HOT at SOT 2020

HOT Awardees
HOT Achievements
Posters from HOT members at SOT

www.toxicology.org/groups/sig/hot/newsLetter.asp
I attended my first Society of Toxicology meeting as a postdoctoral student in 1997 held in Seattle, WA (yes, I am showing my age!). Since, I have attended SOT for 23 consecutive years (counting this year) and, knock on wood, I am hoping to attend the next 23! For those young toxicologists attending their first SOT meeting my main advice is to network. Coming from Mexico, I never realized how important is to network during meetings as it can be a great way to search for new opportunities, and a successful networking can go a long way in leading to personal endorsements and job interviews. So I recommend having a goal, dress to impress, bring your business cards, make an effective introduction, show sincerity and interest, listen first then speak, get to the point, and take notes. For those shy persons I suggest practicing before the meeting, have a game plan, and set a goal to meet five people. After the meeting remember to follow up (do not let the connections die).

With HOT being part of SOT you can meet and talk at our table at the SOT Pavilion. Through HOT, I have made several good friends that I am always excited to see, and every year I continuously meet new people with a diverse background. The networking that undergraduate, graduate, or postdoctoral students can gain is invaluable for career development, and a big plus for those people interested in becoming HOT and SOT leaders.

On behalf of the HOT Executive Committee it is my pleasure to invite you to join us during the 59th SOT Annual Meeting in Anaheim, CA. HOT’s program for this year includes the traditional HOT Business and Reception (Tuesday, March 17th at the Anaheim Marriott Platinum 5, 18:00-21:00) where you can congratulate our 2020 Award Winners, recognize HOT’s generous Sponsors and meet old and new friends, and of course show your dance moves. Also, you cannot miss the HOT Mentoring Activity (Tuesday, March 17th at the Anaheim Marriott Grand A, 12:00-13:00) organized by our Grad Rep Yanelli Nunez and Vice President-Elect Dr Teresa Palacios. Please make some time to visit HOT’s member scientific and poster presentations throughout the week and feel welcome to meet us at the SOT Pavilion during the ToxExpo open hours.

Nos vemos en Anaheim!!!
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HOT Activities at SOT 2020

Don’t miss the opportunity to chat with a member of the HOT Executive Committee during the SOT Annual Meeting, connect and gain a better understanding of HOT initiatives around the world. We will have a designated area and poster highlighting our SIG in the Pavilion. Look for us!!

Stop by and support HOT members in their poster presentations Monday March 16th, Tuesday March 17th, Wednesday March 18th and Thursday March 19th, 8:30 to 11:30 AM.

Tuesday, March 17th, 2020
6:30 to 9:00 pm
Anaheim Marriott Platinum
5 700 W Convention Way,
Anaheim, CA 92802

“A path to success Leadership in Toxicology”
Tuesday, March 17th, 2020
12:00 to 1:00 PM
Grand Ballroom A-B
Marriott Hotel

“Career Development, Mentorship, and Training Activities in Toxicology”
Monday, March 16th, 2020
11:15 AM - 12:45 PM
Grand Ballroom J-K Anaheim Marriott
HOT
2019-2020 Achievements

Within the framework of the 59th Annual Meeting of the Society of Toxicology, HOT is pleased and proud to communicate our achievements during 2019-2020.

