ANNUAL REPORT: 2012-2013
May 1, 2012 to April 30, 2013

I. Officers/Committees:

Officers 2011-2012 2012-2013
President: Christina Wilson Susan Henwood
President-Elect: Susan Henwood Gregory Erexson
Secretary: Thomas Mably Jennifer Olsen
Treasurer: Lise Loberg Lise Loberg
Past President Matthew Schroeder Christina R Wilson
Councilors: Gregory Erexson Ronnie Yeager
Michael Biehl Laura Kreckler
Joshua Edwards Joshua Edwards
Yi Yang Yi Yang
PDA Representative: Mary Jo Laws
GSLC Representative: Kristina Blanke

II. Activities:

A. Fall Meeting 2012
The 32nd Annual Fall Meeting of the Midwest Regional Chapter of SOT (MRC/SOT) was held on Friday, October 19, at Abbott Laboratories, Abbott Park, Illinois. The theme for this fall meeting was Impurities from Pharmaceutical Drugs and Extractables and Leachables from Medical Devices in Product Development. Greg Erexson, President-Elect, assembled a great slate of speakers addressing control of impurities in early phase development, qualitative and quantitative methods used for extractables and leachables from medical devices, impurities from a toxicology perspective, and toxicology risk assessment of extractables and leachables profiles from medical devices and their components, with updates from the International Consortium for Innovation and Quality in Pharmaceutical Development. Approximately 60 people were in attendance and provided an active discussion on this topic. The scientific program for this meeting is included in Appendix I.

B. SOT Joint Regional Chapter Mixer - 2013
A joint mixer for the NLOST and MRC-SOT regional chapters was held at the Blue Star Brewery in San Antonio in conjunction with the 2013 SOT meeting. There were 39 attendees, including 22 from NLSOT, 14 from MRC-SOT, and 3 nonmembers. The concept of a regional chapter mixer was well received; however, the distance of the venue from the convention center (~1 mile walk) and the lack of directions provided in the e-mail correspondence concerning the event may have contributed to the lower than expected attendance. Although there was some cross-conversation between chapter members from the two groups, most of the individuals tended to migrate to members of
their own regional chapters. If future events are organized, an informal agenda that encourages more interaction between members of the regional groups would be important.

C. Spring Meeting 2013
The 33rd Annual Spring Meeting of the Midwest Regional Chapter of the Society of Toxicology was held on Friday, May 17th at the Lincolnshire Marriott Resort in Lincolnshire, IL. The title for the scientific program was *Distinguishing Between Adverse and Nonadverse Findings in the Setting of No Observed Adverse Effect Levels (NOAELs)*. Greg Erexson, the Program Chair and President-Elect, organized the scientific session, which included an excellent panel of guest speakers with expertise in various aspects of industry. The meeting was a success and the chapter had approximately 68 attendees. In addition to the scientific program, the MRC-SOT annual student awards were presented at the meeting. The scientific program for this meeting is included in Appendix II.

Our chapter also held its annual business meeting on this day. A copy of the business meeting minutes is included in Appendix III.

The President, Susan Henwood, called the meeting to order at 1:00 PM on May 17, 2013.

The following awards were presented at the 2013 Spring Meeting.

a. The Victor Drill Award
   i. First Place: Christopher D. Ackerman, MBS (Department of Pharmacology, Midwestern University, Downers Grove IL) – *Evaluation of Early-Stage Biomarkers of Cadmium Nephrotoxicity*
   ii. Second Place: Benjamin E. Lucas, (Comparative Biosciences, University of Illinois, Urbana IL) – *Allergenic Antibiotics (BLactams and Sulfonamides) Induce Oxidative Stress in Keratinocytes*

b. The Young Investigator Award
   Tracie Baker, University of Wisconsin - Madison

IV. SOT Funding and General Finances
For the 2012-2013 term, the chapter succeeded in continuing to maintain a modest budget surplus for the year. Abbott Laboratories/Abbvie donated time and monies to the organization this past year’s meetings. These contributions are greatly appreciated by the MRC-SOT.

