Co-Hosted by SOT

Hawaii

IUTOX 15th International Congress of Toxicology

July 15–18, 2019 | Hawaii Convention Center, Honolulu, Hawaii, USA

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Meeting Overview

**TITLE:** The IUTOX 15th International Congress of Toxicology (ICTXV)

**DATE:** July 15–18, 2019

**VENUE:** Hawaii Convention Center, Honolulu, Hawaii, USA

**THEME:** Toxicology Solutions for Global Public, Environmental, and Personal Health

**HOSTS:** International Union of Toxicology (IUTOX), Society of Toxicology (SOT)

**WEBSITE:** [https://www.toxicology.org/events/ict/index.asp](https://www.toxicology.org/events/ict/index.asp)

- 957 Attendees
- 8 Continuing Education Courses
- 4 Keynote Lectures
- 20 Symposia
- 3 Trainee Sessions
- 652 Poster Presentations
- 48 Platform Presentations
- 18 Exhibitors
Aloha, colleagues!

Thanks in large part to the members of our planning committees, we were pleased to bring a fantastic scientific program to Honolulu, Hawaii, for the 15th International Congress of Toxicology (ICTXV). “Aloha” is more than a greeting or farewell. One of its meanings is “connectedness.” At this triennial global conference, the theme of “Toxicology Solutions for Global Public, Environmental, and Personal Health” brought together 957 scientists in academia, government, and industry from East and West, North and South, to renew existing and foster new connections and to learn about the latest developments in toxicological science and regulation.

The Society of Toxicology (SOT) was pleased to partner with the International Union of Toxicology (IUTOX) to host the first ICT held in the United States since ICTVI in 1995. The production of this meeting reflects the hard work and countless hours from our volunteers in creating an expansive program and an environment both welcoming and educational in which presenters from around the globe informed their peers of toxicological challenges and solutions applicable to their own countries and regions and beyond. The SOT was glad to uphold the ICT tradition of providing educational and capacity-building opportunities for all toxicologists by providing expertise through a scientific conference that recognizes the needs of scientists throughout our global community. The inclusive and diverse program highlighted excellence in the science and practice of toxicology around the globe, balancing interests of different countries and world regions:

- Nearly 60% of session speakers from outside of the US, representing 22 countries
- 45% of Symposia and Continuing Education presentations made by women
- 38% of Poster and Platform presenters from countries where toxicology is underrepresented
- Abstract submissions represented authors from a total of 58 countries
- IUTOX and SOT provided nearly 50 travel awards to attend
- SOT provided two days of lunch vouchers to those from countries where toxicology is underrepresented in order to help offset the cost of attendance

Thank you to our generous sponsors and exhibitors for providing additional content and making the meeting experience that much more enjoyable for all attendees. We hope to see you somewhere in the world in 2020!

Sincerely,

William Slikker Jr.  
ICTXV Organizing Committee Chair

Ivan Rusyn  
ICTXV Scientific Program Committee Chair

Peter Goering  
ICTXV Continuing Education Committee Chair
**Program Overview**

**Monday, July 15, 2019**
- Exhibitor Set-Up 8:00 AM–4:00 PM
- Continuing Education Courses 9:00 AM–11:30 AM
  Separate Registration Required
- Lunch and Networking Time 11:30 AM–2:30 PM
- Continuing Education Courses 2:30 PM–5:00 PM
- Opening Ceremony 5:00 PM–6:00 PM
- Deichmann Lecture: Linda Birnbaum 6:00 PM–7:00 PM
- Welcome Reception in Exhibit Hall 7:00 PM–8:30 PM

**Tuesday, July 16, 2019**
- Keynote Lecture: Peter Warner 8:00 AM–8:50 AM
- Scientific Symposia 9:00 AM–11:00 AM
- Exhibitor-Hosted Sessions 11:30 AM–12:30 PM
- Soft Skills Workshop 11:30 AM–1:20 PM
  Separate Registration Required
- Exhibit Hall Open 12:00 Noon–6:30 PM
- Exhibitor-Hosted Sessions 1:00 PM–2:00 PM
- Scientific Symposia 2:30 PM–4:30 PM
- Poster Session 1 and Refreshments in Exhibit Hall 4:30 PM–6:30 PM

