

Toxicology and Risk Analysis Working Group: September 2019 Activities

ILSI Argentina's WG on Toxicology and Risk Analysis organized significant activities within the XXI Congress of the Argentine Toxicological Association (ATA) and the XXXVII Toxicology Interdisciplinary Sessions. These activities took place in Buenos Aires city, on September 18th to 20th.

Pre-Congress Workshop on RISK21 Webtool: a tool for risk management

This webtool, developed by the Health and Environmental Science Institute (HESI), seeks to provide reliable, accurate and simple approaches to manage risk analysis resources. Based on problem formulation, this tool considers and prioritizes prior knowledge. It consists on an iterative process in which risk is re-evaluated on each level; it is user-friendly, flexible, transparent and with good visualization for communication purposes. RISK21 allows prioritizing molecules according to the level of risk identified in the matrix.

This workshop was organized by ILSI Argentina's WG on Toxicology and Risk Analysis and conducted by Dr. Eliana Muñarriz (Univ. of Buenos Aires). It was carried out as a pre-congress activity, and was attended by 28 professional ATA members who actively participated in the theoretical and practical sessions. According to the feedback from the participants, the content of the workshop was "new to us", the exercises "were clear" and the webtool would be "very applicable" to their jobs.

We would like to thank the valuable collaboration of Eng. Amalia Ponzio (Corteva AgriScience and chair of our WG), Dr. Edda Villaamil (from ATA and member of ILSI Argentina), Ms. Julieta Borello and Dr. Mirtha Nassetta, from ATA.



Visit from Dr. Anna Lowit (US EPA), September 2019

Dr. Anna Lowit visit Buenos Aires to attend the XXI Congress of the Argentine Toxicological Association (ATA), where she was the keynote speaker on September 19th. Besides, she gave another lecture at the Argentina Scientific Society on the 20th about the EPA experience on pesticides risk assessment, 36 professionals from academia, government and industry participated in this activity.

Dr. Anna B. Lowit received her Ph.D. in Environmental Toxicology from the University of Tennessee in 1998 where she was a Graduate Fellow in Sustainable Waste Management. Dr. Lowit began her career with EPA in 1998 with the Office of Pesticide Programs, where she remains today. Dr. Lowit is currently the Senior Science Advisor at the EPA's Office of Pesticide Programs where she advises senior managers and leads multidisciplinary teams on a variety of cross-cutting topics. She is currently one of the Co-Chairs of the Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM). ICCVAM is composed of representatives from 15 U.S. Federal regulatory and research agencies that require, use, generate or disseminate toxicological and safety testing information and whose purpose is to promote and facilitate the 3Rs of toxicity testing (reduce, refine, replace) in regulatory toxicity testing.

Reference

[The History of Alternative Test Methods in Toxicology](#), History of Toxicology and Environmental Health, 2019, Pages 119-127; Chapter 2.12 - USA: ICCVAM and NICEATM

[WarrenCasey](#) and [AnnaLowit](#) :

<https://www.sciencedirect.com/science/article/pii/B9780128136973000159?via%3Dihub>

