In this issue:

Spring is around the corner and the preparations for the New Orleans Meetings are nearly completed. An outstanding program is planned and scientists from all over the world are expected. This event again is very important for translating toxicological science in clinical practice. We have supported a variety of symposia and workshops as well as CE courses to bring forward these ideas. I am sure, that our reception will be a highlight of the meeting and hope to welcome all of you!

A huge load of work was done throughout the year and I would like to thank all the officers of our CTTSS for their excellent contribution. It was a pleasure and an honor to work with such an outstanding team. In May, the new officers will become part of the team and I will hand over the Presidency to Dr. Jiri Aubrecht. I would like to thank the outgoing officers and wish good luck to the new team!

Prof. Dr. Horst Thiermann
President
The **CTTSS Reception and Business Meeting** will be held on **Tuesday, March 15th 2016**

6:00 to 7:30 pm

at the

Hilton New Orleans Riverside

Grand Salon 16

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6:00 – 6:30

Appetizers and Refreshments

6:30 – 6:50

Prof. Thomas Gudermann

(keynote speaker)

6:50 – 7:30

Business Meeting and CTTSS Award Ceremony

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We hope to see you at the reception!

This will be a great opportunity to make new acquaintances, renew old ones, and network with colleagues old and new. A short business meeting will be held to report on the Specialty Section’s activities in the last year, to present awards and to discuss plans for future activities.

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The **CTTSS Officers Meeting** will be held on **Monday, March 14th 2016**

6:30 to 8:00 am

at the

Convention Center

La Nouvelle Orleans

Ballroom B
Prof. Dr. Med. Thomas Gudermann, is the director of Walther Straub Institute of Pharmacology and Toxicology, Ludwig-Maximilians-Universität (LMU) München. He studied medicine at University of Münster Medical School and Ben Gurion University, Israel. He worked for 3 years as postdoctoral fellow at Baylor College of Medicine, Houston, Texas and changed to the University Hospital Münster, University of Münster as clinical and research fellow. After 2 years, he changed to Institute of Pharmacology, Free University of Berlin. 1999 he was appointed full professor and chair of Pharmacology at the University of Marburg. In 2008, he changed to Munich and was appointed director of Walther Straub Institute of Pharmacology and Toxicology, LMU Munich. He received several prices and honors, is author of more than 200 high ranked manuscripts and one of the leading experts in pharmacology and toxicology. One of his main topics are TRP-channels.

Toxic inhalation hazards (TIH) released in occupational settings or terrorist scenarios are of utmost public concern. Because of their broad chemical reactivity, resultant lung injury has been regarded as unspecific, addressable only by symptomatic treatments. However, recent years have witnessed a paradigm shift, because it has been appreciated that distinct chemoreceptors like Transient Receptor Potential (TRP) ion channels mediate toxic effects. Subsequently, the identification of distinct chemically induced signaling pathways in lung cells linking the cell membrane to the nucleus was a major step forward in the mechanistic understanding of the action of TIHs and possible pulmonary defense systems, paving the way for more causal and specific therapeutic options. The presentation will illustrate the potential role of TRP channels as defined therapeutic targets that can be leveraged for the treatment and prevention of toxic lung injury.
The CTTSS is pleased to announce the winners of the section’s awards for this year, both intended to help defray some expenses for travel of a student and a postdoctoral fellow to present their research at the SOT annual meeting in New Orleans. Both awardees will receive a recognition plaque and more importantly a check at our Section reception at the annual meeting. We hope that you are able to attend the reception to warmly greet our winners. As an aside, this was a great year for these awards because of a heavy competition in both categories, making the job of the Awards Committee most difficult. We have provided the presentation information for our two winners below – we hope that you have time to visit our winners at their presentations and to congratulate them.

Zheng Xu, the winner of the Student Travel award, is enrolled at University of Louisville in the Department of Pharmacology & Toxicology under the mentorship of Lu Cai, MD, Ph.D.

The title of his abstract is “Preventive Effects of Broccoli Sprout Extracts on the Development of Diabetic Cardiomyopathy in db/db T2DM Mice Is Associated with the Up-regulation of Nrf2 Expression and Function”. His abstract number is 2601.

His platform presentation is Wednesday, March 16, 2016 at 11:15 AM at the Convention Center, Room 206.

Eun-Young Lee, Ph.D., the winner of the Postdoc Travel award, is working in the Department of Neurology at Penn State under the mentorship of Xuemei Huang, MD, Ph.D.

The title of her abstract is “Decreased fractional anisotropy in globus pallidus of "asymptomatic" welders”.

Her abstract and poster numbers are 2367 and P338, respectively.

Her poster presentation is Tuesday March 15, 2016 from 1:15 PM to 2:45 PM.
CTTSS-sponsored Continuing Education Course, Workshop and Symposia

CE Course

“Discovery and Validation of miRNA Biomarkers Bridging Preclinical and Clinical Toxicity: Lessons Learned from Hepatotoxicity,” is scheduled for Sunday, March 13, 2016 at the Ernest N. Morial Convention Center, second floor.

Symposia

“Drug-induced taste change in clinical practice and preclinical safety evaluation,” is scheduled for Tuesday, March 15, 2016, 9:30 AM to 12:15 PM at the Ernest N. Morial Convention Center, Room R06.

“Dietary exposures to heterocyclic amines as a potential risk factor for neurological disease,” is scheduled for Monday, March 14, 2016 at the Ernest N. Morial Convention Center, Room R04.

Workshop

“The role of gene SLC30A10 on manganese homeostasis and functional outcomes: Implications for homeostasis and neurotoxicity,” is scheduled for Tuesday, March 15, 2016, 2:00 PM to 4:45 PM at the Ernest N. Morial Convention Center, Room R02.

“Sulfur mustard poisoning: mechanisms of dermal and pulmonary toxicity and new treatment approaches,” is scheduled for Wednesday, March 16, 2016, 9:30 AM to 12:15 PM at the Ernest N. Morial Convention Center, Room R02.
Symposia

Continued…

“‘Novel roles of reactive oxygen species (ROS) in human diseases: Why ROS never gets stale,’” is scheduled for Wednesday, March 16, 2016, 2:00 PM to 4:45 PM at the Ernest N. Morial Convention Center, Room R08.

“‘Mitochondrial dysfunction as a pathogenic mechanism and therapeutic target for neurodegenerative diseases,’” is scheduled for Thursday, March 17, 2016, 9:30 AM to 12:15 PM at the Ernest N. Morial Convention Center, Room 208.

Congratulations to the new officers!

Haiyon Tung- Secretary Treasurer

John Michael Sauer- Vice-President Elect

John Benitez- Councilor