



TOXENLACES

BUILDING BRIDGES THROUGH TOXICOLOGY

ISSUE 82



**HOT ANNUAL MEETING
SPECIAL EVENTS
ANNUAL RECEPTION
AWARD WINNERS**

**MENTORING EVENT
POSTERS AND TALKS**

**MEMBER
ACCOMPLISHMENTS**

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MESSAGE FROM THE PRESIDENT

Dear HOT Members,

On behalf of the HOT Executive Committee, it is my pleasure to invite you to join us during the Society of Toxicology Annual Meeting in San Diego.

This year is especially meaningful as we celebrate more than 20 years of the Hispanic Organization of Toxicologists (HOT). For over two decades, HOT has worked to build bridges through toxicology while supporting the growth, mentorship, and visibility of Hispanic and Latino toxicologists.

One of the highlights of the week will be our HOT Annual Reception on Tuesday, March 24, from 7:00–10:00 PM at the House of Blues San Diego. During the evening, we will celebrate our HOT Awardees, recognize our generous sponsors, reconnect with colleagues and friends, and welcome new members to our community. And as always—expect great music, great company, and maybe even a little dancing as we celebrate together.

HOT will also participate in the CAMAN NetworX Event on Monday, March 23, where Jorge G. Muñiz Ortiz, HOT Vice President, and I will serve as table hosts. Mentorship remains central to HOT's mission, and we are proud to support opportunities that connect and uplift scientists across our community.

Throughout the meeting, we encourage you to visit the many HOT member presentations and stop by the HOT poster to see highlights of our accomplishments and initiatives.

As I reflect on my time serving as HOT President, I am deeply grateful for the trust and support this community has placed in me. It has been an honor to serve such a talented and dedicated group of scientists. I am incredibly proud of what we have accomplished together and confident that HOT's future is bright. Our organization is in excellent hands with the next generation of leaders, and I truly believe the best is yet to come.

We look forward to celebrating with you in San Diego.

HOT: Building Bridges Through Toxicology—con ciencia, comunidad, y un poco de sazón.

Kelly Salinas, PhD, DABT
President, Hispanic Organization of Toxicologists



Kelly Salinas, PhD, DABT
2025-2026 HOT President
Hispanic Organization of
Toxicologists



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CELEBRATE
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EDITORIAL BOARD

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Kelly Salinas
Jorge J. Muñiz Ortiz
Veronica Ramirez Alcantara

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HOT SPONSORS &
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HOT AWARD WINNERS

CONGRATULATIONS!



Michelle Hernandez, PhD
Merck & Co., Inc.
Distinguished Toxicologist Award



Alanis Torres-Berríos, PhD
Michigan State University
Postdoctoral Travel Award



Javier Huayta, PhD
Duke University
Postdoctoral Travel Award



Idoia Meaza Isusi, PhD
University of Louisville
Postdoctoral Travel Award



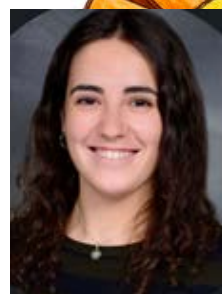
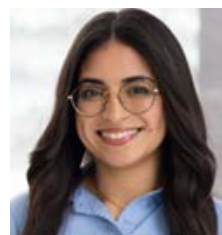
Alma Ávila Oropeza, MS
University of Rochester
Graduate Student Travel Award

Alfredo Rojas, BS
Clemson University
Graduate Student Travel Award

Patrick Vieira de Souza, BS
São Paulo State University
Graduate Student Travel Award

