Director’s Report to the NTP Board of Scientific Counselors

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June 16, 2015
Appropriations

- House Labor, HHS, ED and related hearing on NIH funding
- Senate Labor, HHS Appropriations Subcommittee hearing on NIH funding
- The House and Senate have passed a budget resolution for FY 2016
Briefings

- Senate Appropriations staff, Laura Friedel, Majority Clerk, and Alex Keenan, Minority Clerk.

- Senate Interior, Environment Appropriations staff Melissa Zimmerman (Minority) and Chris Tomassi (Majority)
TSCA Reform

• Frank R Lautenberg Chemical Safety for the 21st Century Act FOIA Improvement Act
  – Senate Environment & Public Works Committee hearing on the Lautenberg Chemical Safety for the 21st Century Act

• TSCA Modernization Act of 2015
  – House Energy and Commerce Subcommittee on Environment and the Economy hearing on a draft bill to amend TSCA
Other Relevant Legislation

• 21st Century Cures Act
  – Approved by House Energy and Commerce Subcommittee on Health

• Secret Science Reform Act of 2014
  – Passed by the House in March 2015
Thank you Mary Gant for 27 years of service!
F344/Ntac rats chronically exposed to bromodichloroacetic acid develop mammary adenocarcinomas with mixed luminal/basal phenotype and Tgfβ dysregulation.

Harvey JB (DNTP), Hong HH (DNTP), Bhusari S, Ton TV (DNTP), Wang Y (DNTP), Foley JF (DNTP), Peddada SD (DIR), Hooth M (DNTP), DeVito M (DNTP), Nyska A, Pandiri AR (DNTP), Hoenerhoff MJ (DNTP).

Vet Path. 2015 (SP Goal 1)

Chronic inorganic arsenic exposure in vitro induces a cancer cell phenotype in human peripheral lung epithelial cells. Person RJ, Olive Ngalame NN, Makia NL, Bell MW, Waalkes MP, Tokar EJ. Tox Appl Pharm. 2015

Handbook for Conducting a Literature-Based Health Assessment Using OHAT Approach for Systematic Review and Evidence Integration

• Standard operating procedures based on:
  • Lessons learned from developing protocols
  • Consideration of public comments received on systematic review during the past two years
  • Discussions with experts at other organizations and agencies working on applying methods of systematic review to environmental health and toxicology
Black Cohosh clinical study recruitment

Pharmacokinetics of Bisphenol A in Humans Following a Single Oral Administration in press Environment International

• ICCVAM Communities of Practice Webinar on Reverse Toxicokinetics: Using *In Vitro* Data to Estimate Exposures that Could Be Associated with Adverse Effects *In Vivo* (January 27)

• ICCVAM Public Forum (May 27)

• Workshop on Juvenile Toxicology (March 13)

• Genetics and Environmental Mutagenesis Society (April 27)

• Expert Panel Meeting on Safety of High Intakes of Folic Acid (May 11-12)
Meetings and Events

• IOM Roundtable: The Interplay Between Environmental Exposures and Obesity (Mar 2-3) **SP Goals 1, 2, 3, 4, 5, 6, 10, 11**

• International Symposium on Alternatives Assessment (Mar 5-6) **SP Goals 1, 7**

• Population-Based Rodent Resources for Environmental Health Sciences (Mar 18-19) **SP Goals 1, 3**
Meetings and Events

Toms River Public Meeting

- Presentations on NTP findings on SAN trimer (Feb 4)
- EPA used NTP’s findings to help establish cleanup levels
Meetings and Events

Society of Toxicology

- The U.S. Tox21Collaboration: Advances Made and Lessons Learned
- Evaluating and Quantifying Stress for Inclusion in Cumulative Risk Assessment Approaches for Protecting Vulnerable Populations
- Incorporating In Vitro Pharmacokinetic Data and Tools into Toxicity Testing and Risk Assessments: State of the Science
- Evaluating Similarity across Related Complex Mixtures: The Challenge of Herbal Supplements
- Applications of ToxCast/Tox21 Data: Confidence and Predictivity
- Inflammation in Disease Due to Environmental Exposures
- Comprehensive Analysis of Nano Silver Toxicity Profiles: Known, Unknown, and Surprises!

Demonstrating NTP’s Nonneoplastic Lesion Atlas
Upcoming Workshops

• Alternative Approaches to Identifying Acute Systemic Toxicity: Moving from Research to Regulatory Testing (Sept 24-25)

• Addressing Challenges in the Assessment of Botanical Dietary Supplement Safety (Apr 26-27, 2016)
Nigel Walker, PhD
Herbert E. Stokinger Award
American Conference of Governmental Industrial Hygienists (ACGIH)

Erin Quist, DVM
SOT Roger O. McClellan Student Award

David Malarkey, DVM, PhD
2015 president-elect of the American College of Veterinary Pathologists
In Remembrance

Edward Carney, PhD
NTP BSC 2008 - 2011
Thank You!