**Wednesday, July 17, 2019**
- Keynote Lecture: Christopher Austin 8:00 AM–8:50 AM
- Scientific Symposia 9:00 AM–11:00 AM
- Perspectives of Women in Toxicology 11:00 AM–12:30 PM
- Exhibit Hall Open 12:00 Noon–6:30 PM
- IUTOX General Assembly and Lunch 12:00 Noon–5:00 PM
  Open to IUTOX Member Society Leaders Only
- Find Your Mentor 12:30 PM–1:20 PM
- Scientific Symposia 2:30 PM–4:30 PM
- Poster Session 2 and Refreshments in Exhibit Hall 4:30 PM–6:30 PM
- Gala Dinner and Reception 7:00 PM–10:00 PM
  Separate Registration Required

**Thursday, July 18, 2019**
- Keynote Lecture: MOA vs. AOP Debate 8:00 AM–9:15 AM
- Platform Presentations 9:30 AM–11:00 AM
- Platform Presentations 11:00 AM–12:30 PM
- IUPHAR-IUTOX Exchange Session 12:30 PM–2:30 PM
- Scientific Symposia 2:30 PM–4:30 PM
- Closing Ceremony 4:30 PM–5:30 PM
## Schedule At-a-Glance

### Monday, July 15
- **8:00 AM** Separate Registration Required for Altered Continuing Education Courses
- **10:00 AM**
  - CE AM01: Regulations of Chemical Risk Assessment to Establishing Food Safety Standards (Room 311)
  - CE AM02: Identification of Chemical Carcinogens Using Novel in Vitro Methods (Room 312)
  - CE AM03: Assessing Developmental Neurotoxicity Testing for Regulatory Assessment (Room 315)
  - CE AM04: Understanding Translational Biomarkers: Science and Qualification (Room 316)
- **12:30 PM** Lunch and Networking on Own
- **2:00 PM** Exhibit Hall Open 12:30 Noon-4:30 PM
- **5:00 PM** Opening Ceremony (Kilbassie Ballroom)
- **6:00 PM** Welcome Reception (Exhibit Hall)
- **9:00 PM**

### Tuesday, July 16
- **8:00 AM** Keynote Lecture: Peter Warner
  - Challenges in Global Health In Vivo Discovery and Translational Strategies (Kilbassie Ballroom)
- **10:00 AM**
  - SYM01: Emerging Models of Chemical Carcinogenesis (Room 312)
  - SYM02: International Efforts to Ensure Global Food Safety (Room 313)
  - SYM03: Understanding the Molecular Mechanisms of Environmental Toxicity: An In Vitro Approach (Room 315)
- **11:00 AM**
  - SYM04: Systems and Functional Impacts of Maternal Pulmonary Toxicology Exposures on the Offspring (Room 317)
  - SYM05: Nanotoxicology: The Next Generation of Toxicology (Room 318)
  - Sober Science Workshop (Room 319)
- **1:00 PM**
  - SYM06: Perspectives of Women in Toxicology (Room 312)
  - SYM07: Exploring New Frontiers in Toxicology (Room 313)
- **4:00 PM**
  - SYM08: Emerging CRISPR Applications in Environmental Toxicology (Room 315)
  - SYM09: Identifying Biomarkers of Exposure to Environmental Carcinogens (Room 317)
  - SYM10: New Approaches Methodology: A Global Perspective (Room 318)
- **5:00 PM**
  - Poster Session 1 and Refreshments (Exhibit Hall)
- **6:00 PM**
  - Welcoming Remarks: Linda Birnbaum
  - Human Health and the Environment: Global or Local? (Kilbassie Ballroom)
- **7:00 PM**
  - Gala Dinner and Reception (Kilbassie Ballroom)
  - Separate Registration Required