Chloe Wray, PhD
Helmholtz Centre for Environmental Research
Honorable Mention

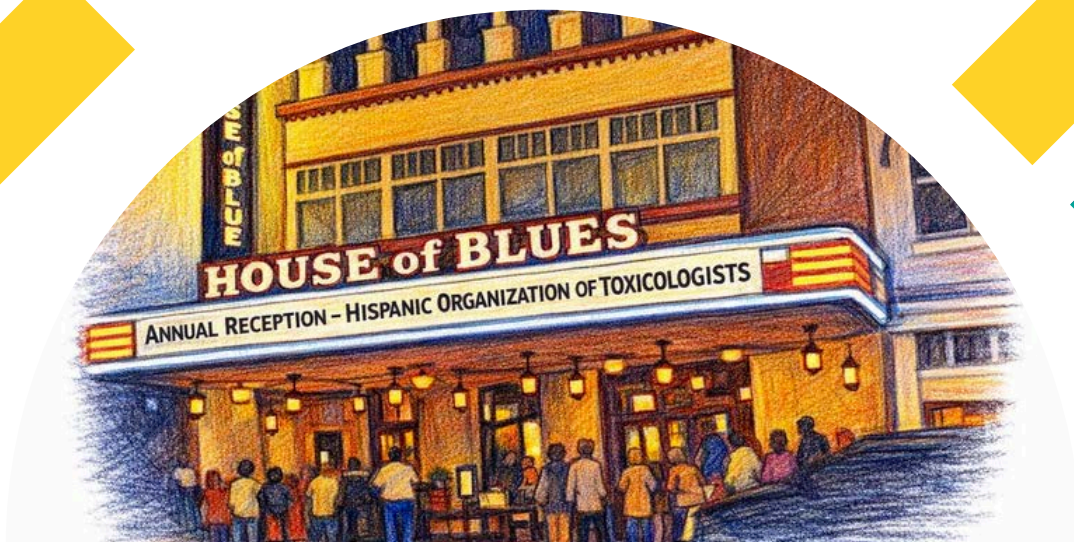
Federico Sinche Chele, PhD
Metropolitan Water Reclamation, Chicago
Outstanding Officer (Treasurer)





HOT

ANNUAL RECEPTION AND AWARD CEREMONY



**TUESDAY
24 MAR, 2026**



**07:00PM TO
10:00 PM**

**HOUSE OF BLUES SAN
DIEGO**
**1055 Fifth Avenue, San
Diego, CA 92101**

CAMAN AND COMPONENT GROUP NETWORKING EVENT

Monday, March 23, 7:30 pm–9:00 pm
Marriott Marquis San Diego Marina

SOLD OUT!



BENEFITS :

- Skill Enhancement
- Networking Opportunities
- Industry Insights
- Practical Knowledge
- Personal Growth

MEMBERSHIP ACCOMPLISHMENTS

CONGRATULATIONS!

HOT Member	Accomplishment
Iris Camacho	Earned her DABT Certification (November 2025)
Chloe Gutierrez Wray	2026 NTSS Toshio <u>Narahashi</u> Neurotoxicity SS Trainee Conference Endowment Award; RASS John Doull Risk Assessment Endowment Award, Mechanisms SS Carl C. Smith Graduate Student Award; co-first author on first publication, "Integration of Human Microbiota (<u>SIHUMix</u>) and Zebrafish Models Reveals Microbiome-Mediated Host Responses to Azoxystrobin" (Toxicological Sciences)
Johanna Elizabeth Ku	First published research article (https://www.sciencedirect.com/science/article/pii/S2352340925001003), two recognitions from the Asociacion Panameña para el Avance de la Ciencia (APANAC): Distinción Trayectoria APANAC, and Distinción Joven Promesa (certificates were attached to email)
Candace Longoria, PhD	Comparative Toxicology, Pathology, and Veterinary SS awardee (Zoetis-CTPVSS Veterinary and Postdoctoral Trainee Award)
Ria Marathe (graduate student in Viga-Lopez lab)	Selected as recipient of the <u>2026 SOT Edward W. Carney Trainee Award</u> from the Reproductive and Developmental Toxicology Specialty Section. This award recognizes her outstanding research on neonicotinoid metabolites and their effects on placental function - work selected for an oral presentation.
Evelyn Reategui-Zirena, PhD, DABT	Renewal of DABT certification
Carmen Rubio Armendariz, PhD	Elected to SOT Council and FS3 EC
Ramses Santacruz-Marquez, PhD	Colgate-Palmolive Postdoctoral Fellowship Award in In Vitro Toxicology
Alanis Torres-Berrios	Comparative Toxicology, Pathology, and Veterinary SS awardee (Graduate Student Award) (also a HOT Awardee)
Madeline Vera-Colon	Bristol Myers Squibb Graduate Student Research Training Award to Promote Diversity in Toxicology



HAPPY 20TH ANNIVERSARY, HOT!

This issue, with cartoon style, has been inspired in some of the accomplishments and experiences from our members during SOT over the years, as well as their commitment to toxicology. Thanks for being part of HOT!

