Dear all,

I believe in the saying “Tough times don’t last, tough people do”. Recent developments have made many of us in our field wonder what will happen with scientific advancement (and many other things) in the next few years. I guess it is difficult to predict. The near future seems uncertain in many aspects, and many times worrying is inevitable, although it certainly doesn’t help. After a few days of disbelief and concern, I have decided to do a few things that I’d like to share with you.

First, I am committing myself more than ever to do my job with excellence and appreciating other people’s work. I am convinced that what we do is very important; our small or big scientific contributions are already making a difference, and our efforts as scientists and mentors to advance science are absolutely worth it.

I have also decided to advocate for others. People in a privileged position have more influence to make a change than people in a disadvantaged one. We have reached a respectable level of education that makes us stand more firmly. Knowledge is power. However, there are people out there working really hard and playing a valuable role in our society who were not as lucky as us. They are visible and “invisible”, at the same time, as there is nothing that proves their identity, and for some, that means they are less human and with no rights. Their voices are silent, and if my voice can be louder, I’ve decided to use it.

I am also committed to show that diversity certainly makes science better, not only performing my work the best I can and sharing my perspectives, but also appreciating and supporting others. I’d like to dedicate this article to those students who are an example of excellence, professionalism, and dignity; those who have done everything to become professionals, to greatly contribute to our society and who can make a difference in this country, if they are given the opportunity.

I know it takes a village to make a significant change in our society, and I’d like to invite every single member of our village to contribute with one grain of sand to build a more inclusive and embracing community.

And speaking of examples of how diversity makes science better, please take a look at Dr. Mariana Cardenas’ story—from Guanajuato to Harvard, and also learn how anthocyanins provide more than color to fruits and vegetables in Dr. Vinicius de Paula Venancio’s article.

Diversity indeed makes science better! Let’s acknowledge it, show it, and celebrate it!

Finally, don’t forget to apply to the HOT Travel Awards and the Distinguished Toxicologist Award! See more information in page 5, the deadline is January 12th!

Warmest regards,

Elena Hernández-Ramón, MD, PhD
President
The Hispanic Organization of Toxicologists (HOT) is a Special Interest Group of the Society of Toxicology

From the President
Mariana Cárdenas-Gonzalez, Postdoctoral Representative

Dr. Cárdenas-González is a postdoctoral fellow in the Laboratory of Kidney Toxicology and Regeneration, Harvard Medical School in Boston, MA. Mariana’s current research interests are motivated by her desire to decrease environmental health disparities, particularly in less favored populations.

Gente. Yes. It’s been too long. This round I have the pleasure to introduce you to an amazing young, up and coming toxicologist that I think we all should learn more about. Let me introduce you to Dr. Mariana Cárdenas. She is currently a postdoctoral fellow in the Systems Pharmacology Department at Harvard Medical School. She has quite the trajectory that led her to her position at Harvard—do you want to learn more? Read on.

Let’s start with her early years: She’s from Dolores Hidalgo, Guanajuato, a small town in central Mexico, primarily known for its ceramics industry. As a young girl she embodied a curious spirit by firing non-stop questions to anyone who would listen. Specifically she yearned to understand how things worked, what made things tick, and how exactly to use this curiosity to solve problems — clearly all necessary qualities of a great scientist. With supportive, dedicated, hardworking parents, she was provided the opportunity to pursue an undergraduate degree at Autonomous University of San Luis Potosí. There she exhibited great scholastic ability and in her last year of studies she solidified her interest in science, specifically chemistry primarily due to an extraordinary opportunity in La Huasteca Potosina.

Pause. I must ask you, have you ever been to the Huasteca Potosina region? Located on the Gulf of Mexico, it is home to one of the oldest group of indigenous people, the Huasteca who are thought to date back to approximately the 10th century BCE. I’ve been there, only passed through once, but take my word: the strong historical preserved culture, waterfalls, crystal clear rivers, and natural formed caves are only a few things that make up this area’s exceptional natural beauty. Visiting the area is absolutely breathtaking and worth a trip.

