The MRC/SOT Proudly Presents its Annual Spring Meeting on Friday, May 17th:

“Markers and Models Predictive for Human Toxicity”

It is with great pleasure that we would like to extend an invitation for you to attend the upcoming Spring Meeting of the Midwest Regional Chapter of the Society of Toxicology. This meeting will be held on Friday, May 17th, at the Lincolnshire Marriott Resort in Lincolnshire, Illinois. We are very excited to announce that this year’s meeting will be a combined meeting with the Michigan Regional Chapter. The symposium will highlight issues faced by toxicologists in predicting human toxicities with low occurrences in the population. Insight will be gained on research being conducted to predict these human toxicities that can occur through environmental, occupational or drug-related exposures. The symposium will address the underlying mechanisms of human toxicities that are not predicted through conventional animal models. Novel models and biomarkers for predicting these human toxicities will be discussed. Speakers from academia, the government and the industry will give talks on the molecular epidemiology of toxicant-induced disease, on early detection and mechanistic understanding of occupational health effects and on models and biomarkers of drug-induced human toxicity. Speakers from academia include Jack Uetrecht, Robert Snyder, Robert Roth and Stephen Strom; from the government are John Strong, Ray Tennant, Gene Herman and Sally Tinkle; and from the pharmaceutical industry, James McKim. Please join your colleagues (and those from the Michigan Chapter) at this year’s spring meeting- we promise that it will be a stimulating and worthwhile experience!

~See inside for details~
Markers and Models Predictive for Human Toxicity

--PROGRAM--

Registration
8:00 AM – 8:30 AM

Welcome Introduction
8:30 AM – 8:45 AM
Dr. Michael J. Schlosser
President-Elect, MRC/SOT
Pharmacia

Multidisciplinary Advances in Solving the Beryllium Exposure Puzzle
8:45 AM – 9:30 AM
Dr. Sally Tinkle
Toxicology and Molecular Biology Branch
NIOSH

Biomarkers of Exposure, Effect and Susceptibility: Significance of Biological Reactive Intermediates and Chromosome Damage
9:30 AM – 10:15 AM
Dr. Robert Snyder
Department of Pharmacology and Toxicology
Rutgers University

Break
10:15 AM – 10:30 AM

Assessing Adverse Chemical Effects with Toxicogenomics
10:30 AM – 11:15 AM
Dr. Ray Tennant
National Center for Toxicogenomics
NIEHS

Idiosyncratic Drug Reactions: Designing Safer Drugs vs. Designing Safer Patients
11:15 AM – 12:00 PM
Dr. Jack Uetrecht
Department of Pharmacy
University of Toronto

Lunch and Business Meeting
12:00 PM – 1:30 PM

The Use of Human Hepatocytes in Basic and Clinical Research
1:30 PM – 2:15 PM
Dr. Stephen Strom
Department of Pathology
University of Pittsburg

In Vitro Human Liver Models to Investigate a Compound’s Potential to Produce Toxicity in Man
2:15 PM – 3:00 PM
Dr. John Strong
FDA-CDER

Concurrent Inflammation can Augment Toxic Responses: Might this Underlie Drug Idiosyncrasy?
3:00 PM – 3:45 PM
Dr. Robert Roth
Department of Pharmacology and Toxicology
Michigan State University

Break
3:45 PM – 4:00 PM

Overview of Biomarkers of Drug-Induced Myocardial Injury
4:00 PM – 4:45 PM
Dr. Gene Herman
FDA-CDER

A Pharmaceutical Company’s View to Predicting Human-Specific Drug-Induced Toxicity
4:45 PM – 5:30 PM
Dr. James McKim
Investigative Toxicology
Pharmacia

Closing Remarks
5:30 PM – 5:45 PM

Reception/Poster Session
5:45 PM – 7:00 PM
MEETING INFORMATION

Fees
(includes lunch and program)
Regular Member- $75
Non-Member- $100
Full Time Students- $10

Hotel Rooms
Rooms are being held for the 16th and 17th
Cost per room is $119/night
Reservations: (847) 634-0100
Society of Toxicology block held until April 15th

*Lunch is available only to those who pre-register by May 10, 2002

Directions to Conference Site

Lincolnshire Marriott Resort
10 Marriott Drive
Lincolnshire, Illinois 60069
(847) 634-0100

From the North: I-94 south; exit Half Day Road; turn right (west); turn left on Milwaukee Avenue; turn left on Marriott Drive.