Monday, March 23th

HOT MEMBERS PRESENTATIONS AM

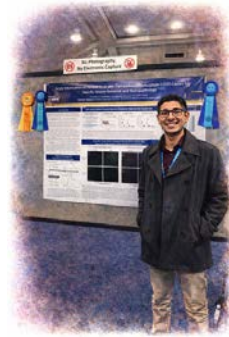


Time	Presenter	Session / Topic	Location
9:15-11:45 AM	Pablo Reina-Gonzalez, MS	Poster Presentation: Prolonged Low-Dose Paraquat Inhalation Model in Mice Reveals Sex Specific Dopaminergic Neurodegeneration and Behavioral Deficits (#3566)	Poster Board K719
	Javier Huayta, PhD	Poster Presentation: Inhibition of Mitochondrial Complex III Causes Dopaminergic Neurodegeneration by Redox Stress in Caenorhabditis elegans (#3575)	Poster Board K728
	Chloe Wray	Poster Presentation: The Zebrafish Microbiome Modulates Neurobehavioral responses to Azoxystrobin (#3141)	Poster Board C254
	Karen Cuevas Mora	Poster Presentation: Efficiency of tdap in Pregnancy with PFAS Exposure and Altered Immune Cell Populations in Maternal Rabbit Model (#3426)	Poster Board H571
	Jocelyn Dicent	Poster Presentation: Trichloroethylene Metabolites in Parkinson's Disease-Related Toxicity in C. elegans and Mice (#3574)	Poster Board K727

Notes

Monday, March 23th

HOT MEMBERS PRESENTATIONS PM



<i>Time</i>	<i>Presenter</i>	<i>Session / Topic</i>	<i>Location</i>
1:45-4:15 PM	Gianna Chmino (Viega-Lopez lab)	Poster Presentation: Human Extravillous Trophoblasts Exhibit Circadian Rhythms Responsive to Molecular Clock Regulators and Select Environmental Chemicals (#3201)	Poster Board D331
	Valentina Medina Ardila	Poster Presentation: Windows of Developmental Susceptibility to Cannabidiol reveal Stage-Dependent Morphological and Behavioral Effects (#3179)	Poster Board D293
	Maribel Hernandez	Poster Presentation: The Behavioral and Neurotoxic Effects of Arsenic and Alcohol Co-Exposure (#3118)	Poster Board C230
	Alfredo Rojas, MS	Poster Presentation: Photoperiod Dependent Impacts on Toxicity of Nuclear Receptor Ligands (#3182)	Poster Board D296
	Ana Juan-Garcia, PhD (presented by Kelly Salinas, PhD, DABT)	Poster Presentation: Risk Assessment Through Plant-Based Meat Alternatives from Spain and Portugal (#3658)	Poster Board M834

Notes

Tuesday, March 24th

HOT MEMBERS PRESENTATIONS AM



<i>Time</i>	<i>Presenter</i>	<i>Session / Topic</i>	<i>Location</i>
9:15 - 11:45 AM	Reese Valdez	Poster Presentation: Assessment of a Complex PAH Mixture From Wildfires in a 3D Respiratory Model for Asthma (#4132)	Poster Board H614
9:40-10:45 AM	Alanis Torres-Berrios, PhD	Workshop Session: Building Your Graphic from Concept to Creation	Room 7B
11:20-11:40 AM	Evelyn Reategui-Zirena, PhD, DABT	Tiny Tox Talk: Talking About Contamination in the Environment: A Toxicologist's Challenge	Tiny Tox theater in ToxExpo
11:30-11:35 AM	Alanis Torres-Berrios, PhD	Platform Session: DDT's Lasting Legacy: Endocrine Activity and Developmental Toxicity of DDT+ and the Emerging Co-Contaminant Tris(4-chlorophenyl)methanol (TCPMOH)	Ballroom 6C

Notes

Tuesday, March 24th

HOT MEMBERS PRESENTATIONS PM

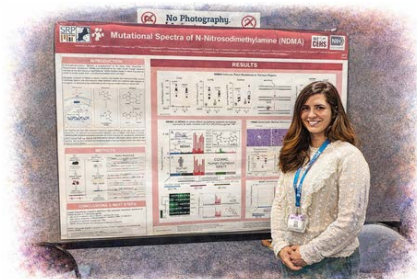


<i>Time</i>	<i>Presenter</i>	<i>Session / Topic</i>	<i>Location</i>
12-12:20 PM	Kelly Salinas, PhD, DABT	Tiny Tox Talk: Future-Proofing Your Toxicology Career	Tiny Tox Theater in ToxExpo
12:15-12:30 PM	Ria Marathe (Veiga-Lopez Lab)	Platform Session: Neonicotinoid Metabolites Cross the Placenta and Blood-Brain Barrier and Impair Trophoblast Function in a Compound-Specific Manner	Ballroom 6C, Convention Center
1:45-4:15 PM	Grace Picha (Maribel Hernandez lab)	Poster Presentation: Stimulatory Effects of Alcohol in As3MT Knockout Mice (#3804)	Poster Board C250
	Patrick Vieira Souza, BS	Poster Presentation: Co-Exposure to Polystyrene Nanoplastics and Phthalate Metabolites Mixture Disrupts Ovarian Cell Cycle and Oxidative Balance in Neonatal ovaries In Vitro: A DOHaD Perspective (#3831)	Poster Board D279

