

WINTER ISSUE | JANUARY – FEBRUARY 2021



ISSUE 65

# TOXENLACES

BUILDING BRIDGES THROUGH TOXICOLOGY



**SOT**

Annual Meeting & ToxExpo  
VIRTUAL EVENT • MARCH 2021

***HOT** Awardees  
**HOT** Posters and Talks  
**HOT** Achievements*

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# TOXENLACES

## MESSAGE FROM THE PRESIDENT

Dear HOT members,

We hope you all and your families are well and safe!

On behalf of the HOT Executive Committee (EC) it is my pleasure to invite you to join us during the very anticipated *2021 SOT Virtual Annual Meeting*, the *2021 HOT Annual Awards Ceremony & Reception* (see page 4), and the virtual event Session on *Strategies to Increase Global Awareness of Toxicology: Focus on Developing Countries* (see page 5). We are very proud of the outstanding work of the HOT EC members during this unprecedented time with the CoViD-19 pandemic and unexpected challenges that has impacted us all, directly or indirectly.

We want to take the time and thank our HOT membership for your participation in both the HOT EC and SOT general election process during these unprecedented times. We are very excited and happy to welcome our new HOT EC member **Dr. Veronica Ramirez-Alcaraz** (Vice-President Elect), **Dr. Kelly Salinas** (Treasurer), **Dr. Alexandra M. Moita** (Councilor), **Dr. Federico L. Sinche** (Councilor), **Dr. Isabel Alvarado-Cruz** (Postdoctoral Representative), and **Mr. Jose F. Delgado** (Student Representative). In the same way, the HOT-SIG is very proud to have several HOT members or strong HOT supporters nominated to serve as officers and members of SOT-elected committees during 2021–2022. We want to congratulate two of our HOT Past-Presidents **Dr. Elena Hernandez Ramón** and **Dr. Pedro L. Del Valle** for being elected to the SOT Membership Committee and the SOT Awards Committee, respectively.

With the outstanding leadership of our Councilor, Dr. Carmen Rubio Armendáriz, we continue reinforcing our current bridge and adding new bridges with sister organizations. Moreover, with the outstanding leadership of Julia Rezende da Silva, we keep reaching you all via Toxenlaces and Facebook. A special thanks to our donors to help us keep promoting the career development of trainees/scientists of Iberoamerican (Latin-Americans countries, Spain, and Portugal) in toxicology by providing the funds for the HOT awards and the HOT Endowment Funds. We strongly encourage to donate by visiting the SOT's endowment fund website. We strongly encourage you to donate money (any amount will help) to our recently established Endowment Fund and/or look for Sponsors for our Travel Awards (see page 12).

Looking forward to seeing you soon at the *2021 SOT Virtual Annual Meeting* events! Stay safe and continue working hard to create a safer and healthier world by advancing science and increasing the impact of toxicology. And remember, *together we can continue building bridges with toxicology!*

*Un fuerte abrazo!*  
*#IamHOT*

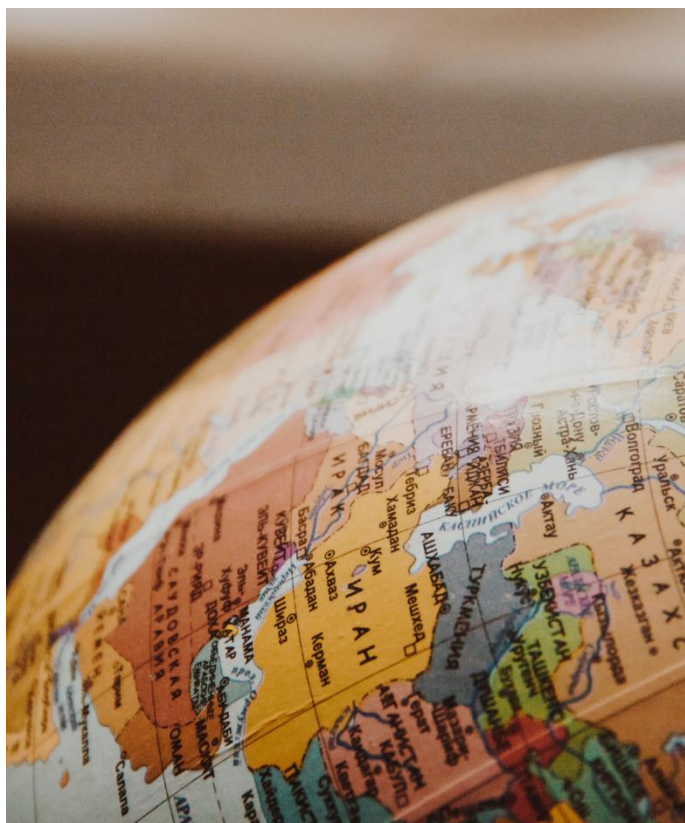
**Enrique Fuentes-Mattei, Ph.D.**  
HOT President



