair)
Susan Rice (President NorCal SOT)

10:20 - 11:10  Stem Cell Biology and the Future of Therapeutics
Julie Baker, Assistant Professor of Genetics, Stanford University

11:10 - 12:00  Molecular Engineering of Stem Cell and Gene Therapies in the Nervous System
David Schaffer, Assistant Professor of Chemical Engineering, Helen Wills Neuroscience Institute, UC Berkeley

12:00 - 12:30  NorCal SOT Business Meeting

12:00 - 1:30  Lunch, Poster Session, Poster Judging
(The poster session will take place in the atrium, outside the auditorium.)

Afternoon Session: Stem Cell Application in Pharmacology and Toxicology

Meeting chair: Inge Ivans

1:30 - 2:10  Toxicity Testing Using Stem Cell Assays
Emer Clarke, Senior Scientist, StemCell Technologies Inc.

2:10 - 3:00  Stem Cells: Biological Tools for Drug Discovery and Development
Ralph Snodgrass, President and CEO, Vistagen Therapeutics Ind.

3:00 - 3:30  Panel Discussion: Stem Cell Applications and Their Future
Discussion Moderators: Linval DePas and Inge Ivans
Panel Members: Julie Baker, David Schaffer, Emer Clarke, and Ralph Snodgrass

3:30  Poster Award Presentation

3:45 p.m.  Conference participants: refreshments in the atrium

E-MAIL ABSTRACTS FOR THE POSTER SESSION TO

George Clemens
gclemens@rigel.com

BY May 17th!!
CA$H AWARDS!!
(PDF format preferred)
Directions To SRI’s International Building and Conference Parking

SRI is located at 333 Ravenswood Avenue, Menlo Park, CA 94025
The main phone number is 650-859-2000

101 Southbound from San Francisco
Take Marsh Rd. - Atherton exit; turn right; go about 1 mile, turn left onto Middlefield Rd; go 1 mile to Ringwood Ave, and turn right; SRI Conference Parking is on the right. Park in the SRI Conference Parking Lot and walk to Ravenswood Ave. Take a left on Ravenswood Ave and follow the directions to the International Building entrance.

101 Northbound from San Jose
Take Willow Rd - Menlo Park exit; go about 1 mile to Middlefield Rd, turn right and go about 1/2 mile to first traffic light, Ringwood Ave, turn left; SRI Conference Parking is on the right. Park in the SRI Conference Parking Lot and walk to Ravenswood Ave. Take a left on Ravenswood Ave and follow the directions to the International Building entrance.

280 Southbound from San Francisco
Take Sand Hill Rd - Menlo Park exit; go about 2 miles to intersection with Santa Cruz Ave; turn left onto Santa Cruz Ave and follow Santa Cruz to El Camino Real; right on El Camino; left at first traffic light (Ravenswood Ave); cross the railroad tracks and continue to Middlefield Rd. (you’ll pass the main SRI entrance); turn right on Middlefield Rd.; next traffic light is Ringwood Ave, turn right; SRI Conference Parking is on the right. Park in the SRI Conference Parking Lot and walk to Ravenswood Ave. Take a left on Ravenswood Ave and follow the directions to the International Building entrance.

280 Northbound from San Jose
Take Alpine Rd - Menlo Park exit; bear right and follow Alpine Rd to intersection with Santa Cruz Ave; follow Santa Cruz to El Camino; right on El Camino; left at first traffic light (Ravenswood Ave); cross the railroad tracks and continue to Middlefield Rd. (you’ll pass the main SRI entrance); turn right on Middlefield Rd.; next traffic light is Ringwood Ave, turn right; SRI Conference Parking is on the right. Park in the SRI Conference Parking Lot and walk to Ravenswood Ave. Take a left on Ravenswood Ave and follow the directions to the International Building entrance.
President’s Comments
.... by Tom McDonald

This year seems to be flying by – May already! Well, if you are like me and stop to take the time and think about it, much has transpired in the past five months. On the GETA front, your executive board has met twice to hammer out the society’s business and plan strategically to continue our trend of growth and health over the last couple of years. We continue to add new members. Also, the society now has a cash reserve to provide student awards and to ensure that we can bring good speakers to our future meetings.

Our winter dinner meeting was very enjoyable for the many individuals who attended. The speaker talked about the truths and myths of the Marin breast cancer rate. It was very interesting to hear about what really has been studied versus what has just been speculated. Thanks to the efforts of our new GETA Program Chair, Inge Ivens, we have another exiting meeting planned for later this month. In collaboration with our NorCal SOT friends, GETA will host a meeting on stem cell research on toxicology and pharmacology. For California, I can not think of a more timely topic.

Finally, soon I will be putting together a nomination committee to develop a list of names for next year’s GETA board elections. Please let me know if you are interested in running for office, or would like to volunteer to be on the selection committee.

May you and your loved ones have a great summer.

GETA WEBSITE

The Environmental Mutagen Society (EMS) is generously hosting our website. To get to the site, first go to the EMS website at www.EMS-US.org and click on the link for GETA on the Information Power Page. The Membership Directory is on-line too!

GETA NOW HAS YAHOO GROUPS

GETA now has a YAHOO group. The URL for the GETA group is: http://groups.yahoo.com/group/getamembers/

Using the links to the left members can post messages, list files, create polls, etc. It’s easy and best of all it’s free. Using the “Members” link on the left members can access and edit preferences (some groups generate TONS of e-mail and people can choose a “digest version” with e-mail all grouped on a page, or no mail at all and read messages on the web.

The following message is sent to each new member.