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<th>AWARDS</th>
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<td>• For the 2020 SOT 59th Annual Meeting, HOT awarded 1 Distinguished Toxicologist Award, 3 Travel Awards and 1 Special Travel Award for a HOT member outside of the U.S. Special thank you to our sponsors and congratulations to all the awardees!</td>
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<th>CAREER DEVELOPMENT</th>
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<td>• In 2019 with the support of SOT, HOT offered the Mentoring Activity “Path to Success: Tips and Strategies for my Professional Interview” during the SOT Annual Meeting. The HOT 2020 Mentoring Activity “A path of success: Leadership in Toxicology” will be held on Tuesday, March 17, from 12:00 PM – 1:00 PM, Grand Ballroom A-B Marriott Hotel. The main panelists are: Dr. Silvia Barros, Dr. Pedro del Valle, Dr. Ofelia Olivero and Dr. Linval de Pass.</td>
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<td>• HOT collaborated with the SOT GS LC, CDI, WIT, and TAO Special Interest Groups to provide a webinar series that discussed the topic of diversity in toxicology. Our Vice President Dr. Enrique Fuentes-Mattei and Past President Dr. Pedro del Valle served as panelists during these important sessions.</td>
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<td>HOT NEWSLETTER</td>
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| HOT INITIATIVES | The communications committee has increased social media outreach to 1,120 followers.  
HOT received approval for an Endowment Fund! The “HOT Award Fund” will be used to provide awards to Iberoamerican students (undergraduate and/or graduate students) and/or postdoctoral fellows whose studies and/or research interests are in the toxicological sciences. |
| INTERNATIONAL OUTREACH | Our Vice President-Elect Dr. Aline DeConti was awarded a ToxScholar Outreach Grant. With this grant Dr. DeConti visited the University of Sao Paulo in Brazil during December to lead a 15 hour course for the students in the Faculty of Pharmaceutical Sciences. During this course, she addressed professional opportunities and challenges and discussed the role that SOT and HOT can play in helping their careers, as well as talked about the work that she conducts at the US FDA.  
In collaboration with Clubes de Ciencia de Mexico, on March 30, 2020 HOT will hold the webinar series “Updates in Toxicology”. The speaker will be Dr. Gladys Erives from the FDA and she will present her work titled: From Science To Regulation: How Research Priorities Are Used To Inform The Center For Tobacco Products Regulatory Activities At The FDA.  
Active participation of HOT Executive Committee members at the IUTOX15th International Congress of Toxicology (Honolulu, HI).  
Our Vice President Dr. Enrique Fuentes-Mattei represented the SOT CDI as well as HOT during the 2019 SACNAS National Diversity in STEM Conference (Honolulu, HI). |
| MEMBERSHIP | HOT has 194 members, both students and professionals from over 10 different countries representing academia, industry, government and other sectors that employ toxicologists. |
2020 HOT DISTINGUISHED TOXICOLOGIST AWARD

Jesus Olivero Verbel, PhD
Universidad de Cartagena, Colombia

HOT STUDENT TRAVEL AWARDS

GRADUATE STUDENT
Angela Cruz Hernandez
University of Colorado

GRADUATE STUDENT
Daysi Diaz-Diestra
University of Puerto Rico/US FDA

POSTDOCTORAL WINNER
Marco Clementino, PhD
University of Kentucky

INTERNATIONAL WINNER
Ramses Santacruz, CINVESTAV-IPN, Mexico
WEDNESDAY
March 18th, 2020 at CC Exhibit Hall

9:00 to 10:45 AM
Abstract Title The Role of Gonadal Hormones in Sex-Specific Lung Inflammatory Response to Ozone.
Session Title Workshop Session: Sex, Lungs, and Air Pollution
Abstract #2489
Poster Board # oral presentation
Authors Patricia Silveyra

Abstract Title Metabolism Shift in Cr(VI)-Transformed Cells Causes Epigenetic Changes and Promotes Tumorigenesis
Session Title Metals I
Abstract #2586
Poster Board # P184
Authors Presenting Author: Marco Clementino - Marco Clementino, Will Fenske, Yunfei Li, Ping Yang, Martina Lin, Jie Xie, Chengfeng Yang, Zhishan Wang

Abstract Title Glucocorticoids Regulate SLC7A11 Expression and Sensitivity to Oxidative Stress
Session Title Oxidative Injury and Redox Biology
Abstract #2553
Poster Board # P150
Authors Sarah Lacher, Daniel Levings, Jennifer Krznarich, Matthew Slattery

Abstract Title Particulate Hexavalent Chromium Induces Cytotoxicity and Genotoxicity in Female and Male Fin Whale Cells
Session Title Metals I
Abstract #2565
Poster Board # P163
Authors Idoha Meaza, Rachel M. Speer, Jennifer H. Toyoda, John Pierce Wise

Abstract Title Short- and Long-Term Behavioral Effects following Embryonic Exposure to Environmental Pollutants in Zebrafish
Session Title Neurotoxicity: General
Abstract # 3084
Poster Board # P717
Authors O. Jaka, A. Martinez, A. Muriana, A. Alzualde.

Abstract Title Neurotoxic Effect of Manganese and Vanadium Co-exposure in Animal Models of Parkinson’s Disease
Session Title Neurotoxicity: Metals
Abstract #2998
Poster Board # P629
Authors Alejandra Bargues-Carot, Naveen Kondru, Maddlyn Haller, Huajun Jin, Vellareddy Anantharam, Arthi Kanthasamy, Anumantha G. Kanthasamy

Abstract Title Chronic Early-Life Lead Exposure Disrupts Behavior and μ-Opioid Receptor Levels in the Rat Brain: Implications to Mental Disorders
Session Title Neurotoxicity: Metals
Abstract #3018
Poster Board # P649