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Julieta Martino

Aline de Conti

Teresa Palacios-Hernández

Carmen Rubio Armendáriz

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# HOT ACTIVITIES AT SOT

Do not miss the opportunity to attend  
our traditional HOT Annual Reception!  
And yes, we are still going to have our  
virtual SALSA DANCING!  
**March 25th, 4:15 PM to 5:45 PM ET**

**HOT ANNUAL  
AWARDS  
CEREMONY  
AND  
RECEPTION**

**HOT SESSION:  
GLOBAL  
AWARENESS  
OF  
TOXICOLOGY**

If you are a toxicologist interested in  
international networking, this is a  
great opportunity to improve your  
knowledge in toxicology with  
outstanding speakers!  
**March 23rd, 11:15 AM ET**

**REGISTER HERE!**

[https://www.toxicology.org  
/events/am/AM2021/regist  
ration.asp#Register-now](https://www.toxicology.org/events/am/AM2021/registration.asp#Register-now)



STRATEGIES TO INCREASE GLOBAL AWARENESS OF TOXICOLOGY: FOCUS ON  
DEVELOPING COUNTRIES

Tuesday, March 23, 2021

Session Time: 11:15 AM-2:00 PM US Eastern Time

**SOT and IUTOX Efforts to Promote Toxicology Global Outreach****Prof. Jose Manautou**

Dept. Head of Pharmaceutical Sciences  
Assistant Dean for Graduate Education and Research and  
Professor of Toxicology, School of Pharmacy, University of Connecticut  
President elected of the International Union of Toxicology (IUTOX)

**International Mentoring as a Tool to Promote Toxicology Higher Education and Global Outreach****Dr. Zafira Castano Corsino**

President/Co-Founder International Mentoring Foundation for the Advancement of Higher Education (IMFAHE), Boston, MA  
Senior Scientist Rubius Therapeutics, Cambridge, MA, USA

**Internationalization of Research to Improve Diversity and Quality of Science****Prof. Silvia Berlanga de Moraes Barros**

Senior Professor, Skin Biology Group, School of Pharmaceutical Sciences, Clinical Chemistry and Toxicology Department, University of Sao Paulo.  
Director IUTOX (2019-2022)  
Past-President Hispanic Organization of Toxicologists-HOT/SOT (2019-2020)

**Challenges for Toxicological Sciences in Latin America****Prof. Jesus Olivero-Verbel**

Environmental and Computational Chemistry Group, School of Pharmaceutical Sciences, Zaragocilla Campus  
University of Cartagena, Colombia

**Challenges for Toxicological Sciences Internationalization in Countries from Africa****Prof. Darryl Hood**

College of Public Health, Division of Environmental Health Sciences, The Ohio State University, Columbus, OH, USA

**Chair: Aline de Conti, Ph.D.**

Staff Fellow Researcher at National Center for Toxicological Research, Food and Drug Administration  
Vice-president of the Hispanic Organization of Toxicologists

**Co-chair: Carmen Rubio Armendáriz, PhD**

Senior Professor of Toxicology, Universidad de La Laguna, Canary Island, Spain  
Councilor of the Hispanic Organization of Toxicologists





# HOT

2020-2021 Achievements

2021-2022 Executive Committee

## 2020-2021 HOT Achievements

Awards	<ul style="list-style-type: none"> <li>For the <b>2021 SOT Virtual Meeting</b>, HOT awarded <b>1 Distinguished Toxicologist Award</b> and <b>1 Graduate Student Travel Award</b> . Special <u>thank you to our sponsors and congratulations to all the awardees!</u></li> </ul>
Career Development	<ul style="list-style-type: none"> <li>In <b>2020</b> with the support of SOT, HOT offered the <b>Mentoring Activity “<u>A path of success: Leadership in Toxicology</u>”</b> . The main panelists were: Dr. Silvia Barros, Dr. Pedro Del Valle, Dr. Ofelia Olivero and Dr. Linval DePass, all HOT Past Presidents and leaders in diverse toxicology settings. The webinar had a total of 31 attendees from USA, Brazil, Cuba, Panama, Czech Republic, Mexico and Argentina.</li> </ul>



