

2010-2011 Annual Report

Midwest Regional Chapter – Society of Toxicology

I. Time Period

This report covers the time period June 1, 2010 – May 30, 2011

II. Officers

A. The officers for the 2010-2011 year were:

President	Matthew Shroeder, Covance
President-Elect	Christina Wilson, Purdue University
Past President	Walter C. Prozialeck, Midwestern University
Treasurer	Molly Weiler, Covance
Secretary	Thomas Mably, Covance
Councilor	Lise Loberg, Abbott Laboratories
Councilor	Michael Biehl, University of Illinois
Councilor	Greg Erexson, Abbott Laboratories
Councilor	Susan Henwood, Covance
Student Representative	Tammy Elmergreen, University of Wisconsin
Post-doc Representative	Vacant

B. The officers for the 2011-2012 year are:

President	Christina Wilson, Purdue University
President-Elect	Susan Henwood, Covance
Past President	Matthew Shroeder, Covance
Treasurer	Lise Loberg, Abbott Laboratories
Secretary	Thomas Mably, Covance
Councilor	Michael Biehl, University of Illinois
Councilor	Greg Erexson, Abbott Laboratories
Councilor	Yi Yang, Abbott Laboratories
Councilor	Joshua Edwards, Midwestern University
Student Representative	Kristina Blanke, University of Wisconsin
Post-doc Representative	Vacant

III. **General Meetings**

A. **Fall Meeting 2010**

The Fall Annual Meeting was held on Friday, November 12, at Eli Lilly & Company in Indianapolis, IN. Approximately 20 people, from IL, WI, and IN attended the meeting. President-elect Christina Wilson served as Program Chair for the meeting, which focused on the topic “Investigative Toxicology: Concepts and Applications”. Feedback regarding the program and speakers was good. A copy of the schedule for the meeting that includes a list of speakers and their topics is attached as Appendix I.

B. **Spring Meeting 2011**

The Spring Annual Meeting was held on Friday, May 20 at the Marriott Resort in Lincolnshire, IL. The day-long meeting focused on the theme “Large Molecule Therapies and Applied Pharmaceutical Toxicology”. The program featured an outstanding panel of speakers from both academia and industry. A copy of the program is attached as Appendix II. Approximately 75 people from IL, WI and IN attended the meeting. Feedback regarding the program was extremely positive. In addition, the chapter’s annual awards were presented at the meeting (see item IV below). A copy of the minutes from the business portion of the meeting is attached as Appendix III.

C. **Plans for 2011-2012 Meetings**

The 2011 Fall Meeting has been tentatively scheduled for Friday, October 28 at the Hilton Garden Inn in Champaign-Urbana. President-elect Susan Henwood will serve as Program Chair. The topic for this program will be “Reproductive Toxicology”. The program and details regarding the meeting will be finalized in the near future.

The 2011 Spring Meeting will be held on May 18, at the Marriott Lincolnshire (IL) Resort. The topic has yet to be determined but the facilities have been reserved.

IV. The following chapter awards were presented at the 2010 Spring Meeting

A. **Kenneth DuBois – Career Achievement Award**

The award was presented to Dr. Wanda Haschek-Hock by Dr. Michael Biehl, who had co-nominated Dr. Haschek-Hock for the award. Dr. Haschek-Hock’s, who is professor emeritus of pathobiology at the University of Illinois at Urbana-Champaign, many achievements included the development of the Toxicologic pathology specialization in the combined residency/PhD program at the University of Illinois. Her seminal research on the toxicities of compounds such as T-2 mycotoxin, fumonisin B1, microcystin-LR and acetaminophen, along with her work in respiratory toxicologic pathology and other naturally occurring clinical toxicoses, have resulted in 113 peer-reviewed publications. She has also co-edited the *Handbook of Toxicological Pathology* and *Fundamentals of Toxicological Pathology*,

both standard texts in the field. Dr. Haschek-Hock has served the Society of Toxicology in many capacities, including associate editor for its journal. Most recently, she has served on the Board of Governors for the American Society of Veterinary Clinical Pathology/Society of Toxicologic Pathology Coalition. Dr. Biehl described Dr. Haschek-Hock as "a model for the Society of Toxicology and an example of tireless service to its organizational goals."