### Wednesday, July 17
- **8:00 AM** Keynote Lecture: Christopher Austin
  - The National Center for Advancing Translational Sciences CATS (Kilbassie Ballroom)
- **10:00 AM**
  - SYM11: Clinical and Mechanistic Aspects of Drug-Induced Liver Injury (Room 312)
  - SYM12: The Pathogenesis of Haematological Chromosome Abnormalities (Room 313)
  - SYM13: Effects of Environmental Mutagens on Brain Development and Function Based on Early Life Exposures (Room 314)
- **11:00 AM**
  - SYM14: The Cytogenetics of Haematological Chromosome Abnormalities (Room 315)
  - SYM15: Noncoding RNA: The Next Generation of Toxicology (Room 316)
- **1:00 PM**
  - SYM16: The Role of the Environment in Ovarian Toxicity (Room 317)
  - SYM17: Collaborative Approaches to Proactively Advancing New Technologies in Drug Development (Room 318)
  - SYM18: Incorporating Toxicology into Environmental Health Research to Address Outliers and Emerging Threats (Room 319)
- **5:00 PM**
  - Closing Ceremony (Kilbassie Ballroom)
 Committees

ICTXV Organizing Committee
William Slikker Jr., CHAIR
Richard Brown, WHO REPRESENTATIVE
Lorraine A. Buckley
Michael J. Carvan III*
Patricia E. Ganey*
Dori R. Germolec
Peter L. Goering
Lois D. Lehman-McKeeman
Ivan Rusyn
Judith T. Zelikoff

ICTXV Continuing Education Committee
Peter L. Goering, CHAIR
Dori R. Germolec, CO-CHAIR
Syed F. Ali
Marla Lucia Zaidan Dagli
Luz Maria Del Razo
Na Guan
Elizabeth A. Martin
Orish Ebere Orisakwe
Dieter Franz Schrenk
Takeki Uehara
Vishal S. Vaidya

ICTXV Giving Initiatives for International Funding of Toxicology (GI²FT) Committee
Lois D. Lehman-McKeeman, CHAIR
John A. Wisler, CO-CHAIR
Daniel Acosta Jr.
Lauren M. Aleksunes
Michael Aschner*
Norbert E. Kaminski
K. S. Rao
Takemi Yoshida

ICTXV Global Public Relations Committee
Judith T. Zelikoff, CHAIR
Mary Gulumian
Akihiko Hirose
Orish Ebere Orisakwe
Daam Saatchurian
Marlana Matera Veras

ICTXV Scientific Program Committee
Ivan Rusyn, CHAIR
Peter N. Di Marco, CO-CHAIR
Peter L. Goering, CO-CHAIR
Silvia B. M. Barros
Nursen Basaran
Emanuela Corsini
Claude Emond
Lijie Fu
Mary Gulumian
Keon Wook Kang
Yoshito Kumagai Sr.
Ofelia A. Olivero
Betzabet Quintanilla-Vega
William Slikker Jr., ICTXV CHAIR
M. Wahajuddin

ICTXV Social and Cultural Program Committee
Lorraine A. Buckley, CHAIR
Patrick Allard
Nursen Basaran
Alfredo Gallegos Torres
Arlean M. Rohde
María Carmen Rubio-Armendáriz
Monika A. Ward
W. Steven Ward
Grushenka H. I. Wolfgang
Venue

Hawaii Convention Center Map—Level 1

Hawaii Convention Center

The ICTAV Scientific Sessions and Continuing Education courses will be held in the Hawaii Convention Center located at 1151 Kalakaua Ave., Honolulu, HI 96815. The center provides ample space for networking opportunities both inside the air-conditioned rooms and on the many outside verandas.
Venue

Hawaii Convention Center Map–Level 4

Level 4

Legend

Ballroom / Roof Top Garden
A call for proposals was sent to all SOT members and IUTOX Member Societies in May 2017.

All completed submissions were reviewed by the Scientific Program and Continuing Education Committees, who worked closely with IUTOX and other societies to create an inclusive and diverse program that highlighted excellence in science and practice of toxicology around the globe.

Each symposium was scheduled for 120 minutes in length and included four speakers. Sessions accepted for the Scientific Program of ICTXV were announced at the SOT Annual Meeting in San Antonio, Texas in March 2018.

The following is a list of criteria that the Committees used to evaluate proposals.

**Criteria for evaluation of the Scientific Symposia for ICTXV:**
1. Scientific excellence of the proposed individual talks and the session overall.
2. Relevance of the topic of the Symposium to the overall theme of ICTXV, “Toxicology Solutions for Global Public, Environmental, and Personal Health.”
3. Balance of the scientific content with respect to the utility and relevance of the information presented for improving human and environmental health in countries with both robust and developing research and regulatory enterprises.
4. Speaker diversity with respect to the geographical area represented, gender, and sector (government, industry, academia, other).
5. Availability of support for speaker travel to ICTXV. [This criterion is not a requirement, but a strong encouragement.]