V. Summary
The MRC-SOT successfully planned two scientific meetings this past year with approximately 70 attendees at each meeting. A joint mixer was held with the Northland regional group at the 2013 SOT meeting, and the MRC-SOT was represented with a poster in the Regional group poster presentations. In the midst of hosting two meetings, the chapter has been able to maintain a stable, modest financial surplus. The MRC-SOT Executive Committee is looking forward to perpetuating this success during the 2013-2014 term.
Appendix I

32nd Annual MRC/SOT Fall Meeting  
*October 19, 2012*

Abbott Laboratories, Abbott Park, Illinois

“Impurities from Pharmaceutical Drugs and Extractables and Leachables from Medical Devices in Product Development”

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**Registration/Continental Breakfast**  
8:00 - 8:45 am

**Welcome and Introduction**  
Susa Henwood, President  
*Covance Laboratories*

Greg Erexson, President-Elect  
*Abbott Laboratories*

8:45 – 9:00 am

**AM Presentations**  
Dr. Shuhong Zhang  
*Abbott Laboratories*

“Controlling Impurities in Early Phase Development”  
9:00 – 10:00 am

**Morning Break**  
10:00-10:30 am

Dr. Dennis Jenke  
*Baxter International*

“Qualitative and Quantitative Methods used for Extractables and Leachables from Medical Devices”  
10:30-11:30 am

**Lunch**  
11:30 – 1:00 pm

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**PM Presentations**  
Dr. Nina Seme Nelson  
*Covance Laboratories*

"Impurities from a Toxicology Perspective"  
1:00 - 2:00 pm

**Dr. Greg Erexson**  
*Abbott Laboratories*

"Toxicology Risk Assessments for Extractables and Leachables Profiles from Medical Devices and their Components"  
2:00 – 3:00 pm

**Concluding Remarks**  
3:00-3:15 pm

Susan Henwood, President  
*Covance Laboratories*

Greg Erexson, President-Elect  
*Abbott Laboratories*
Appendix II

33rd Annual MRC-SOT Spring Meeting
17 May 2013

Marriott Lincolnshire, Lincolnshire, Illinois

“Distinguishing Between Adverse and Nonadverse Findings in the Setting of No Observed Adverse Effect Levels (NOAELs)”
Registration/Breakfast
8:00 – 9:00 am

Welcome and Introduction
Susan Henwood, President
Covance Laboratories, Inc.
Gregory Erexson, President-Elect
AbbVie
9:00 – 9:15 am

Presentations

Dr. Bill Rhodes
AbbVie
“Adverse Events and the No Observed Adverse Effect Level (NOAEL) in General Toxicology Studies”
9:15 – 10:00 am

Dr. Tom Hudzik
AbbVie
“Identification of Convulsions and Premonitory Signs in Preclinical Species”
10:00 – 10:45 am

Refreshment Break
10:45 – 11:15 pm

2012 Young Investigator Award Presentation

Dr. Jessica Plavicki
University of Wisconsin-Madison
Understanding Dioxin-induced Cardiotoxicity: The Role of the Epicardium
11:15-11:45 am

Graduate Student and Postdoc Poster Competition
11:50 – 12:20 pm

Luncheon
12:20 – 1:00 pm

MRC-SOT Business Meeting and Student Poster Awards
1:00 – 1:30 pm

Presentations

Dr. Jeff McKee
Baxter Healthcare Corporation
“Interpreting Cardiovascular Signals in the Context of Risk Assessment
1:30 – 2:15 pm

Dr. Belén Tornesi
AbbVie
“Determination NOAELs in Developmental and Reproductive Toxicity Studies”
2:15 – 3:00 pm

Dr. George Foley
AbbVie
“Pathological Perspective Regarding the Determination of NOAELs”
3:00 – 3:45 pm

NOAEL Discussion (Audience and Speakers)
3:45 – 4:15 pm

Concluding Remarks

Susan Henwood, President
Covance Laboratories, Inc.
Gregory Erexson, President-Elect
AbbVie
4:15 – 4:30 pm
Appendix III

Minutes, 2013 Business Meeting, MRC-SOT

The Midwest Regional Chapter, Society of Toxicology Spring Meeting was held at the Marriott Lincolnshire Resort on May 17, 2013. The spring business meeting was called to order by President, Susan Henwood at 1:00 pm.