“Hello, Welcome to the getamembers group at Yahoo! Groups, a free, easy-to-use e-mail group service. Please take a moment to review this message. To learn more about the getamembers group, please visit http://groups.yahoo.com/group/getamembers. To start sending messages to members of this group, simply send e-mail to getamembers@yahoogroups.com. If you do not wish to belong to getamembers, you may unsubscribe by sending an e-mail to getamembers-unsubscribe@yahoogroups.com. To see and modify all of your groups, go to http://groups.yahoo.com/mygroups

Regards,
Laurie Monserrat
Moderator, getamembers”

GETA Past Presidents

<table>
<thead>
<tr>
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<th>President</th>
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<tr>
<td>1980</td>
<td>Anthony Carrano</td>
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<td>Robert Hill</td>
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<td>James MacGregor</td>
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<td>1983</td>
<td>James Bartholomew</td>
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<td>1984</td>
<td>Joseph Brown</td>
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<td>Caroline Sigman</td>
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<td>1987</td>
<td>Martyn Smith</td>
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<td>Ann Burrell</td>
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<td>Regine Goth-Goldstein</td>
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<td>Carol Green</td>
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<td>Jon Mirschalis</td>
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<td>Collette Rudd</td>
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<td>2002</td>
<td>Melanie Marty</td>
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<td>Melanie Marty</td>
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<td>2004</td>
<td>Karen Steinmetz</td>
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2005 GETA Executive Board

The Executive Board is given the responsibility of determining all policy and business related to the Association. To this end, you are urged to contact any Board member with any suggestions you may have, concerns, meeting topics, and general business to be considered.

Officers (*Program Chair)

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Phone</th>
<th>FAX</th>
<th>E-Mail</th>
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<tbody>
<tr>
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<tr>
<td>Steering Committee</td>
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<tr>
<td>At-Large</td>
<td>Moire Creek</td>
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<td>925-948-2901</td>
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<td>408-924-4840</td>
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<td>Government</td>
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<td>925-422-2282</td>
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<tr>
<td>Student/Postdoc</td>
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<td><a href="mailto:drewski@berkeley.edu">drewski@berkeley.edu</a></td>
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Dinner Meeting Review

...by Inge Ivans

The GETA Winter dinner meeting was held on March 24, 2005 at Hs Lordship’s restaurant on the Berkeley marina. We had a great speaker presenting the topic “Marin County Breast Cancer Rate: Myth and Reality.” Rochelle Ereman heads up the Epidemiology Program of the County of Marin Department of Health & Human Services. She has first-hand research experience with the subject, which was of great concern in Marin County for some years. Elevated rates of breast cancer in Marin County were first reported in the early 1990s, and the incidence rate between 1990 and 1999 increased 3.6% per year, six times more rapidly that in comparison areas. Rochelle reported that the rates were based on population estimates from older census data and that it became evident after the new 2000 census that the number of women in the age range of concern were underestimated. Corrected cancer rates are less dramatic and very similar to those seen in San Francisco, but they are still among the highest in the nation. Rochelle initiated a lively discussion about other factors such as alcohol and breast feeding, which may influence breast cancer.

The meeting was a great success with over 30 participants from varied toxicology disciplines. It was a great time for the participants to network and “pick the brain” of the speaker.

National Meetings

Environmental Mutagen Society (EMS)

September 3-8, 2005
San Francisco, CA
Registration Form

GETA / NORCAL SOT
SPRING SYMPOSIUM

Tuesday, May 24, 2005
SRI International

Name: ________________________________________________________
Address: ____________________________________________________________________________
____________________________________________________________________________________
Phone:______________________________________________________________
Fax: ______________________________________________________________
E-mail: ____________________________________________________________

GETA Member? Yes No  (circle one)
NorCal SOT Member? Yes No  (circle one)

Students  - Registration Fee:  $10

GETA or NorCal SOT Members
Early Registration Fee:  $35 (payment received by May 17)
Registration at the door:  $40

Non-Members
Early Registration Fee:  $40 (payment received by May 17)
Registration at the door:  $45

TOTAL ENCLOSED: ___________

Send this completed registration form and check made payable to GETA to:

GETA
c/o Marion Russell
Lawrence Berkeley National Laboratory
1 Cyclotron Road, MS 70-108B
Berkeley, CA 94720

Phone:  510-495-2915

You may also make reservations by E-mail:  MLRussell@lbl.gov
Please bring your check to the meeting.

You will be billed if you fail to attend the meeting, unless you cancel before Monday, May 23, 2005.
GETA MEMBERSHIP
(New or Renewing Members)

Name ________________________________________________________________

Title ________________________________________________________________

Affiliation ____________________________________________________________

Address ______________________________________________________________

______________________________________________________________________

Business Phone _______________________________________________________

FAX Number ___________________________________________________________

E-Mail Address _________________________________________________________

Please give the above information as you would like it to appear in the On-Line Membership Directory.

RENEWING MEMBERS PLEASE TAKE A MINUTE TO UPDATE YOUR ADDRESS!!

New Member ________ Renewal ________ Check here if above address is new _______

Regular Member, 1 year $15
Regular Member, 2 year $25 (save 5 bucks!)
Regular Member, 3 year $35 (save 10 bucks!!)
Student/Postdoc, 1 year $ 7

Total Enclosed ________

Please send this completed form and check made payable to GETA to:

GETA Membership
c/o Laurie Monserrat
P.O. Box 863
Point Reyes Station, CA 94956

Phone: 916-443-2358
Fax: 503-905-7306
E-mail: lmonserr@oehha.ca.gov
RENEW YOUR MEMBERSHIP FOR 2005!