10:45 AM to 12:30 PM
Abstract Title Monitoring Persistent Neurological Damage in a Rat Model of Acute OP Intoxication Using Micro-CT Imaging
Session Title Chemical Threats and Bioterrorism I
Abstract #2645
Poster Board # P244
Authors Eduardo A. González, Alexa C. Rindy, Michelle Guignet, Donald A. Bruun, Douglas J. Rowland, Pamela J. Lein

THURSDAY
March 19th, 2020 at CC Exhibit Hall

8:30 to 11:30 AM
Abstract Title Investigating the Sex-Specific Effects of Arsenic Exposure on the Risk of Influenza Infections
Session Title Late Breaking 2: Animal Models; Alternatives to Mammalian Models; Immunotoxicity; Inflammation
Abstract #3358
Poster Board # P171
Authors Sylvia S Sanchez, Sarah E Attreed, Rachelle Liu, Kristal A Rychlik, Emily Illingworth, Tyrone Howard, Fenna CM Sillé
**Sponsors**

- Asociación Española de Toxicología [http://www.aetox.es/]
- Asociación Latinoamericana de Toxicología [http://www.alatox.org/]
- Asociación Toxicológica Argentina [https://toxicologia.org.ar/]
- Asociación Venezolana de Toxicología Médica [https://www.facebook.com/groups/17674058757320/?ref=br]
- Center of Environmental and Toxicological Research – University of Puerto Rico [http://cetr.rcm.upr.edu]
- Escuela Académico-Profesional de Toxicología de la Universidad Nacional Mayor de San Marcos, Lima [https://farmacia.unmsm.edu.pe/index.php/toxicologia/]
- Red Iberoamericana de Toxicología y Seguridad Química [http://www.ritsq.org]
- Sociedade Brasileira de Toxicologia [http://www.sbtox.org/]
- Sociedad Cubana de Toxicología [http://www.sld.cu/sitios/toxicologia/]
- Sociedad Mexicana de Toxicología [http://www.somtox.com.mx/]
- Sociedad de Toxicología de Chile [http://sotox.cl/]
- Society for Risk Analysis Latin America [http://www.srala.org/]
- Toxicología Acuática Ambiental, Medicina Veterinaria- Universidad Nacional de Colombia [http://www.docentes.unal.edu.co/jfgonzalez]
- Universidad de Cartagena [lema]

**Sister Organizations**

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If your Hispanic Organization is planning a Toxicology meeting or if you are organizing a Toxicology event intended for a primarily Hispanic audience, and want to promote it, send an email to Carmen Rubio Armendáriz (Councilor for Sister Organizations) at crubiotox@gmail.com for more information for its inclusion in upcoming Toxenlaces issues.
ANNOUNCEMENT

HOT wants you to be part of the organization! To make it available to everyone, HOT accepts applications from non-SOT members to become HOT members. Yes, that is right!! You only have to have the desire to collaborate with and be part of our great organization.

Your HOT membership provides you with valuable resources throughout your scientific career as for networking through the largest Hispanic toxicologist community, giving you opportunity for Travel Awards or serving as a mentor to the young Hispanic toxicologists; besides you receive the Toxenlaces newsletter every two months.

Download the application by clicking on the following link: Non-SOT Member Application. So, what are you waiting for? We are looking forward to receiving your application today!!

Follow us on Facebook at: http://www.facebook.com/hispanicorganizationoftoxicologists
Don’t forget to visit also the SOT Facebook page: http://www.facebook.com/pages/Society-of-Toxicology-SOT/163627880427831?fref=ts

Toxenlaces is the newsletter that informs Hispanic toxicologists in the United States and the international Spanish and Portuguese-speaking scientific communities about important toxicological events and issues occurring in our countries. It is electronically published and distributed to our membership and Sister Organizations in Ibero-America. Toxenlaces disseminates critical dates for events, health perspectives, and funding and training opportunities. It serves as a toxicology forum for our members and other partner organizations, engages in educational outreach to the Hispanic communities and provides the essential elements to support networking among Hispanic toxicologists. Toxenlaces is open to receive collaborations from HOT and SOT members, and Sister Organizations. You can collaborate with short scientific articles, news or notes related with toxicology. Other ways to collaborate is by nominating your peers or yourself for the Trainee Section. For more information about collaborating with Toxenlaces send an email to Alejandro Ramírez-Lee (Toxenlaces Editor and Graphic Designer) at alejandroramirezlee@gmail.com

The views expressed in this Toxenlaces issue do not necessarily represent those of the Hispanic Organization of Toxicologists (HOT) or Society of Toxicology (SOT).