<b>HOT Newsletter</b>	<ul style="list-style-type: none"> <li>Our newsletter Toxenlaces welcomed a <b>new Editor: Julia Rezende da Silva, BSc</b>. From April 1, 2020-March 1, 2021, 3 Toxenlaces have been published. The HOT newsletter includes a Trainee Section, short Scientific Articles by invited HOT members, HOT Professional Tips, News and achievements from our members, and information on upcoming meetings and opportunities.</li> </ul>
<b>HOT Initiatives</b>	<ul style="list-style-type: none"> <li>The communications committee has increased <b>social media</b> outreach to <b>1,164 followers</b>.</li> <li>For the 2021 SOT Virtual Meeting, HOT organized the <b>informational session “Strategies to Increase Global Awareness of Toxicology: Focus on Developing Countries”</b>. This session will be <u>online on Tuesday, March 23, 2021 from 11:15 AM to 2:00 PM (ET)</u>. The panelists include <b>Dr. Jose Manautou, Dr. Zafira Corsino, Dr. Silvia Barros, Dr. Darryl Hood, and Dr. Jesus Olivero-Verbel</b>. The goals of this session are to highlight the strengths and challenges of toxicological international outreach models in order to maximize the potential to benefit individuals and institutions, and to discuss new strategies to increase the perception and application of toxicology around the world.</li> </ul>
<b>International Outreach</b>	<ul style="list-style-type: none"> <li>HOT signed agreements with two new sister organizations: <b>Sociedade Brasileira de Ecotoxicologia (ECOTOX Brasil)</b> and <b>Associação Latino Americana de Patologia Toxicológica e Experimental (ALAPTE)</b>. Additionally, HOT renewed its agreement with <b>Red Iberoamericana de Toxicología y Seguridad Química (RITSQ)</b>.</li> </ul>
<b>Participation in SOT</b>	<ul style="list-style-type: none"> <li>Several HOT members and HOT Past Presidents participated in the <b>“SOT Focus Group with Latinx Members” organized by 2020-2021 SOT President Dr. George P. Daston</b>. This focus group served as a platform to share experiences, perspectives, and advice on what additional work SOT should do to promote inclusion.</li> <li>Two <b>HOT Past Presidents</b> were <b>nominated and elected for SOT positions</b>: <b>Dr. Pedro Del Valle</b> was elected to be part of the <u>Awards Committee</u> and <b>Dr. Elena Hernandez-Ramon</b> was elected for the <u>Membership Committee</u>. HOT also had other nominees participating in these important elections: HOT Past Presidents <b>Dr. Ofelia Olivero and Dr. Silvia Barros</b>, and HOT Members <b>Dr. Peter Goering and Dr. Kenneth Ramos</b>. We would like to congratulate all the nominees and elected Officers for their involvement in SOT and for representing HOT.</li> </ul>
<b>Membership</b>	<ul style="list-style-type: none"> <li>HOT has <b>185 members</b>, both students and professionals from over 10 different countries representing academia, industry, government and other sectors that employ toxicologists.</li> </ul>



## 2021-2022 Executive Committee

<b>President</b>	Aline de Conti, PhD	<b>Councilors</b>	<ul style="list-style-type: none"> <li>Alexandra Maria Moita Antunes, PhD</li> <li>Patricia Ruiz, PhD</li> <li>Mercedes Salvador-Silva, PhD, DABT</li> <li>Federico Leonardo Sinche Chele, PhD</li> </ul>
<b>Vice-President</b>	Teresa Palacios Hernández, MSc, PhD		
<b>Vice-President Elect</b>	Verónica Ramírez-Alcantara, PhD		
<b>Past President (2020-2021)</b>	Enrique Fuentes-Mattei, PhD	<b>Graduate Student Representative</b>	José F. Delgado
<b>Secretary</b>	Julieta Martino, PhD	<b>Postdoctoral Representative</b>	Isabel Alvarado-Cruz, PhD
<b>Treasurer</b>	Kelly Salinas, PhD	<b>Toxenlaces Editor</b>	Julia Rezende da Silva, BSc







# 2021 HOT AWARDEES



## **Distinguished Toxicologist Award**

Dr. Silvia Berlanga de  
Moraes Barros  
University of São  
Paulo, Brazil

## **Graduate Student Travel Award**

Luma Melo  
Indiana University



HOT wants to congratulate two of our HOT Past-Presidents for being elected to SOT Committees!