Notes

Tuesday, March 24th

HOT MEMBERS PRESENTATIONS PM



<i>Time</i>	<i>Presenter</i>	<i>Session / Topic</i>	<i>Location</i>
1:45-4:15 PM	Ramses E. Santacruz Marquez, PhD	Poster Presentation: The Effects of Short-Term Exposure to Di-(2-ethylhexyl) Phthalate and Diisononyl Phthalate on Markers of Female Reproductive Aging (#3818)	Poster Board D266
	Andrea Arroyo	Poster Presentation: The RAD50 Zinc Hook Motif as a Vulnerable Target in Heavy Metal-Induced Genotoxicity (#3774)	Poster Board C209
2:00-2:20	Argel Islas-Robles	Tiny Tox Talk: The Art of the Scientific Repost: LinkedIn Tips for Toxicologists	Tiny Tox Theater in ToxExpo

Notes

Wednesday, March 25th

HOT MEMBERS PRESENTATIONS AM



Time	Presenter	Session / Topic	Location
8:00-10:45 AM	Almudena Veiga-Lopez, DVM, PhD (co-chair)	Platform Session: New Frontiers in Reproductive Toxicology: Emerging Cotaminants and Novel Mechanisms of Toxicity	Room 1B, Convention Center
	Evelyn Reategui-Zirena, PhD, DABT (co-chair)	Platform Session: Guardians of Public Health: The State We Are In	Ballroom 6E
9:15-11:45 AM	Madeline Vera-Colon	Poster Presentation: 4432, SERPINA3 Upregulation Marks Fine Particulate Matter-Induced Impairment of Osteogenic Differentiation (#4432)	Poster Board B187
	Idoia Meaza Isusi, PhD	Poster Presentation: Investigating Mercury Transformation Potential by Chlamydomonas reinhardtii Algae (#4438)	Poster Board C200
	Carolina Ghanem, PhD	Poster Presentation: Mechanistic Insights into Species-Specific ABC Transporter Regulation by Acetaminophen in the Intestinal Epithelium (#4428)	Poster Board B183
	PFAS II Poster session co-chaired by Kelly Salinas, PhD, DABT		
11:15- 11:30 AM	Diego Paine-Cabrera	Platform Presentation: Role of Hepatocyte-Specific Egr1 in Liver Injury and Regeneration After Acetaminophen Overdose	Ballroom 6D

Notes

Wednesday, March 25th

HOT MEMBERS PRESENTATIONS PM



Time	Presenter	Session / Topic	Location
1:45-4:15 PM	Jessica Camacho, PhD	Poster Presentation: Development of a Computational Dashboard for Predicting Potential for Biopersistence of Chemicals (#5069)	Poster Board H619
	Alma Avila Oropeza, MS	Poster Presentation: Allergic Contact Dermatitis Model for Assessing Contaminated Microplastics Isolated	Poster Board D299
	Kelly Salinas, PhD, DABT	Poster Presentation: Standardized default CentralTendency Exposure Factors for Use in Superfund Human Health Risk	Poster Board M837
	Micro/Nanoplastics Poster session co-chaired by Iris Camacho, PhD, DABT		

Notes

Notes

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Michelle Hernandez



Mari S. Stavanja



Betina J. Lew



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- Teresa Palacios-Hernández & Jose Francisco Delgado
- Bob Roth & Patty Ganey
- Kelly Salinas
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SISTER ORGANIZATIONS

Asociación Española de Toxicología	https://es.aetox.es
Asociación Latinoamericana de Toxicología	http://www.alatox.org
Asociación Toxicológica Argentina	www.toxicologia.org.ar
Center for Environmental and Toxicological Research	http://cetr.rcm.upr.edu/
Fundación Española de Toxicología Clínica	https://www.fetoc.es/default.html
Fundación PLAGBOL	http://www.plagbol.org.bo/
Red Iberoamericana de Toxicología y Seguridad Química	www.ritsq.org
Sociedade Brasileira de Toxicologia	www.sbttox.org
Sociedad de Toxicología de Chile	www.sotox.cl
Sociedad Mexicana de Toxicología AC	https://somtox.com.mx/

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 in the upcoming *Toxenlaces* issues, send an email to hispanicorgtox@gmail.com, for further guidance on such initiatives.



#WeAreHOT

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 the opportunity for Travel Awards or serving as a mentor to the young Hispanic toxicologists; besides you receive the *Toxenlaces* newsletter!

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 HOT Trainee Wall. For more information about collaborating with *Toxenlaces* send an email to Jose F. Delgado, PhD (*Toxenlaces* Editor) at jose.delgadojz@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).