**Criteria for evaluation of the Continuing Education Course Proposals for ICTXV:**
1. Scientific excellence and educational content of the individual talks and the session overall.
2. Relevance of the topic of the Continuing Education course to the overall theme of ICTXV - “Toxicology Solutions for Global Public, Environmental, and Personal Health.”
3. Balance of the scientific content with respect to the utility and relevance of the information presented for improving human and environmental health in countries with both robust and developing research and regulatory enterprises.
4. Speaker diversity with respect to the geographical area represented, gender, and sector (government, industry, academia, other).
5. Availability of support for speaker travel to ICTXV. [This criterion is not a requirement, but a strong encouragement.]

**Dates and Activities**
Submission opened in June 2017, and proposals were accepted through December 31, 2017.

**Session Proposals**
- 75 Symposia
- 24 Continuing Education

**Accepted**
- 20 Symposia
- 8 Continuing Education

*Due to the number of proposals received, 20 symposia were slated versus the originally planned 15.*
# Call for Abstracts

## Topic Total Posters

<table>
<thead>
<tr>
<th>Topic</th>
<th>Total Posters</th>
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<td>Air pollution</td>
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<td>Alternatives to animal models</td>
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<tr>
<td>Biomarkers</td>
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<tr>
<td>Carcinogenesis</td>
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<tr>
<td>Cardiovascular toxicology</td>
<td>18</td>
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<tr>
<td>Clinical and translational toxicology</td>
<td>15</td>
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<tr>
<td>Computational toxicology, modeling, and kinetics</td>
<td>15</td>
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<tr>
<td>Ecotoxicology</td>
<td>18</td>
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<tr>
<td>Endocrine active compounds</td>
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<tr>
<td>Epidemiology and Public Health</td>
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<tr>
<td>Epigenetics</td>
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<td>Exposure assessment</td>
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<td>Food safety/Nutrition</td>
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<td>Genotoxicity and mutagenesis</td>
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<td>Immunotoxicology</td>
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<tr>
<td>Kidney</td>
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<td>Liver</td>
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<td>Metabolism of drugs and chemicals</td>
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<td>Metals</td>
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<td>Mixtures</td>
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<td>Nanotoxicology</td>
<td>39</td>
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<tr>
<td>Neurotoxicology</td>
<td>46</td>
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<td>Other</td>
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<td>Persistent Organic Pollutants</td>
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<td>Pesticides</td>
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<td>Reproductive, developmental, and juvenile toxicology</td>
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<td>Respiratory Toxicology</td>
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<td>Risk Assessment</td>
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<td>Safety assessment</td>
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<td>Skin</td>
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<td><strong>Total</strong></td>
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*(total represents accepted minus withdrawals)*

## Dates and Activities

- Abstract submissions were accepted from August 30 until **November 30, 2018**
- Late-breaking abstract submissions closed **March 25, 2019**
- **599** abstract submissions
- **568** (95%) abstracts accepted

**Late-Breaking Abstract Submission**
- **192** abstract submissions
- **179** (93%) abstracts accepted

**Total submissions: 791**
**Total acceptance: 747**
The ICTXV Final Program was delivered to attendees by email in early July 2019 and posted on the ICTXV website along with the full meeting schedule. The Final Program included all poster, platform, Symposia, and Continuing Education abstracts as well as information regarding schedule, registration, venue, and social programming and was available through the event app.
## Registration Rates:

<table>
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<tr>
<th>Category</th>
<th>Early Bird (By Apr. 15)</th>
<th>Standard (Apr. 16 to May 31)</th>
<th>Final (After June 1)</th>
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<tbody>
<tr>
<td>Full Registrant</td>
<td>$650</td>
<td>$700</td>
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<td>Student Registrant</td>
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<td>Guest (Non-scientist)</td>
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### ICTXV Gala and Reception Ticket:

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<tr>
<td>Gala Dinner</td>
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### Continuing Education Courses* (AM and PM)