I. Executive Committee Members: Roll Call

   a. Present: Kristin Blanke, Greg Erexson, Susan Henwood, Laura Kreckler, Lise Loberg, Jen Olsen, Christina Wilson,

   b. Absent: Mary Jo Laws, Joshua Edwards, Ronnie Yaeger

II. Motion to Approve Business Meeting Minutes (18 May 2012)

   a. Business meeting minutes from 18 May 2012 were approved.

III. President’s Report

Susan Henwood discussed the success of the 2012 Fall Midwest Regional Chapter that was held on October 19th at Abbot Laboratories, Abbot Park, Illinois. Susan emphasized the successful planning for this meeting and thanked Greg Erexson (President-elect) for planning this successful fall meeting.

Susan also recognized individuals, organizations, academic institutions, and consultant for their monetary donations and donations of participants, time, and resources to the regional chapter’s endeavors. Special thanks were extended to Abbvie for their support in providing the location for the fall meeting and for providing the programs for the Fall and Spring meetings. SOT National was also recognized for their continued support of our regional society.

IV. Treasurer’s Report

Lise Loberg gave the Treasurer’s report. At that time, the chapter’s assets totaled $15,985. This did not include any of the deposits or costs incurred from the 2013 Spring meeting.
V. Membership Report

Secretary, Jennifer Olsen, announced that the current chapter membership included 141 members. Of the total membership, 24 are student members. This represents a 22% decrease in membership from 2012. She thanked everyone for their continued membership and participation in the organization.

VI. Student Report

Student Representative, Kristina Blanke, recognized the achievements and awards that the student members in the chapter had accomplished during the past year. This included their participation in SOT organizations and elected positions for which some of them had been involved.

VII. Election Report

Past President, Christina Wilson, presented the election results and welcomed the following incoming officers for the 2013-2014 year:

President-Elect: Michael Biehl
Treasurer: Yi Yang
Councilor: Tina Kauer
Councilor: Ofek Bar-ilan

VIII. Presentation of Student Awards

Susan Henwood presented the following student awards during the business meeting.

a. Presentation of the Victor Drill Award

i. This award was presented to Christopher D. Ackerman, MBA, from the Department of Pharmacology, Midwestern University, Downers Grove IL for his poster entitled “Evaluation of Early-Stage Biomarkers of Cadmium Nephrotoxicity.”

ii. The second runner-up for this award was presented to Benjamin E. Lucas from the Department of Comparative Biosciences, University of Illinois, Urbana IL for his poster entitled “Allergenic Antibiotics (BLACTAMS and Sulfonamides) Induce Oxidative Stress in Keratinocytes.”
b. Presentation of the Young Investigator Award

i. The recipient of this award was presented to Tracie Baker from the University of Wisconsin-Madison for her research on the transgenerational effects of dioxin on reproductive capabilities and skeletal development in zebra fish.

IX. Presentation of the Kenneth DuBois Award for Outstanding Career Achievement

Due to the lack of nominations, this award was not given out at the meeting this year.

X. Recognition of Outgoing Chapter Officers

Susan Henwood recognized and thanked all of the outgoing MRC-SOT Executive Committee members. She thanked Christina Wilson, Past-President, for her many years of service to the organization. She also thanked Treasurer, Lise Loberg, and Councilors, Yi Yang and Joshua Edwards, for their commitment to the Society.

XI. Closing Remarks

Susan thanked everyone again for their commitment and participation in the regional chapter and for making our fall and spring meetings a success. She adjourned the meeting at approximately 1:14 pm.