B. Victor A. Drill Award (student poster presentation).

1. First Place – Jeremy Larson, University of Wisconsin-Milwaukee
2. Second Place – Tammy Elmergreen, University of Wisconsin

C. Young Investigator Award

1. Ashley Brinkman, University of Wisconsin

V. Newsletters and Website

Chapter newsletters were published both in the Fall 2010 and Spring 2011. Members were notified of the publications via email and the documents were posted on the chapter's website.

VI. SOT Funding and General Finances

SOT approved the chapter's request for travel support expenses for speakers at the 2010 Fall Meeting. This support from SOT is greatly appreciated. The chapter continued to maintain a modest budget surplus for the year. Monetary and time commitment contributions during the past year have included donations by various sponsors including: Abbott Laboratories, Charles River Laboratories, Covance, Eli Lilly and Company, Midwestern University-Department of Pharmacology, Reid Patterson Consulting, Robin Guy Consulting, Society of Toxicology National Headquarters and WIL Research Laboratories. Staff from Midwestern provided logistical support for the spring meeting. All of the contributions, both monetary and non-monetary were greatly appreciated.

VII. Other Activities

A. Other notable activities during the past year included:

1. The executive committee investigated possibly adding vendors to our Spring meeting to bring in extra revenue.
2. Dr. Wanda Haschek-Hock has suggested that we do a joint General Toxicology/Pathology meeting in the Fall. The committee is looking into this as a possible joint meeting.
3. The executive committee is putting out feelers for possibly filling the MRC-SOT postdoctoral position.

4. Robin Guy, a past president of MRC has continued to provide valuable assistance in working with the Marriott Resort in scheduling and logistical planning of our Spring Meetings.

VIII. **Summary**

In summary, MRC-SOT has had another successful year. The organization continues to provide quality scientific programs and foster interactions among toxicologists in IL, WI and Northwestern IN. The financial status of the chapter continues to be sound. The officers are committed to continuing this success in the coming year.

Report Prepared by Matthew D. Schroeder, MRC-SOT President, 07 June, 2011.

Appendix I

29th Annual MRC/SOT Fall Meeting

November 12, 2010

Eli Lilly & Company, Indianapolis, Indiana

“Investigative Toxicology: Concepts and Applications”

Registration

12:00 – 1:00 pm

Welcome and Introduction

1:00 – 1:15 pm

Matthew Schroeder, President
Covance Laboratories
Christina Wilson, President-Elect
Purdue University

Presentations

James McKim, PhD, DABT
CeeTox, Inc.
*“Developing and Utilizing In Vitro Toxicity
Screens that Predict In Vivo Effects”*
1:15 – 2:00 pm

Tom Baker, BS
Eli Lilly & Company
*“Strategic Application of In Silico and
Surrogate Safety Screens in Early Drug
Discovery”*
2:00 – 2:45 pm

Refreshment Break

2:45 – 3:15 pm

Presentations

Ruili Huang, PhD
NIH Chemical Genomics Center
*“Quantitative High-Throughput Profiling for
Compound Cytotoxicity and Predictive Model
Building”*
3:15 – 4:00 pm

John Nicolette, MS, DABT
Abbott Laboratories
*“Reducing Preclinical Safety Failures Due to
Toxicity Using Predictive In Vitro Models”*
4:00 – 4:45 pm

Concluding Remarks

4:45 – 5:00 pm
Matthew Schroeder, President
Covance Laboratories
Christina Wilson, President-Elect
Purdue University



Appendix II

Midwest SOT Spring Meeting (20 May 2011)

Large Molecule Therapies and Applied Pharmaceutical Toxicology

Registration/Breakfast

8:00 – 9:00 am

Welcome and Introduction

9:00 – 9:15 am

Matthew Schroeder, President
Covance Laboratories
Christina Wilson, President-Elect
Purdue University

Presentations

Janet Clarke, PhD, DABT

Biogen Idec, Inc.

*“Toxicology of Biotherapeutics: Current Issues,
Misconceptions and Perspectives”*

9:15 – 10:00 am

Sarfaraz Niazi, PhD

Therapeutic Proteins, Inc.

