

# CENTRAL STATES REGIONAL CHAPTER

## ANNUAL REPORT: 2016-2017

May 1, 2016 to April 30, 2017

### I. Officers/Committees:

| <u>Officers</u>      | <u>2015-2016</u>     | <u>2016-2017</u>     |
|----------------------|----------------------|----------------------|
| President:           | Udayan Apte          | Andrea Dodd          |
| President-Elect:     |                      |                      |
| Secretary/Treasurer: | Hans-Joachim Lehmler | Hans-Joachim Lehmler |
| Past President       | Claire Croutch       | Udayan Apte          |
| Councilors:          | James Sacco          | Partha Kasturi       |
|                      | Diane Rohlman        | James Sacco          |
| PDA Representative:  |                      | Hemant Chavan        |
| GSLC Representative: |                      | Prachi Borude        |

### II. Activities:

**Executive committee meetings** were held multiple times throughout the year in the form of conference calls, following topics were discussed: election, executive committee nominations, yearly activities, budget, sponsorships, annual meeting attendance, John Doull award nominations, oral presentation and poster judging process etc.

#### 2016 SOT Annual Meeting:

CSSOT Fall Annual Meeting was held at the University of Iowa, College of Public Health, in Iowa City, November 17-18, 2016. The meeting was co-hosted by Environmental Health Sciences Research Center. The main theme of this meeting was “Biological Pathway-Based Approaches in Health Assessment of Environmental Xenobiotics.” The meeting was attended by 68 attendees, including graduate students, postdoctoral fellows and representatives from industry and academia from all locations of the regional chapter.

There were two invited keynote speakers at the meeting: Dr. Kevin Crofton from U.S. Environmental Protection Agency and Dr. James Blattner from SC Johnson. Two other invited speakers were from the University of Iowa, Internal Medicine (Dr. Alejandro Comellas) and College of Engineering (Dr. Rachel Marek). The diversity of the speakers supported so much needed interdisciplinary approach in the field of toxicology especially in the health assessment of xenobiotics. Postdoctoral fellows and graduate and undergraduate students presented their oral or poster presentations. There were total of 29 abstracts published in the Meeting booklet.

Travel awards for oral presentations (\$350) were presented to following graduate students:

*Shivani Ghaisas, Iowa State University*

Chronic Exposure to Manganese Causes Selective Changes in the Enteric Nervous System and Gut Physiology Leading to Altered Nutrient Metabolism and Intestinal Motility

*Taehyun Roh, University of Iowa*

Low-level Arsenic Exposure from Drinking Water and Prostate Cancer in Iowa

Travel awards for poster presentation (\$250) were presented to following graduate and undergraduate students:

*Nicole M. Brandon*

Toxicokinetics of <sup>14</sup>C-labeled PCB28 in vivo

*Sarah Mann*

Prevalence of functionally significant Glutathione S-transferase P1 (GSTP1) genetic polymorphisms in dogs

*Barbara Okeke, University of Iowa*

Changes in Biomarkers related to λ-Cyhalothrin pesticide exposure in adolescents

*Dharmin Rokad, Iowa State University*

Molecular Mechanisms of Manganese-Induces Exosome Release and its Relevance to Synucleopathies

**2016 John Doull Award** was presented to Dr. Gabrielle Ludewig, PhD, from the University of Iowa.

### **2017 SOT Annual Meeting Reception**

For last five years, CSSOT has hold its annual retreat at the SOT annual meeting in the form of Breakfast meeting. The 2017 CSSOT Breakfast meeting was held at B & O American Brasserie, in Baltimore, MD on March 13<sup>th</sup>. This meeting was attended by 25 people. The winners of oral and poster presentation from the fall meeting were presented with the cash awards. The new executive committee officers were introduced and the next meeting in Ames was discussed.

### **Endowment Fund Details:**

Due to the sponsorship from outside the SOT as well SOT support received for strategic activity of the chapter and annual meeting, the chapter's budget has been in plus.

### **Newsletters:**

The newsletter for the chapter's activities for last year is in progress and will be published online on CSSOT website by the end of this year.

### **Webinars:**

There were no webinars in this period.

**White Papers:**

There were no white papers published in this period.

**Contributions to CSSOT website:**

The CSSOT website was updated with activities for the current year.

**Other Regional Chapter 2016-2017 Activities:**

CSSOT has received a funding to support Strategic activity of the chapter for graduate and postgraduate students. This activity was a face-to-face meeting of graduate students and postdoctoral fellows with a representative from federal agency (US EPA) as well as industry (SC Johnson) to talk about job opportunities, their work experience as toxicologist, as well as other current issues in the field of toxicology. This was a great opportunity for students and postdoctoral fellows; they especially appreciated views from both sides: government and industry on the same issues.

**2017 CSSOT Annual Meeting** is scheduled for September 21-22 in Ames. The main theme this meeting is Global Toxicology.