

November 2015



The RISK21 team at the Crane Tower in Wuhan, China. (Left to Right) Tim Pastoor, Alan Boobis, Michelle Embry, Angelo Moretto, and Sam Cohen

RISK21 Outreach in Asia

A RISK21 outreach team, composed of Alan Boobis (Imperial College London), Samuel Cohen (University of Nebraska Medical Center), Michelle Embry (HESI), Angelo Moretto (University of Milan), and Tim Pastoor (PSC), gave three highly successful and interactive RISK21 hands-on workshops in Taiwan and China the week of 19–25 October. The workshops introduced the RISK21 project and provided the participants with case study–led instruction on the use of the RISK21 web tool (available at www.risk21.org).

A 1.5-day workshop with over 70 participants was held in Taipei, Taiwan, on 20–21 October, organized by ILSI Taiwan, the Taiwan National Health Research Institutes, and the Food Safety Center of National Taiwan University. The Toxicology Society of Taiwan served as a co-organizer, and the meeting sponsors were the Taiwan Office of Food Safety, the Ministry of Health and Welfare, the US Environmental Protection Agency, and the US Food and Drug Administration.

A 1.5-day workshop with nearly 100 participants was held in Nanjing, China, on 22–23 October, hosted by the Department of Food Safety Standards and the National Health and Family Planning Commission. The event was organized by the China National Center for Food Safety Risk Assessment and ILSI Focal Point in China and co-organized by the Jiangsu Provincial Center for Disease Control and Prevention. Food safety risk assessors from every Chinese Province attended the workshop.



The RISK21 web tool in action in Taipei, Taiwan

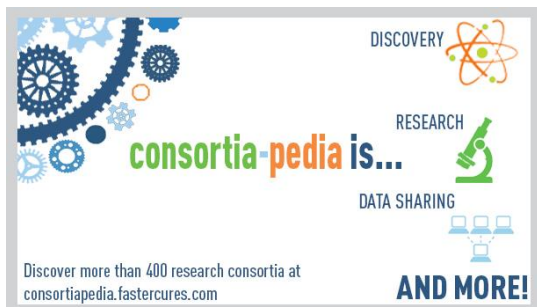
To wrap up their travels, the team held a short course at the China Society of Toxicology Annual Meeting on 25 October in Wuhan, China, with over 150 people in attendance.



Sam Cohen with workshop participants in Nanjing, China

The RISK21 team is exploring options for outreach with partners in other areas of the globe. Stay informed by visiting www.risk21.org or contacting Michelle Embry (membry@hesiglobal.org) for more information.

Interested in Joining New Projects of the HESI Sustainable Chemical Alternatives Technical Committee? The HESI [Sustainable Chemical Alternatives Technical Committee](#) has initiated two new projects: 1) Pilot study for integrating exposure into alternatives assessment, and 2) Developing scoping document for identifying and filling data gaps. A summary of the two projects is included in the recent SETAC North America Annual Meeting [poster](#). If you are interested in participating in these projects or would like additional information, please contact Jennifer Tanir (jtanir@hesiglobal.org).



HESI Highlighted in New Consortia-pedia

Just released! *FasterCures'* [Consortia-pedia Catalogue](#) is a free, publically accessible website that provides specific and contextual information about over 400 research consortia identified through the project. Consortia-pedia will serve as a tool to learn about consortia and connect with them. The catalogue is structured to allow a user to identify a consortium through free-text searches.

UPCOMING EVENTS

HESI Genetic Toxicology Technical Committee (GTTC) at the Upcoming Society for Risk Analysis (SRA) Annual Meeting. The quantitative approaches of the GTTC will be featured in the symposium "Genetic Toxicology at the CrossRoads: Moving from Qualitative Hazard Identification to Quantitative Risk Assessment" on 8 December at the [SRA Annual Meeting](#). Please contact Jennifer Tanir (jtanir@hesiglobal.org) for additional information.

RECENT PUBLICATIONS

Doe JE, Lander DR, Doerrer NG, Heard N, Hines RN, Lowit AB, Pastoor T, Phillips RD, Sargent D, Sherman JH, Tanir JY, and Embry MR (2015) Use of the RISK21 roadmap and matrix: human health risk assessment of the use of a pyrethroid in bed netting. *Crit Rev Toxicol*. doi: 10.3109/10408444.2015.1082974 ([open access](#)).

Scialli AR, Bailey G, Beyer BK, Bøgh IB, Breslin WJ, Chen CL, DeLise AM, Hui JY, Moffat GJ, Stewart J, and Thompson KE (2015) Potential seminal transport of pharmaceuticals to the conceptus. *Reprod Toxicol*. 58:213–221 ([open access](#)).

Thompson KE, Newcomb DL, Moffat GJ, Zalikowski J, Chellman GJ, and McNerney ME (2015) Evaluation of early fetal exposure to vaginally-administered metronidazole in pregnant cynomolgus monkeys. *Reprod Toxicol*. doi: 10.1016/j.reprotox.2015.10.013 ([early online access](#)).

Thompson KE, Rayhon SL, Bailey G, Delille P, and McNerney ME (2015) Assessment of cervical passage of vital dyes in pregnant, nonpregnant, and mated rat and mice. *Reprod Toxicol*. doi: 10.1016/j.reprotox.2015.10.018 ([early online access](#)).

Wolf DC, Bachman A, Barrett G, Bellin C, Goodman JI, Jensen E, Moretto A, McMullin T, Pastoor TP, Schoeny R, Slezak B, Wend K, and Embry MR (2015) Illustrative case using the RISK21 roadmap and matrix: prioritization for evaluation of chemicals found in drinking water. *Crit Rev Toxicol*. doi: 10.3109/10408444.2015.1082973 ([open access](#)).

FROM THE EXECUTIVE DIRECTOR

I congratulate the HESI RISK21 leadership team for their innovative and successful training programs held in China and Taiwan last month. These efforts are illustrative of HESI's ability to translate our published, scientific manuscripts into hands-on learning experiences with direct utility for the real-world challenges of professional risk assessment. I also thank all of our partners within HESI, ILSI China, and ILSI Taiwan who helped to make this possible. Well done!

Spil D. Redit

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