## **SOT Membership Committee**

Dr. Elena Hernandez Ramón



## **SOT Awards Committee**

Dr. Pedro L. Del Valle



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# HOT POSTERS AND TALKS

<b>Abstract Title</b>	Cytoskeleton Rearrangement Induced in RAW264.7 Cells by Exposure to Organophosphate Compounds
<b>Session Title</b>	Pesticides
<b>Abstract #</b>	3106
<b>Poster Board #</b>	P237
<b>Presentation Date</b>	24/03/2021
<b>Presentation Time</b>	1:00:00 PM
<b>Authors</b>	David Sebastián Hernández-Toledano, Elizabeth Estrada-Muñiz, Libia Vega-Loyo
<b>Abstract Title</b>	The Effects of Endurance Training on High Fat Diet-Induced Nonalcoholic Fatty Liver Disease in Male Mice
<b>Session Title</b>	Liver: In vivo
<b>Abstract #</b>	2170
<b>Poster Board #</b>	P163
<b>Presentation Date</b>	17/03/2021
<b>Presentation Time</b>	11:15am-1pm
<b>Authors</b>	Luma Melo, Merve Bilici, Amit Hagar, James E Klaunig
<b>Abstract Title</b>	In silico modeling of bisphenols: pregnancy-specific physiologically-based toxicokinetic models for BPA and BPS
<b>Session Title</b>	Computational Toxicology I
<b>Abstract #</b>	2537
<b>Poster Board #</b>	P275
<b>Presentation Date</b>	22/03/2021
<b>Presentation Time</b>	1:00pm - 2:45pm
<b>Authors</b>	David Filipovic, Jeremy Gingrich, Sudin Bhattacharya, Almudena Veiga-Lopez
<b>Abstract Title</b>	Bisphenol S impairs invasion and proliferation of extravillous trophoblasts through epidermal growth factor receptor binding inhibition
<b>Session Title</b>	Reproductive and Developmental Toxicology II
<b>Abstract #</b>	2708
<b>Poster Board #</b>	P174
<b>Presentation Date</b>	23/03/2021
<b>Presentation Time</b>	11:15:00 AM to 1:00:00 PM
<b>Authors</b>	Elvis Ticiani, Yong Pu, Almudena Veiga-Lopez

<b>Abstract Title</b>	Predicted binding sites for bisphenol S within the epidermal growth factor receptor
<b>Session Title</b>	Biological Modeling
<b>Abstract #</b>	2366
<b>Poster Board #</b>	P104
<b>Presentation Date</b>	22/03/2021
<b>Presentation Time</b>	11:15am to 1pm
<b>Authors</b>	Jose Villegas, Elvis Ticiani, Almudena Veiga-Lopez
<b>Abstract Title</b>	Low dose triphenyltin upregulates ABCA1 expression without altering intracellular cholesterol in ovarian theca cells
<b>Session Title</b>	Reproductive and Developmental Toxicology II
<b>Abstract #</b>	2709
<b>Poster Board #</b>	P175
<b>Presentation Date</b>	23/03/2021
<b>Presentation Time</b>	11:15:00 AM to 1:00:00 PM
<b>Authors</b>	Yong Pu, Elvis Ticiani, Denny Martin, Sarah Pearl, Almudena Veiga-Lopez
<b>Abstract Title</b>	Sex-specific extracellular matrix remodeling during adipogenic differentiation by gestational bisphenol A
<b>Session Title</b>	Reproductive and Developmental Toxicology I
<b>Abstract #</b>	2491
<b>Poster Board #</b>	P229
<b>Presentation Date</b>	22/03/2021
<b>Presentation Time</b>	11:15:00 AM to 1:00:00 PM
<b>Authors</b>	Elvis Ticiani, Yong Pu, Anyta Wayne, Kunzhe Dong, Huanming Zhang, Almudena Veiga-Lopez
<b>Abstract Title</b>	Validation of Zebrafish embryotoxicity test (ZET) as a qualified alternative assay for its regulatory use
<b>Session Title</b>	Reproductive and Developmental Toxicology II
<b>Abstract #</b>	2718
<b>Poster Board #</b>	P184
<b>Presentation Date</b>	23/03/2021
<b>Presentation Time</b>	11:15:00 AM to 1:00:00 PM
<b>Authors</b>	A.Alday, J.C. Solis, A.Muriana, C.Quevedo