Un-pause. In La Huasteca Potosina, Dr. Cardenas participated in a community health effort that was led by a group of American and local medical professionals. During this time she connected with one of the doctors, Dr. John Ladd, an American doctor linked to Jacksonville College in Texas. With few resources; little funding, less than appropriate clinical equipment, and sometimes push back from the community members, Dr. Ladd relentlessly delivered care to the indigenous community. It was Dr. Ladd’s passion to improve health conditions for this marginalized population that drove Mariana to identify her very own inner passion: learning unlocks the ability to help others. As they say, knowledge is power.

Graduate work: With the priceless life experience of working with Dr. Ladd and a positive outlook on her future, she set out to continue to stretch her mind! She went on to earn a Master’s Degree in Environmental Sciences and then moved on to receive her PhD at CINVESTAV (the Center for Research and Advanced Studies of the National Polytechnic Institute) in Mexico City where she studied the nephrotoxic effects of fluoride in animal models.
When I grow up
...from Guanajuato to Harvard

Postdoctoral work: As mentioned, she is currently a postdoctoral fellow at the elite Harvard Medical School. I personally wondered how she got from Mexico to Harvard? Admittedly, I always wanted to include an ivy school name to my CV, but never quite got there. I thought to self: “self, it’s not too late; perhaps a postdoc could be a way to achieve this goal.” Like Dr. Cardenas I too was offered a postdoc position at Harvard, however, for reasons too complicated to list here, I did not accept. So I asked Dr. Cardenas, why Harvard? “Courage, determination, and guts” landed her Harvard, she stated. She fearlessly scouted out her PI, Dr. Vishal S. Vaidya, at the 2012 SOT meeting in San Francisco and expressed her interest in his work. Let that be a lesson to all of us, have the courage to ask…what is the worst thing that can happen? The answer could be no, but you will never know until you ask.

Once at Harvard she worked on the development and validation of new protein biomarkers (such as KIM-1 and NGAL) for early detection of chronic kidney disease (CKD) in Mexican children. Children are especially susceptible to environmentally induced CKD due to their unique routes of exposure and their special vulnerabilities. “I became interested on this topic because the north region of Guanajuato, my home state, has one of the highest incidence rates of CKD in Mexico,” she explained. Exposures to some environmental contaminants, such as heavy metals, are associated with kidney toxicity, and an important risk factor for developing CKD in this community. The work by Cardenas et. al. indicates that high exposure levels to arsenic and chromium trigger increases in KIM-1. Now Dr. Cardenas and her associates are working to establish a valid causal relationship between exposure and renal outcomes by expanding this study into a cross-sectional study design in the same population.

The Future: Where do you see yourself in 2-5 years, what next Dr. Cardenas, what do you want to be when you grow up? With a heart full of optimism, she responded, “I aspire towards a career in academia/research, promoting more effective and stronger public health and environmental protection programs in Mexico. As a naïve young scientist, I am really convinced that with an optimistic attitude and excellent work, I will impact change in my country.” Dr. Cardenas, my response to you: I do not think this is naïve at all. Please keep this movement going, pursue knowledge, continue asking questions and keep us all updated to your progress. Suerte!

Readers, should you want to be highlighted or know someone that would be open to becoming my subject, please pass them my way: azitakj@gmail.com and stay tuned until the next ‘when I grow up’ article!
Planning to attend the next SOT conference?

Baltimore is easy to get to and easy to get around, with a walkable convention campus. Whether you’re strolling around the famed Inner Harbor, staying at one of many first-class hotels or networking in the Baltimore Convention Center, you’ll find Baltimore a delightful waterfront city.

Abstracts for the 2017 Annual Meeting were accepted until October 7, 2016. If you were unable to submit an abstract by October 7, the late-breaking abstract site will open on December 5, 2016, and will remain open until January 12, 2017.