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<tr>
<td>Full Registrant</td>
<td>$175 each</td>
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<td>Student Registrant</td>
<td>$75 each</td>
<td>$125 each</td>
<td>$175 each</td>
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*Individuals from developing countries were eligible for a $25 fee discount for CE courses.
The ICTXV had 957 registrants. The full registrant list is provided as attachment 4.
Registrants by Country (represents total registrants after cancellations)

<table>
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<th>Country</th>
<th>Exhibitor</th>
<th>Full</th>
<th>Guest</th>
<th>IUTOX Travel Awardee</th>
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<td><strong>102</strong></td>
<td><strong>957</strong></td>
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**Dates and Activities**
- Online registration, forms, and housing were available in **August 2018**
- **Deadlines**
  - Early-Bird Registration: April 15, 2019
  - Advance Registration: May 31, 2019
Registration Materials

Lanyard:

Badge:

Pocket Calendar:

First Name Last Name
Organization
City, State, Country

Reg Type
# Sponsor Levels and Benefits

## IUTOX ICTXY 2019 Sponsorship Opportunities

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<th>Organization</th>
<th>Sponsorship Amount</th>
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<td>Maui</td>
<td>SOT Past Presidents</td>
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<td>Oahu</td>
<td>The Allergan Foundation</td>
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<td>Oahu</td>
<td>Bristol-Myers Squibb</td>
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<td>Oahu</td>
<td>Charles River</td>
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<td>Pfizer</td>
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<td>*US Food and Drug Administration</td>
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<td>Procter &amp; Gamble</td>
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<td>John A. and Sandra K. Wisler</td>
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<td>Lanyards</td>
<td>WuXi AppTec</td>
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**TOTAL RECEIVED:** $75,600

*Grants received through NIH and FDA reflect totals after portion allocated to IUTOX awards.
Sponsor List

---

Hawaii ($15,000–$25,000)

NIH

---

Maui ($10,000–$14,999)

SOT Past Presidents

---

Oahu ($5,000–$9,999)

The Allergan Foundation

Bristol-Myers Squibb

charles river

Daiichi-Sankyo

FDA

Pfizer

---

Kauai ($2,500–$4,999)

ASCCT

HUMAN TOXICOLOGY PROJECT CONSORTIUM

The Japanese Society of Toxicology

---

Molokai ($1,000–$2,499)

Academy of Toxicological Sciences

Gilead Sciences, Inc.

ITR Laboratories Canada, Inc.

John A. and Sandra K. Wisler

Procter & Gamble

---

The SOT Endowment Fund provided travel award support for 25 scientists to attend.
Exhibitor Schedule

Monday, July 15
Exhibitor Set-Up: 8:00 AM-3:00 PM
CE Courses: 9:00 AM-5:00 PM
Welcome Reception in Exhibit Hall: 7:00 PM-8:30 PM

Tuesday, July 16
Exhibitor-Hosted Sessions: 11:30 AM-2:30 PM
Exhibit Hall Open: Noon-6:30 PM
Poster Session in Exhibit Hall: 4:30 PM-6:30 PM

Wednesday, July 17
Exhibitor-Hosted Sessions: 11:30 AM-2:30 PM
Exhibit Hall Open: Noon-6:30 PM
Poster Session in Exhibit Hall: 4:30 PM-6:30 PM
Booth Dismantling: 6:30 PM-9:00 PM

Exhibitors

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<td>WuXi AppTec</td>
<td>307</td>
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Session descriptions are included below as listed in the ICTXV Final Program.

**Tuesday, July 16**
**11:30 AM - 12:30 PM**

Global Initiatives for the Replacement, Reduction, and Refinement of Animal Use in Toxicology
Sponsored by: NC3Rs

This session will highlight work of the UK’s National Centre for the Replacement, Refinement and Reduction of Animals in Research (NC3Rs). The NC3Rs brings together international consortia of scientists from industry, academia and regulatory agencies to promote best practice within existing regulations and provide evidence supporting regulatory change where appropriate.

miRNA and Protein Biomarkers of Drug-Induced Organ Toxicity using FirePlex®
Sponsored by: Abcam

This session will highlight multiomic approaches for screening biomarkers of organ toxicity using the FirePlex® Platform. We will present data from preclinical animal models assessed for both miRNA and protein urinary biomarkers of drug-induced kidney injury (DIKI), and highlight candidate miRNAs that may serve as translational biomarkers of DIKI.