*“Toxicologic Basis of Biosimilar Regulatory
Compliance Worldwide”*

10:00 – 10:45 am

Refreshment Break

10:45 – 11:10 pm

**2010 Young Investigator Award
Presentation**

Amy Irving, BA

University of Wisconsin-Madison

2010 MRC-SOT Young Investigator Award Recipient
*“Influence of Environment on Colon Cancer: Using
the Pirc Rat Model to Study Inflammation, Vitamin
D and Aspirin”*

11:10 – 11:50 am

Graduate Student 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

Norbert Makori, BVM, MSc, PhD

WIL Research Labs, LLC

“Nonclinical Reproductive Toxicity Assessment”

1:30 – 2:15 am

Bharvin Patel, PhD

Eli Lilly & Company

*“Antisense Inhibition of Survivin for Cancer
Therapy”*

2:15 – 3:00 am

Concluding Remarks

Matthew Schroeder, President
Covance Laboratories
Christina Wilson, President-Elect
Purdue University
3:00 – 3:15 am

Appendix III

Minutes, 2011 Business Meeting, MRC-SOT

The Midwest Regional Chapter, Society of Toxicology Spring Meeting was held at the Marriott Lincolnshire resort, May 20, 2011. The spring business meeting was called to order by President, Matthew Schroeder at 1:15 PM.

I. President's Report

Matthew Schroeder discussed the small turnout at the Fall meeting, but was encouraged by the excellent turnout at the Spring meeting. Matthew mentioned the interest in holding the Fall meeting at the University of Illinois in Champaign-Urbana and the meeting being a joint meeting between General Toxicology and Pathology. The hope with the joint meeting is to keep interest for the Fall meeting.

II. Treasurer's Report

Matthew Schroeder spoke for Molly Weiler as she is currently out of the country. The current balance is around \$19,000 in the Treasury. This does not include any of the deposits from the current Spring meeting.

III. New Council Members

Matthew Schroeder presented the election results and welcomed the incoming officers for the 2011-2012 year.

President-Elect: Susan Henwood, Covance
Treasurer: Lise Loberg, Abbott Laboratories
Councilor: Joshua Edwards, Midwestern University
Councilor: Yi Yang, Abbott Laboratories

IV. DuBois Award

The award was presented to Dr. Wanda Haschek-Hock by Dr. Michael Biehl, who had co-nominated Dr. Haschek-Hock for the award. Dr. Haschek-Hock's, who is professor emeritus of pathobiology at the University of Illinois at Urbana-Champaign, many achievements included the development of the Toxicologic pathology specialization in the combined residency/PhD program at the University of Illinois. Her seminal research on the toxicities of compounds such as T-2 mycotoxin, fumonisin B1, microcystin-LR and acetaminophen, along with her work in respiratory toxicologic pathology and other naturally occurring clinical toxicoses, have resulted in 113 peer-reviewed publications. She has also co-edited the *Handbook of Toxicological Pathology* and *Fundamentals of Toxicological Pathology*, both standard texts in the field. Dr. Haschek-Hock has served the Society of Toxicology in many capacities, including associate editor for its journal. Most recently, she has served on the Board of Governors for the American Society of Veterinary Clinical Pathology/Society

of Toxicologic Pathology Coalition. Dr. Biehl described Dr. Haschek-Hock as "a model for the Society of Toxicology and an example of tireless service to its organizational goals."

V. Victor A. Drill Award

The first place poster (Victor A. Drill) award was presented to Jeremy Larsen, from the University of Wisconsin-Milwaukee, who will receive a \$1,500 grant for his poster entitled "Gold Nanoparticles Alter Progesterone Accumulation via a Potentially Novel *star*-dependent Mechanism in a Rat Ovary Culture Model".

The second place poster (Victor A. Drill) award was presented to Tammy Elmergreen, from the University of Wisconsin, who will receive \$100 for her poster entitled "Vascular Cell Specific Function of Cytochrome P450 1B1".

VI. Young Investigators Award

This award was presented to Ashley Brinkman for her research proposal on "Regulation of Aryl Hydrocarbon Receptor - Estrogen Receptor Beta Crosstalk by Polycyclic Aromatic Hydrocarbons". Ashley is a graduate student at the University of Wisconsin-Madison and was not able to attend the meeting. She will be informed of the award by the committee.

VII. Recognition of Outgoing Officers

Matthew thanked Walter Prozialeck for all the help he has given over the past three years. He also thanked Tammy Elmergreen for her service as Student Representative. Matthew mentioned that Molly Weiler was the only other member of the group that was leaving. He will thank her when she gets back. Two other individuals changed jobs. Susan Henwood changed position from Councilor to President Elect and Lise Loberg changed position from Councilor to Treasurer.

Matthew thanked all of the individuals and speakers who helped with the Spring Meeting. The meeting was adjourned at 1:36 PM