See more at: http://www.toxicology.org/events/am/AM2017/presenters.asp#Abstract-Submissions

Make sure to update your profile in ToXchange and the SOT Job Bank before the meeting!

Apply to SOT Travel Awards: http://www.toxicology.org/awards/sot/awards.asp

HOT Annual Meeting at SOT Annual Meeting

Historically, HOT has the annual meeting during the SOT Annual Meeting. In 2017, we look forward to see you in the several events that we are planning.

HOT Awards: Each year HOT offers Travel Awards based on the scientific merits of the abstracts presented at the SOT meeting by students and postdocs, as well and Recognition Awards for service to the HOT and SOT. Moreover, HOT offers the “Distinguished Hispanic Toxicologist Award", which recognizes the scientific achievements of our more senior members. Find eligibility criteria and more information in the next page.

HOT mentoring activity: The mentoring event will provide strategies to help the trainees of underrepresented backgrounds on how to obtain the desired fellowship, succeed in the new position and move up in the professional trajectory.

Chat with a member of the HOT Executive Committee: The SOT meeting offers an opportunity for HOT members and non-members to network informally with the HOT EC, to connect and gain a better understanding of the HOT initiatives around the world.

Great Networking Opportunities: Mix and mingle with other cool professionals & students.

HOT Awards Ceremony and Reception: Our traditional merit recognition and festive reception with delicious food, good music and, as usual, a good place to meet old friends and make new ones.
HOT Travel Awards

How to apply?

The time to apply is between the moment that you know your abstract has been approved for presentation at SOT and **January 12th 2017**. Late-breaking abstracts are also eligible and awards are contingent to acceptance. Send your information by email to Enrique Fuentes-Mattei, HOT Awards Committee Chair.

For more information please visit: [http://www.toxicology.org/groups/sig/hot/awards.asp](http://www.toxicology.org/groups/sig/hot/awards.asp)

---

**Hispanic Organization of Toxicologists SIG Travel Award**

The HOT Travel Award is offered to outstanding young scientists to help with associated cost when attending and presenting their research at the SOT Annual Meeting. Applications are judged by a panel of scientists based on the scientific merits of the SOT-approved abstract (rationale and scope, experimental procedures, results, conclusions and advancement of toxicology). The award includes a plaque and a stipend.

**How to apply?**

- Applicant must be an undergraduate, graduate or postdoctoral fellow.
- Applicant must be an HOT member of Hispanic/Latino origin at the time of nomination.
- Applicant must be first author of an abstract submitted and accepted for the upcoming SOT Annual Meeting.
- The awardees must attend the HOT Award Ceremony in order to be officially recognized as the winners and get the financial award and plaque.

**The time to apply is between the moment that you know your abstract has been approved for presentation at SOT and January 12th 2017.**

Late-breaking abstracts are also eligible and awards are contingent to acceptance.

Send your information by email to Enrique Fuentes-Mattei, HOT Awards Committee Chair.

For more information please visit: [http://www.toxicology.org/groups/sig/hot/awards.asp](http://www.toxicology.org/groups/sig/hot/awards.asp)

---

**Hispanic Organization of Toxicologists SIG Distinguished Toxicologist Award**

The Distinguished Toxicologist Award will be given each year to a toxicologist of Hispanic origin whose work exemplifies the mission of the HOT-SIG by contributing to the advancement of the field of toxicology. Scientific and/or regulatory accomplishments and/or community services will be considered during the review. The award includes a plaque and a stipend.

**Award Eligibility Criteria**

- Nominator—The nominator for the HOT Distinguished Toxicologist Award Candidate shall be a member of SOT and/or a member of HOT at the time of nomination.
- Nominee—Nominee shall be a member of HOT at the time of nomination.

To nominate a colleague for this award, please submit a complete nomination package by email to Enrique Fuentes-Mattei, HOT Awards Committee Chair, and Robert Casillas, HOT Vice President-Elect, on or before **January 12th 2017**, prior to the SOT Annual Meeting.