**1:00 PM - 2:00 PM**

In Silico Toxicology: From Fragment-Based QSAR to Deep Learning Networks
Sponsored by: MultiCASE

This session will cover the methodological changes in QSAR systems, developed by MultiCASE Inc. in the last 20 years. The advantages and disadvantages of used approaches will be presented along with examples of QSAR assessments, which can be performed with modern systems and cover broad aspects of in silico toxicology.
IUTOX Merit Award

Elaine M. Faustman
Institute for Risk Analysis & Risk Communication, University of Washington

The IUTOX Merit Award was received by Dr. Elaine Faustman during the Opening Ceremony on Monday, July 15, 2019.

Deichmann Plenary Lecture

Linda S. Birnbaum
National Institute of Environmental Health Sciences and National Toxicology Program

The Deichmann Lecture was delivered by Dr. Linda Birnbaum following the Opening Ceremony on Monday, July 15, 2019.

TEF Dixon Award

Lenny Kamelia, PhD Candidate,
Wageningen University & Research, The Netherlands

The Toxicology Education Foundation provided the Robert L. Dixon International Travel Award to support a graduate student in attending the 15th International Congress of Toxicology.
IUTOX Awards and Fellowships

IUTOX ICTXV Travel Award Recipients

Katarina Baralić  
Serbia

Anca Oana Docea  
Romania

Danijela Đukić-Čosić  
Serbia

María García-Espiñeira  
Colombia

Andrey Kukharenko  
Russia

Jinhua Li  
China

Kamakshi Mehta  
India

Umar Muhammed Bello  
Nigeria

Francis Okonkwo  
Nigeria

Kelly Olympio  
Brazil

Yuliana Parra-Forero  
Mexico

Betzabet Quintanilla-Vega  
Mexico

Sheikh Raisuddin  
India

Natasha Sanabria  
South Africa

Monruedee Sukprasansap  
Thailand

Hulya Turkan  
Turkey

Chinyere Usoro  
Nigeria

M. Wahajuddin  
India

Quanjun Wang  
China

Yuanyuan Xu  
China

Victor Yariwake  
Brazil

Itzel Zavala-Guevara  
Mexico

IUTOX ICTXV Travel Award Sponsors
SOT Awards and Fellowships

SOT Endowment Fund Travel Award Recipients

Stephen Abiola Akinola
South Africa

Chand Davuljigari Basha
India

Alejandro Déciga-Alcaráz
Mexico

Claudia Escudero-Lourdes
Mexico

Alicia Faletti
Argentina

Keyu He
China

Lori Hijar
Mexico

Eui-Bae Jeung
Korea

Neelakshi Kar
India

Man Long Kwok
China

Kwun Kwan Lo
China

Qun Lou
China

Alonso Andres Doria Manzur
Colombia

Wanchanok Nantacharoen
Thailand

Mahesh Nepal
Nepal

Maria de los Angeles Andrade Oliva
Mexico

Orish Ebere Orisakwe
Nigeria

Manolo Ortega-Romero
Mexico

Silvia Carolina Moreno Rivas
Mexico

Nalinee Sripaung
Thailand

Lesly Tejeda-Benitez
Colombia

Qi Wang
China

Tingting Wei
China

Hongyu Yang
China

Tingjie Zhan
China
Promotional Materials and Logos

Dates and Activities

Promotions included but were not limited to:
- SOT, IUTOX, and ICTXV websites
- SOT quarterly *Communiqué*
- IUTOX Newsletter
- IUTOX and SOT emails to society members
- *Toxicological Sciences* advertisements
- Signage and Hawaii CVB presence at 2018 and 2019 SOT Annual Meetings
- Hawaii CVB presence at ASIATOX 2018
- Advertisement in the EUROTOX 2018 program
Quarterly Communiqué
2019: Issue 2—Distributed on May 23, 2019

- With International Collaborations on the Rise, SOT Offers a Face-to-Face Research Exchange Opportunity”

Also promoted in the President’s Message of 2019: Issue 1 (February 14, 2019) and 2018: Issue 3 (August 23, 2018).