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# HOT POSTERS AND TALKS

<b>Abstract Title</b>	Developmental and Functional Kidney Toxicity Assay in Zebrafish Embryos
<b>Session Title</b>	Kidney
<b>Abstract #</b>	2132
<b>Poster Board #</b>	P125
<b>Presentation Date</b>	17/03/2021
<b>Presentation Time</b>	11:15:00 AM to 1:00:00 PM
<b>Authors</b>	E. Hernández, A. Muriana, M.J. Mazón
<b>Abstract Title</b>	Clinical Management of Poisoned Patients: An Educational Intervention for Medicine Students of the University of Concepción, Chile
<b>Session Title</b>	Education, Ethical, Legal, and Social Issues
<b>Abstract #</b>	3061
<b>Poster Board #</b>	POS-119
<b>Presentation Date</b>	24/03/2021
<b>Presentation Time</b>	01:00 PM - 02:45 PM
<b>Authors</b>	Mayerlic Urzúa-Farrán, Claudio Müller-Ramírez
<b>Abstract Title</b>	Circulating HMGB1 Triggers the Persistent Pro-Inflammatory Microglia Phenotype: Implications for Gulf War Illness
<b>Session Title</b>	Neurotoxicity: General
<b>Abstract #</b>	2471
<b>Poster Board #</b>	P209
<b>Presentation Date</b>	22/03/2021
<b>Presentation Time</b>	11:15AM - 2:45 PM
<b>Authors</b>	Carla Garza Lombo, Morrent Thang, Hendrik Greve, Evan Messenger, Chandrama Ahmed, Christen Mumaw, Michelle L Block
<b>Abstract Title</b>	Particulate Hexavalent Chromium Alters microRNAs Involved in Carcinogenesis
<b>Session Title</b>	Metals
<b>Abstract #</b>	2073
<b>Poster Board #</b>	P174
<b>Presentation Date</b>	16/03/2021
<b>Presentation Time</b>	1:00:00 PM to 2:45:00 PM
<b>Authors</b>	Idoia Meaza, Rachel M. Speer, Jennifer H. Toyoda, Yuan Lu, Qian Xu, Ronald Walter, Maiying Kong, John Pierce Wise, Sr.

<b>Talk Title</b>	Advancements on Global Efforts for Protocol Harmonization for Zebrafish Toxicology Testing
<b>Session Title</b>	The Need for Protocol Harmonization in the Advancement of Zebrafish as a Model for Toxicological Screening: Global Perspectives and Recent Advancements
<b>Presentation Date</b>	18/03/2021
<b>Presentation Time</b>	11:15 AM to 2:00 PM
<b>Authors</b>	John Ball, Celia Quevedo, Manon Beekhuijzen, N. De Croze, B. Flick, N. Powles-Glover, N. De Croze, B. Flick, N. Powles-Glover, A. Letamendia, Arantza Muriana, Steven Van Cruchten




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# MAKE A DONATION TO THE HISPANIC ORGANIZATION OF TOXICOLOGISTS ENDOWMENT FUND

The goal of the HOT AWARD FUND is to encourage students of Ibero-America (Latin-Americans countries, Spain, and Portugal) heritage to start a career in toxicology. The fund will be used to provide awards based on scientific excellence and scientific progress to domestic or international Ibero-american students (undergraduate and graduate students) and postdoctoral fellows whose studies and research interests are in the toxicological sciences, or to those individuals with the objective of promoting global outreach by increasing research/academic excellence or leadership. These awards will be given to support the development of students and postdoctoral fellows through various educational and scientific activities, including, but not limited to: attendance at international scientific meetings to support presenters at scientific programs, symposiums, workshops, courses, internships, etc.

This contribution is U.S. tax deductible, it will be recognized on our webpage and in *Toxenlaces*, but most importantly, it will help tremendously students to achieve their goals. 