For more information please visit: [http://www.toxicology.org/groups/sig/hot/awards.asp](http://www.toxicology.org/groups/sig/hot/awards.asp)
SOT funded Dr. Elena Hernandez-Ramon and Dr. Pedro L. Del Valle as HOT delegates through the Global Initiatives Program to conduct outreach and mentoring activities during the XIV ICT in Merida Mexico, in October 2016. The congress was well organized with scientific symposia and workshops, and had a wide participation of toxicologists from different countries in Latin America and around the world.

Dr. Del Valle was a member of the ICT Organizing Committee and acted as the Master of Ceremonies. He did a magnificent job and exemplified the advantages of bilingualism and multicultural background. Our Sister Organization SOMTOX assigned a booth for HOT at the exhibit area of the Convention Center in Merida, Mexico, where the two delegates Dr. Del Valle and Dr. Hernandez Ramon, together with other current and past members of the HOT Executive Board, including Dr. Ranulfo Lemus, Dr. Marcelo Wolansky, Dr. Mariana Cardenas, Dr. Ofelia Olivero, Dr. Linval de Pass and Dr. Mari Stavanja, recruited more that 100 new HOT members from 12 different Latin American countries!

Dr. Hernandez Ramon, Dr. Lemus and Dr. Wolansky, together with one of our sponsors, Dr. Stavanja, presented travel awards to the awardees:

**Graduate Student Award**  
Carlos Falcon, PhD,  
Instituto de Enfermedades Respiratorias  
Ismael Cosio Villegas,  
Secretaría de Salud, Mexico DF.

**Undergraduate Student Award**  
Jorge Arturo Soriano-Campos,  
Biotechnology Engineering at Universidad Popular Autonoma del Estado de Puebla (UPAEP).

We thank our travel award sponsors: BioReliance, EMGS (Environmental Mutagenesis and Genomics Society), and Dr. Mari Stavanja for their financial support!!!!
The HOT Executive Board together with Dr. Del Valle and Dr. Olivero organized the HOT Sister Organization Summit during this conference. Representatives of the following institutions participating in the summit:

<table>
<thead>
<tr>
<th>CIEMTO-Universidad de Antioquia, Colombia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universidad de Costa Rica</td>
</tr>
<tr>
<td>Universidad de Cartagena, Colombia</td>
</tr>
<tr>
<td>Universidad Autonoma Metropolitana, Mexico</td>
</tr>
<tr>
<td>Universidad de Buenos Aires</td>
</tr>
<tr>
<td>ALATOX</td>
</tr>
<tr>
<td>RITACHILE</td>
</tr>
<tr>
<td>Universidad de San Carlos, Guatemala</td>
</tr>
<tr>
<td>SOMTOX, Mexico</td>
</tr>
<tr>
<td>CINVESTAV, Mexico</td>
</tr>
</tbody>
</table>

During this meeting, we explained the benefits and responsibilities of the Sister Organizations and opened the forum for initiatives. Several representatives expressed their proposals and we agreed to continue working together and to meet regularly. This was definitely a very productive summit and the start of closer collaborations with our Sister Organizations.

Dr. Hernandez Ramon was one of the speakers in the Mentoring Forum organized by Dr. Ofelia Olivero. The Forum provided participants with tools and concepts to understand the multiplicity of opportunities available for their careers. After three talks, the 35-40 participants gathered in three different groups, and met with professionals, including Dr. Del Valle and other HOT members, working in different settings: US Government, Academia, and Industry. The professionals rotated among the three groups, so all participants had opportunities to inquiry about a variety of expertise.

HOT members participated in the Global Collaboration Event, where Dr. Hernandez Ramon gave a presentation about HOT and also showed the video produced by our organization with information about the Global Senior Scholar Exchange Program. HOT delegates also attended an informative session about the current status of ALATOX and plans for a future meeting in Peru.