From the South: I-94 north; exit Half Day Road; turn left (west); turn left on Milwaukee Avenue; turn left on Marriott Drive

From the West: I-90 east; I-294 north; I-94 north; exit Half Day Road; turn left (west); turn left on Milwaukee Avenue; turn left on Marriott Drive
Registration Form

Return the form below with payment by 5/10/02 to:

Madeline Kuhlmann
Pharmacia
4901 Searle Parkway, J-3
Skokie, IL 60077

MRC/SOT 2002 Spring Meeting Registration Form

Name_________________________________ Vegetarian Meal? _____Yes _____No
Title/Position/Company______________________________________________________
Phone Number____________________E-mail address ____________________________
Address___________________________________________________________________
City____________________________________ State___________ Zip__________

*Make checks payable to MRC-SOT*

STILL GROWING...

The MRC/SOT is one of the largest regional chapters of the National Society of Toxicology, and we're still growing. Our Membership committee works hard to attract new members and you can help by encouraging your colleagues to join as well. To facilitate this effort, we now offer our membership application forms on our NEW and IMPROVED WEBPAGE: www.toxicology.org/memberservices/regionalchapter/midwest/. Check it out! Currently, application forms and newsletters are being posted here, but expect much more in the near future! To get a hardcopy of an application form, simply download the file and print it out. Make sure to UPDATE YOUR OLD BOOKMARKS, as the address has changed slightly. If you are having problems, simply go to the National webpage and access our page through the “Regional Chapters” link.

BRINGING IN NEW MEMBERS

Most of the new members in 2001 joined MRC/SOT after the membership applications were attached to the fall meeting announcement. Based on this success, the membership committee plans to continue attaching these applications to the meeting announcements so that our existing members can distribute these to prospective new members who may have recently joined their organization. Other initiatives planned to increase our membership base include an appeal to former members who have let their membership lapse. Additionally, we would like to have our membership application forms handy for department heads of corporate and academic institutions located in the Midwest area that have an interest in toxicology. In this manner, they could be distributed to newly hired personnel. Finally, keep in mind that these application forms are also available on our WEB PAGE:

www.toxicology.org/memberservices/regionalchapter/midwest/
(update your bookmarks)
THE MRC/SOT WELCOMES OUR NEAREST MEMBERS

Jason Ronald Cannon, M.S.  
*University of Michigan*

Elvira De Mejia, Ph.D.  
*U.S. Oncology, Inc.*

Moolky Nagabhushan, Ph.D.  
*IIT Research Institute*

Lina Long, Ph.D.  
*IIT Research Institute*

Nicole Richwine, B.S.  
*IIT Research Institute*

Gertrude Levine, M.A.  
*IIT Research Institute*

British Scott, B.S.  
*IIT Research Institute*

Mark Pape, B.S.  
*IIT Research Institute*

Antoinette Bolin, B.S.  
*IIT Research Institute*

Ryan Hrejsa, B.S.  
*IIT Research Institute*

April Hlad, B.A.  
*IIT Research Institute*

MEMBER SURVEY RESULTS ARE IN!

We had 90 paid members last year when the survey was sent out. 27 of them responded to the survey. As of today, we have 173 paid members. On behalf of the MRC/SOT executive council, I would like to thank everyone who renewed their membership, especially those who filled out the surveys. Your cooperation enabled us to learn more about ourselves as a unit and how we have performed. Most importantly, we were able to identify areas in need of improvement.

More than half of the responders did not know when membership renewals were due (January). Half of the responders only visit the website around the time of the Fall and Spring meetings, but most do not use it as their primary source of information. Even though half of the responders said that they did not usually attend the meetings (<1 time per year on average), the Spring meeting was voted as the preferred meeting. 100% of the responders read the newsletter, and most do so within the first week of receiving it. While half of the responders gave the MRC/SOT a “good” rating for communication, a “lack of communication” was one of the issues noted in several of the responses. We now know where we are and what we need to do to improve our organization. The first step is to get more people involved!

If you would like to see detailed survey data, the results are posted on our web page:

www.toxicology.org/memberservices/regionalchapter/midwest/ (update your bookmarks)

Thank you again to everyone who completed the survey- your support and participation are most appreciated.