SOT Weekly Newsletter
ICTXV Special Section

- May 30, 2019

Featured in the “SOT News and Announcements” Section
- August 8, 2018: “Join SOT and IUTOX for Global Forum on Toxicology”
- August 30, 2018: “Hawaii is Calling!—Abstract Submission Now Open for IUTOX ICTXV”
- November 15, 2018: “Bring Your Scientific Findings to Hawaii”
- February 7, 2019: “Submit a Late-Breaking Abstract for IUTOX ICTXV”
- March 21, 2019: “DEADLINE EXTENDED: ICTXV Late-Breaking Abstracts Due March 25”
- April 4, 2019: “Register Now and Save on Upcoming International Congress of Toxicology”
- April 18, 2019: “Book Housing Now for the IUTOX 15th International Congress of Toxicology”
- May 16, 2019: “Expand Your Global Network during ICTXV”
- June 6, 2019: “Book Your ICTXV Housing”

Featured in the “News from the SOT Blog” Section
- October 25, 2018: “Bring Your Scientific Findings to an Island Paradise—ICTXV Abstract Deadline Is November 30”
- November 8, 2018: “ICTXV Travel Funding Opportunities”

Featured in the “Do You Know?” Section
Exhibiting, marketing, and support opportunities are available for the IUTOX 15th International Congress of Toxicology (ICTXV), co-hosted by SOT. Reach a Global Audience during ICTXV
- May 9, 2019
- June 13, 2019

Listed in the “Upcoming SOT Events and Activities” Section
- July 26, 2018
- August 2, 2018
- August 9, 2018
- August 16, 2018
Listed in the “Upcoming SOT Events and Activities” Section (cont.)

- September 6, 2018
- September 13, 2018
- September 20, 2018
- September 27, 2018
- October 4, 2018
- October 11, 2018
- October 18, 2018
- October 25, 2018
- November 1, 2018
- November 8, 2018
- November 15, 2018
- December 6, 2018
- December 13, 2018
- December 20, 2018
- January 10, 2019
- January 17, 2019
- January 25, 2019
- January 31, 2019
- February 7, 2019
- February 21, 2019
- February 28, 2019
- March 7, 2019
- March 13, 2019
- March 21, 2019
- March 28, 2019
- April 4, 2019
- April 11, 2019—With special banner promoting the early-bird registration deadline
- April 18, 2019
- April 25, 2019
- May 2, 2019
- May 9, 2019
- May 16, 2019
- May 30, 2019—With special banner promoting the standard registration deadline
- June 6, 2019
- June 13, 2019—With special banner promoting the housing deadline
- June 20, 2019
- July 2, 2019
- July 11, 2019—With special banner promoting the event is happening next week

Ads in *Toxicological Sciences*

- September 2018: ½ page promoting abstract submissions
- December 2018: Full page promoting registration and housing
- March 2019: ½ page promoting registration and late-breaking abstract submissions
- June 2019: ½ page promoting registration
Direct Emails to all SOT Members

- June 1, 2017: SOT—IUTOX International Congress of Toxicology (ICT) to be Held July 15–18, 2019
- June 21, 2017: SOT—Submit Continuing Education Proposals for IUTOX ICTXV, Honolulu, Hawaii, July 2019
- July 13, 2017: SOT—IUTOX ICTXV Symposia and CE Course Submission Site Now Available
- September 28, 2017: ICTXV Proposal Submission Deadline December 31
- December 4, 2017: Four Weeks to Go!—ICTXV Proposal Submission Deadline December 31
- December 18, 2017: Two Weeks Left to Submit!—ICTXV Proposal Submission Deadline December 31
- November 26, 2018: The Road from ICTVII, Seattle 1995 to ICTXV
- March 20, 2019: Submit Your Late-Breaking Abstract for the IUTOX 15th International Congress of Toxicology
- April 9, 2019: Register now for the IUTOX 15th International Congress of Toxicology
- July 10, 2019: ICTXV—Essential Information and Final Program

Presence at other society meetings

- SOT Annual Meeting: 2018 (signage, brochures, Hawaii CVB, and dancers) and 2019 (signage, housekeeping slides, Hawaii CVB, lounge area, brochures)
- ACT Annual Meeting November 2018 (flyers)
- Teratology Society Annual Meeting June 2019 (flyers)
- EUROTOX 2017 and 2018 (slides, Organizing Committee members present)
  - Advertisement in the EUROTOX 2018 program
- Hawaii CVB presence at ASIATOX 2018