Several HOT members from the US participated in the ICT meeting, outreach activities, networking events, mentoring workshop, Sister Organizations summit, CEC and/or symposia, including Elena Hernandez-Ramon, Pedro L. Del Valle, Ofelia Olivero, Ranulfo Lemus, Marcelo Wolansky, Mariana Cardenas, Linval De Pass, Mari Stavanja, Ken Ramos, Peter Goering, and William Slikker.

We would like to recognize our Sister Organization, SOMTOX, and colleagues Dr. Betzabet Quintanilla, Luz Maria del Razo, Concepcion Gutierrez-Ruiz, Andrea De Vizcaya-Ruiz, and many others who worked tirelessly planning and conducting a superb scientific program around the theme, “Toxicology and Global Sustainability.” SOMTOX welcomed HOT delegates and made us feel like we were at home!! Thank You!
In November 18th of 2016, HOT released the first webinar of the series *Updates in Toxicology*

"Experimental and biological factors influencing our observations in toxicological assays" (Factores biológicos y experimentales que afectan nuestras observaciones en ensayos toxicológicos)

Presented by Marcelo Wolansky, PhD, an Adjunct Professor (Toxicology) at University of Buenos Aires

You can access the webinar here: [https://www.toxicology.org/groups/sig/hot/index.asp](https://www.toxicology.org/groups/sig/hot/index.asp)

The next webinar of the series *Updates in Toxicology* will be released soon, stay tuned!!!

The webinars *Updates in Toxicology* have been primarily designed to disseminate high quality toxicology research among the scientific community affiliated to HOT and CdeCMX, in order to provide scientific tools that can be used by the new generation of toxicologists in Latin America. These webinars have the support from the Society of Toxicology (SOT) in collaboration with the Hispanic Organization of Toxicologist (HOT) and “Clubes de Ciencias de Mexico (CdeCMex)”. 

If you are interested to know more about CdeCMx you can find more information by visiting their website ([http://www.clubesdeciencia.mx](http://www.clubesdeciencia.mx)) or sending an email to clubesdecienciamex@gmail.com.
NCI Graduate Student Recruiting Program—Call for applications

Applications are currently being accepted for the National Cancer Institute’s Graduate Student Recruiting Program (GSRP). The National Cancer Institute is committed to fostering a diverse community of scientists and expanding the representation among its trainees. The GSRP was instituted by the Center for Cancer Training and its Intramural Diversity Workforce Branch to recruit postdoctoral fellows to complete their training at NCI.

The Graduate Student Recruiting Program is a competitive program that aims to facilitate senior graduate students obtaining postdoc positions at NCI. The top 25 applicants are invited to NCI, and over the course of three days the attendees will learn about the research program & training opportunities, present their work at poster sessions, and interview with principal investigators (scheduled prior to arriving at the NIH). This program provides an advantage to graduate students because applicants are reviewed by NCI investigators looking to fill open positions and view GSRP as a source for qualified candidates. In addition, the poster sessions provide an excellent opportunity for networking and fostering collaborations with NCI investigators.

In order to be eligible, you must be enrolled in a Ph.D. program in the United States and on schedule to complete your PhD requirements by December 1, 2017. The GSRP is open to U.S. citizens and foreign nationals. If you have additional questions, please feel free to contact the GSRP Coordinator at nciggrp@mail.nih.gov.

Applications are currently being accepted for the Graduate Summer Opportunity to Advance Research Program at NIH!

In Summer 2017, the NIH again will be hosting a Summer Internship Program designed around the unique experiences of graduate students in the biomedical sciences, the Graduate Summer Opportunity to Advance Research (GSOAR) Program. This program is a partnership between the Chief Officer for Scientific Workforce Diversity and the NIH Office of Intramural Training & Education.