Linda Tam  
Membership Committee Chair  
Baxter Healthcare Corporation
2001 - 2002 COMMITTEE ASSIGNMENTS (Thanks to everyone for your support!)

Program Committee
Chair: Michael Schlosser

Audit Committee
Chair: Madeline Kuhlmann
William Bracken

Awards Committee
Chair: Kyle Kolaja
John Watkins

Education Committee
Chair: Dan Wilson

Membership Committee
Chair: Linda Tam
Lise Loberg

Nominating Committee
Chair: Denise Demetral
Qifang Gu

Communications Committee
Chair: Per Blomquist
Antonio Guy

SAC Representative
Nathan Matusheski (U of I)

EXECUTIVE COUNCIL ELECTIONS COMING UP!

Nominations have been submitted for the upcoming MRC-SOT Executive Council election. The offices that are being filled during this spring’s election are President-Elect, Secretary and two Councilor positions. The President-Elect serves as a member of the Executive Council and as Chairperson of the Program Committee and will accede to the Presidency the following year. The Secretary keeps accurate records of all chapter transactions and sends out announcements and other communications to the members of the Council. Councilors assist in governing the affairs of the MRC/SOT and act as Chairpersons for the Standing Committees (Membership, Nominating, Awards, Audit and Communications).

The candidates in the running are:

President Elect
Reid Patterson from Abbott
Thomas Tephly from U of Iowa

Secretary
Kyle Kolaja from Pharmacia
Don Korte from Concordia U

Councilor
Robin Guy from Robin Guy Consulting
Jennifer Bruneau from Pharmacia
Daryl Szyska from Pharmacia
Ros Bell from Pharmacia
Dennis Sullivan from IITRI
Eldon Smith from IITRI
Randy White from Baxter

Ballots will be sent out shortly. Please make your voting selections and return your ballot as soon as possible. These elections are held every spring, so if you’re interested in running for office next year or know someone who might be, more opportunities are on the way! Simply access our web page and download the nomination form. It is a great opportunity to get involved and meet your fellow toxicologists! Once again, the new web page address is:

www.toxicology.org/memberservices/regionalchapter/midwest/
(update your bookmarks)

Denise Demetral
Nominating Committee Chair
Greetings! My name is Nate Matusheski and I am the recently appointed Student Advisory Committee (SAC) representative for the MRC/SOT. The SAC was created in July of 1999 as an ad hoc committee of the National Society of Toxicology, made up of one student member from each of the regional chapters. The goals of this committee are to foster student involvement in the SOT and to serve as a student liaison to the SOT at both the regional and national level. As the MRC/SOT student representative, I will be maintaining a student email list and giving periodic updates on issues of student interest. I would also like to develop a student-industry professional mentoring program and create a placement service to help connect our students with regional job openings in the field of Toxicology.

If you are a student, consider the benefits of being a member of the MRC/SOT. It is a great place to network with professionals in your field and share your research with them at our yearly poster competition for the Victor A. Drill Award (see the call for abstracts in this newsletter for more info!). You do not have to be a student member to present a poster at the meeting, but since membership dues are only $10, why not join? To become a member, visit our web site and download the application form:


Mail completed forms to:

Linda Tam
Baxter Healthcare Corporation
Mail Zone RLP-34
Route 120 & Wilson Road
Round Lake, IL 60073

If you advise students or know other students who may be interested in the MRC-SOT, please pass along this information. See you on May 17th!

Thanks,

Nate Matusheski
SAC Representative
University of Illinois

FREE EDUCATIONAL MATERIALS AVAILABLE!

Well, not exactly free since your tax dollars paid for them. Regardless, the National Cancer Institute offers a number of publications and other educational and outreach materials through two catalogs entitled "Materials for Community Outreach Programs and Health Professionals" and "Publications for Cancer Patients and the Public." The catalog listings are too extensive to cover here, but you're sure to find some useful and information.