IUTOX Emails to Member Societies (at the request of SOT)

- November 16, 2017: ICTXV Proposal Submission Deadline December 31, 2017
- October 3, 2018: SOT Issues Call for ICTXV Abstracts–November 30 Deadline
- October 12, 2018: Aloha! SOT Announces ICTXV Registration and Housing Now Open
- November 6, 2018: IUTOX Shares ICTXV Abstract Deadline Reminder—November 30
- November 27, 2018: ICTXV Abstract Deadline Reminder: November 30—Funding Available
- February 8, 2019: IUTOX ICTXV—Late-Breaking Abstract Submission Now Open
- March 22, 2019: IUTOX Shares ICTXV News from SOT—Submit Your Late-Breaking Abstract by March 25
- April 11, 2019: IUTOX Shares ICTXV News from SOT—Register by April 15 for Discounted Rates
- April 23, 2019: IUTOX Shares ICTXV News from SOT—Book Housing Now for Discounted Rates
- May 29, 2019: ICTXV Advance Registration Deadline May 31
## Financial Detail

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<th>ICTXV MEETING</th>
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<th>Budgeted Revenue</th>
<th>All Expenses</th>
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<td>463,072</td>
<td>1,000,000</td>
<td>1,581</td>
<td>15,900</td>
</tr>
<tr>
<td>Security Defense</td>
<td></td>
<td>2,730</td>
<td>15,000</td>
<td></td>
</tr>
<tr>
<td>Speakers</td>
<td></td>
<td>126,511</td>
<td>173,760</td>
<td></td>
</tr>
<tr>
<td>Steno/Clerical</td>
<td></td>
<td>233,543</td>
<td>97,447</td>
<td></td>
</tr>
<tr>
<td>Travel</td>
<td></td>
<td>7,914</td>
<td>22,494</td>
<td></td>
</tr>
<tr>
<td>Web (Dev) Maint</td>
<td></td>
<td>26,497</td>
<td>41,104</td>
<td></td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>661,770</strong></td>
<td><strong>1,436,000</strong></td>
<td><strong>773,109</strong></td>
<td><strong>1,106,612</strong></td>
</tr>
</tbody>
</table>

* Net Income/Expenses: (111,339)

* Total contributions reflect full grants received from NIH and FDA. Allocations toward IUTOX travel awards ($7,500) are taken from total owed for awards.
Notes for Future Hosts

- SOT co-hosted the ICTXV as an independent meeting that was not in conjunction with the SOT Annual Meeting. As co-host, collaborations between SOT and IUTOX existed that differ from previous ICT meetings. SOT submitted two federal grants that partially supported the IUTOX Fellowships. IUTOX submitted these grants independently to fund these fellowships in previous years. To aid in the facilitation for IUTOX to maintain similar funding and to follow US federal grant guidelines regarding number of requests accepted per meeting, SOT submitted one application that included the IUTOX Fellowships.

- SOT produced digital promotional materials rather than printing items such as course books and a program. An event app was available as a resource to identify sessions and presenters. Thumb drives were on hand, but there were no requests for files or printed materials from attendees on-site.

- SOT recorded all CE sessions to be shared online at a later date to both SOT members and IUTOX Member Societies.

- SOT found that 57% of the registrants occurred at the lowest (Early Bird) registration rate with 7% paying on-site in Honolulu. Several on-site registrants paid in US currency, while most used a credit card.

- Travel restrictions prevented some registrants from obtaining VISAs and attending.

- SOT appreciates the support of other societies to help fund attendee participation. Many employers of presenters supported their participation which is greatly appreciated. SOT found establishing clear guidelines for speaker reimbursement to be beneficial in the budgeting process.

- Two sessions were organized outside of SOT as a part of IUTOX commitments. It was important to consider the needs of these programs early in the Scientific Program planning process. During the ICTXV these were the IUPHAR Exchange session and the Women in Toxicology (WIT) sessions.

- Lunch vouchers (2 per person) were provided only to those attendees from developing countries without issue.

- CE course attendance was approximately 14% of attendees.

- The Opening and Closing ceremony agendas and scripts were a collaboration with both SOT and IUTOX leadership presentations.

- Samples of correspondence and invitations letters or other planning materials are available upon request.