The GSOAR program seeks to prepare a diverse cadre of young scholars for the rigors of biomedical research so that they excel in graduate school and are highly competitive for future opportunities in the biomedical enterprise. Students will spend the summer working at NIH’s main campus in Bethesda, Maryland, side-by-side with some of the world’s leading scientists. In addition to working in a research group at the NIH, GSOAR students will participate in an enrichment curriculum to develop critical thinking skills and graduate school survival skills, receive career guidance and mentorship focused on the broad array of biomedical careers, and attend leadership training focused on the skills needed to successfully work in team-oriented global research environments.

This program is designed for recently matriculated, first or second year graduate students enrolled in a biomedical PhD program, especially those interested in translational approaches into research design. Students completing a master’s degree who are transitioning into a biomedical PhD program are also eligible to apply. Students from diverse backgrounds and students who have faced disadvantage that impacted their educational or research opportunities earlier in their educational careers are especially encouraged to apply.

The application deadline is January 4, 2017, at 11:59 pm EST. The full application package, including reference letters, must be completed by January 9, 2017 at 11:59 pm for applicants to be considered for the program.

Please visit the GSOAR program website for more information: https://www.training.nih.gov/gsoar_home_page
CONFERENCE

XV CONGRESO DE TOXICOLOGIA Y SEGURIDAD QUIMICA ALATOX
ASOCIACION LATINOAMERICANA DE TOXICOLOGIA

III CONGRESSO INTERNACIONAL DE TOXICOLOGIA Y SALUD
OCUPACIONAL APTOX
ASOCIACION PERUANA DE TOXICOLOGIA

JULY 6-8, 2017
1. **Build mentor relationships**\(^1\). Your mentors should lead key projects and initiatives\(^2\). Be ready to receive feedback on your performance, specially negative\(^3\). Mentors will provide you advice to build critical skills for your promotion and career success\(^2\).

2. **Do your best all the time**\(^3\). If you want to climb the ladder you should always do your work impeccably\(^4\). Treat everybody who you work with you as a client and offer extraordinary customer service\(^4\). Set realistic expectations and deliver your work on time\(^4\). Do not be a clock-watcher employer\(^1\) and avoid thinking “I am not paid for this activity”\(^1\).

3. **Be professional all the time**\(^1\). Dress appropriately\(^1\). Do not complain for everything or blame others if something did not go well\(^1\).

4. **Surround yourself with positive people**\(^2\). Having a supporting environment will boost your energy for growing, learning, and keep motivated to reach your career goals\(^2\). Relate with toxic people to the minimum\(^5\).

5. **Ask for more responsibilities**\(^1,4\) and help your boss succeed\(^4\). Think creatively about what you can do for your institution and be sure to be distinguished from your peers\(^4\). Take risks, bring solutions to problems, take the initiative\(^4\). This does not mean that you are a lone wolf, respect the chains of command and work in a team\(^4\).

6. **Become a member of the star team**\(^2\). Be part of the group that is often called to solve problems and address key opportunities, this will catalyze your promotion and career growth\(^2\). Volunteer and get involved on these key projects\(^1,2\). Look for help from those who have participated on those projects\(^2\).

7. **Let your work speak, not you**\(^4,6\). Self-promotion could be difficult especially for cultural reasons\(^6\). When talking about your accomplishments, demonstrate your expertise with relevant and specific stories\(^6\). When telling your story, make your work the subject and not “I”\(^4\). For example, say: “The yield of the product was increased 5 times” instead of “I increased the yield of the product”. Express humility\(^6\).

8. **Ask yourself: Would I give myself a promotion? If yes, Why?**\(^4\) Promotions and raises are earned not given\(^4\).

---

**References**


HOT Trainee Wall

“My name is Vinicius de Paula Venancio. I recently received my PhD in Toxicology from the University of São Paulo, in Brazil. During my doctorate, I performed part of my research as a Visiting Research Scholar at Texas A&M University. I will now start postdoctoral training at the same university, in College Station, TX. My research expertise is in in vivo and in vitro chemoprevention activity of dietary components with a focus on inflammation and DNA damage.