You can order these catalogs from the NCI's Cancer Information Service by calling 1-800-4CANCER. If you are involved with community education (and we hope you are), this is a really good place to start gathering information.
**VICTOR A. DRILL AWARD**

**Call for Abstracts**

The Spring Meeting Poster Session provides an opportunity for toxicologists to present research that might be outside the scope of the symposium. The Victor A. Drill Award is bestowed upon the first author of the best poster presentation. In line with our charter, the objective of the poster session and the award is to encourage toxicology research and education. The recipient can be a student, post-doctoral fellow or industry professional from any academic, governmental or industrial institution in the Midwest. The recipient must be a member of the MRC/SOT or in the process of applying for membership. Junior staff and students are particularly encouraged to participate. Consequently, preference will be given to participants 35 years of age or younger. The Awards Committee will judge the posters and the winner will be announced at the conclusion of the poster session. Announcements will also appear in the MRC/SOT newsletter. Since many MRC/SOT meeting attendees do not regularly attend the national meetings, it is permissible to present a poster that has been previously presented there.

The first place prize is a trip to next year’s Society of Toxicology meeting (March 9-13, 2003) in Salt Lake City, Utah (up to $1500 for registration, airfare and lodging). The second place prize is up to $100 towards the toxicology textbook of your choice.

If you are interested in presenting a poster at this year’s meeting, fill out the enclosed abstract form and submit it to:

Kyle Kolaja  
Pharmacia  
4901 Searle Parkway  
Skokie, IL 60077  
(847) 982-8264

*If you want to be considered for the Victor A. Drill Award, make sure to mark the appropriate box on the abstract form.*

**KENNETH P. DUBOIS AWARD**

**Call For Nominations**

Each year, the Midwest Regional Chapter of the Society of Toxicology presents the Kenneth P. Dubois Award to an outstanding toxicologist in the Midwest. The award consists of an engraved plaque and an honorarium, both presented at the annual Spring Meeting of the MRC/SOT.

This announcement is to invite the membership of the MRC/SOT to nominate appropriate candidates for this prestigious award. Guidelines used in the selection are:

1. The proposed candidate should have worked for most of his/her career in the Midwest.  
2. Membership in the MRC/SOT is not required.  
3. The proposed candidate should currently be active in the field of toxicology. This is defined as performing, directing or managing in the area of research, testing, teaching, clinical practice or regulatory affairs.  
4. The proposed candidate must have demonstrated a sustained and high level of activity in toxicology, such as unique research achievements, special teaching proficiency and/or promoting the interests and concerns of toxicology.
Nominations for the Kenneth P. Dubois Award should be in the form of a one to two page letter that describes the accomplishments of the candidate. The letter and supporting documentation (e.g., curriculum vitae) should be submitted by **May 1, 2002** to:

Kyle Kolaja  
Pharmacia  
4901 Searle Parkway  
Skokie, IL 60077  
(847) 982-8264

**PICTURES FROM THE FALL MEETING** *(Pharmacia on November 2, 2001)*
*Photo Credits: Per J. Blomquist, David K. Kie and the Searle Image Analysis Laboratory*
2001-2002 MRC-SOT EXECUTIVE COUNCIL

President: Stanley Roberts
Telephone: (847) 938-5195
Fax: (847) 937-4349

President-Elect: Michael Schlosser
Telephone: (847) 938-5195
Fax: (847) 938-5338

Past President: Dan Wilson
Telephone: (847) 270-5464

Secretary: Monique Fouant
Telephone: (847) 982-7049
Fax: (847) 982-7073

Treasurer: Madeline Kuhlmann
Telephone: (847) 982-8396
Fax: (847) 982-7073

Councilors:
Kyle Kolaja
Telephone: (847) 982-8264
Fax: (847) 982-7073

Linda Tam
Telephone: (847) 270-4453
Fax: (847) 270-3405

Denise Demetral
Telephone: (847) 982-7527
Fax: (847) 982-7073

Per Blomquist
Telephone: (847) 982-7354
Fax: (847) 982-7073

The MRC-SOT Newsletter is published biannually in both print and electronic formats as a service to the toxicology community of the Midwest. Contributions are welcome! Please address any questions, comments or contributions to:

Per Blomquist, Editor
Pharmacia
4901 Searle Parkway, J311
Skokie, IL 60077
Telephone: (847) 982-7354
Fax: (847) 982-7073
E-mail: per.j.blomquist@pharmacia.com

Antonio Guy, Associate Editor
Pharmacia
Telephone: (847) 982-8214
E-mail: Antonio.s.guy@pharmacia.com