**To donate online, please click [here](#) and select HOT Award Fund from the drop down**



# ***Scholarship Opportunity for Women in Latin America***

## **British Council offers Masters Scholarships to women in Latin America**

The British Council and Imperial College London (United Kingdom) offer six master's scholarships at British partner institutions in the fields of science, technology, engineering and mathematics (STEM) for female students from Argentina, Brazil, Colombia, Cuba, Jamaica, Mexico, Peru or Venezuela.

The opportunities are for the sub-areas of chemical engineering; environmental engineering; climate changes; ecology, evolution and conservation; machine learning and environmental data; environmental technology; green chemistry; management of water resources; international health management; sustainable energies; transport; taxonomy, biodiversity and evolution.

Each scholarship covers the total cost of the course, monthly personal costs and airfare. It also covers the IELTS exam fee, visa, UK healthcare fee and study materials.

Applicants must demonstrate the need for financial support and say how they can inspire future generations of girls to choose careers in STEM areas.

**Candidates can apply until March 26, 2021**, via Imperial College London website. Academic activities begin in **September or October 2021**.

More information at: <https://bit.ly/3uNpNin> or by email [student.funding@imperial.ac.uk](mailto:student.funding@imperial.ac.uk).

# SPONSORS & SISTER ORGANIZATIONS

## Sponsors



Ofelia A. Olivero



Michelle Hernandez



Krishan & Vicky  
Joshi Foundation



## Sister Organizations

Asociación Española de Toxicología	<a href="http://www.aetox.es/">http://www.aetox.es/</a>
Asociación Latinoamericana de Toxicología	<a href="http://www.alatox.org/">http://www.alatox.org/</a>
Associação Latino Americana de Patologia Toxicológica e Experimental	<a href="https://www.alapte.com/">https://www.alapte.com/</a>
Asociación Toxicológica Argentina	<a href="https://toxicologia.org.ar/">https://toxicologia.org.ar/</a>
Asociación Venezolana de Toxicología Médica	<a href="https://www.facebook.com/groups/176740585757320/?ref=br">https://www.facebook.com/groups/176740585757320/?ref=br</a>
Center of Environmental and Toxicological Research – University of Puerto Rico	<a href="http://cetr.rcm.upr.edu">http://cetr.rcm.upr.edu</a>
Escuela Académico-Profesional de Toxicología de la Universidad Nacional Mayor de San Marcos, Lima	<a href="https://farmacia.unmsm.edu.pe/index.php/toxicologia/">https://farmacia.unmsm.edu.pe/index.php/toxicologia/</a>
PLAGBOL – Salud, Agricultura y Medio Ambiente	<a href="http://plagbol.org.bo/">http://plagbol.org.bo/</a>
Red Iberoamericana de Toxicología y Seguridad Química	<a href="http://www.ritsq.org">http://www.ritsq.org</a>
Sociedade Brasileira de Toxicologia	<a href="http://www.sbtox.org/">http://www.sbtox.org/</a>
Sociedade Brasileira de Ecotoxicologia	<a href="https://ecotoxbrasil.org.br/">https://ecotoxbrasil.org.br/</a>
Sociedad Cubana de Toxicología	<a href="http://www.sld.cu/sitios/toxicologia/">http://www.sld.cu/sitios/toxicologia/</a>
Sociedad Mexicana de Toxicología	<a href="http://www.somtox.com.mx/">http://www.somtox.com.mx/</a>
Sociedad de Toxicología de Chile	<a href="http://sotox.cl/">http://sotox.cl/</a>
Society for Risk Analysis Latin America	<a href="http://www.srala.org/">http://www.srala.org/</a>
Toxicología Acuática Ambiental, Medicina Veterinaria- Universidad Nacional de Colombia	<a href="http://www.docentes.unal.edu.co/jfgonzaiezma">http://www.docentes.unal.edu.co/jfgonzaiezma</a>
Universidad de Cartagena	<a href="http://reactivos.com">http://reactivos.com</a>

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 in the upcoming *Toxenlaces* issues, send an email to [Carmen Rubio Armendariz](mailto:CarmenRubioArmendariz@gmail.com) (Councillor for Sister Organizations) at [crubiotox@gmail.com](mailto:crubiotox@gmail.com).

# 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!

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 **Julia Rezende da Silva** (*Toxenlaces* Editor) at [juliarezende@usp.br](mailto:juliarezende@usp.br).

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