Chemoprevention involves the use of natural, synthetic, chemical, or biological agents aiming at the suppression or prevention of cancer [1]. Dietary components are considered useful for chemoprevention purposes because they can regulate carcinogenesis-related processes, such as DNA damage and inflammation [2, 3, 4].

Anthocyanins are flavonoids responsible for the red, purple, or blue color of fruits and vegetables. These molecules are particularly useful in chemopreventive studies because they are known to possess anticarcinogenic effects against several tumors, including stomach, colorectal, liver, breast, and prostate cancers [5]. The chemoprevention mechanism of anthocyanins includes the regulation of several pathways, such as decreasing oxidative stress, DNA damage, and the overproduction of inflammatory cytokines [5,6]. Different fruits and vegetables have distinct anthocyanin compositions, which will determine their chemopreventive potential. Due to their promising effects on health, anthocyanins have been studied for various applications, including nutraceuticals and in the food industry.

Novel approaches in anthocyanin (and polyphenol) research involve in vitro and in vivo investigations focused on identifying the targets of their chemoprevention mechanism (such as TNF-α, Bcl-2, iNOS) [6], as well as mechanistic studies of physiologically relevant metabolites. This new strategy aims at investigating the metabolites formed by gut bacteria that could be more readily absorbed compared to the original anthocyanins. Furthermore, this new strategy could help to explain the functional properties.

In conclusion, chemopreventive studies by dietary components proved to be relevant, and their application (associated with the realistic investigation of the pharmacokinetics and pharmacodynamics of these compounds) could lead to the better use of anthocyanins and other polyphenols in disease.

Vinicius P. Venancio
venancio.vinicius@usp.br

References:
### HOT Sister Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Website</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asociación Latinoamericana de Toxicología</td>
<td><a href="http://www.alatox.org/">http://www.alatox.org/</a></td>
</tr>
<tr>
<td>Asociación Venezolana de Toxicología Médica</td>
<td><a href="https://www.facebook.com/groups/176740585757320/?ref=br">https://www.facebook.com/groups/176740585757320/?ref=br</a></td>
</tr>
<tr>
<td>Center of Environmental and Toxicological Research – University of Puerto Rico</td>
<td><a href="http://cetr.rcm.upr.edu">http://cetr.rcm.upr.edu</a></td>
</tr>
<tr>
<td>Red Iberoamericana de Toxicología y Seguridad Química</td>
<td><a href="http://www.ritsq.org">http://www.ritsq.org</a></td>
</tr>
<tr>
<td>Sociedade Brasileira de Toxicologia</td>
<td><a href="http://www.sbtox.org.br/">http://www.sbtox.org.br/</a></td>
</tr>
<tr>
<td>Toxicología Acuática Ambiental, Medicina</td>
<td><a href="http://www.docentes.unal.edu.co/jfgonzalezma">http://www.docentes.unal.edu.co/jfgonzalezma</a></td>
</tr>
<tr>
<td>Veterinaria-Universidad Nacional de Colombia</td>
<td><a href="http://reactivos.com">http://reactivos.com</a></td>
</tr>
</tbody>
</table>

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 Marcelo Wolansky (Councilor for Sister Organizations) at mjwolansky@gmail.com for more information about its inclusion in upcoming *Toxenlaces* issues.

*Special Thanks to the HOT member, Alejandro Lee, to bring beauty, art and design to our Toxenlaces.*
Announcements

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 community of toxicologists, 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.

Application and more information can be found at 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 to toxicology. Other ways to collaborate is by nominating your peers or yourself for the sections Trainee Section and When I Grow Up. For more information about collaborating with Toxenlaces send an email to Aline de Conti (Toxenlaces Editor) at alinedeconti@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).
Editorial team of Toxenlaces wishes you a
Merry Christmas & a Happy New Year 2017

Jose Delgado, MS
Toxenlaces assistant

Teresa Palacios, PhD
HOT secretary

Aline de Conti, PhD
Toxenlaces editor

Alejandro Lee, MS
Toxenlaces art-designer