

Director's Report to the NTP Board of Scientific Counselors

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17 April 2014



Efforts at the NIH

- Reproducibility
- Big Data and Scientific Computing
- Increased Diversity
- Training





NIEHS Strategic Plan Cross-Divisional Implementation: Priority Activities

- Scientific Data and Knowledge Management: IT governance, establish SIO, data science needs workshop
- Epigenetics: Core facility, systematic review by OHAT, training opportunities
- Stem Cells: Training opportunities
- Exposome: Internal faculty meetings, workshop
- Predictive Toxicology and Disease: Workshop held, organize internal faculty, catalog biobanked human samples
- Inflammation: Workshop planning
- Global Environmental Health: WHO Coordinating Centre and other activities
- Website and Social Media: Web content for mobile users; initial efforts towards search engine optimization

Appropriations

	FY 2012 Appropriation	FY2013 Enacted Level*	FY 2014 Appropriation	FY 2015 President's Request
NIEHS	\$ 685,570,818	\$ 649,788,725	\$ 665,439,000	\$ 665,080,000
NIH	\$30,623,259,131	\$29,098,665,708	\$29,926,104,000	\$30,126,104,000
Superfund	\$ 78,927,514	\$ 74,808,039	\$ 77,349,000	\$ 77,349,000
NIEHS/DOE Training	\$ 10,000,000	\$ 9,230,000		

* FY 2013 includes across-the-board rescission and sequestration reductions.

Science Advances

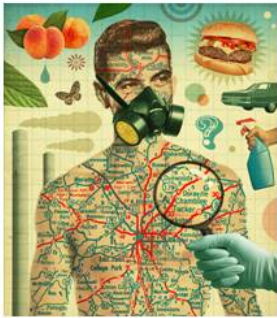
DNTP

- **Disposition of fragrance ingredient [14C]1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone in male Fisher rats following oral administration and dermal application** Waidyanatha S and K Ryan. *Xenobiotica*. (2014)
doi:10.3109/00498254.2014.888489
- **Polyfluoroalkyl chemicals and menopause among women 20-65 years of age (NHANES)** Taylor KW, K Hoffman, KA Thayer and JL Daniels. *Environ. Health Perspect.* (2014)
doi:10.1289/ehp.1306707



One NIEHS Initiatives

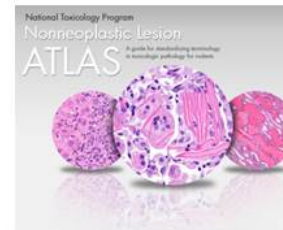
Disaster Response Research (DR2)



PEPH



Exploring the Exposome



NTP Nonneoplastic Lesion Atlas



WHO Collaborating Center

Data Management and Technology

- Comparative Toxicogenomics Database Enhancements



- New Tox21 Chemical Screening Data Released



- DREAM Toxicogenetics Winners



- IOM Roundtable Workshop on Data Sharing for Environmental Health

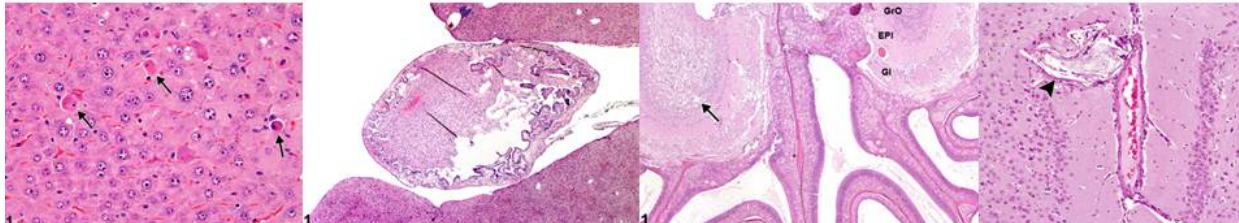
INSTITUTE OF MEDICINE
OF THE NATIONAL ACADEMIES

NTP: Nonneoplastic Lesion ATLAS

- Searchable, free, Web-based resource
- Contains 1000s of high-quality images, NTP recommended terminology, and guidelines for diagnosis of nonneoplastic lesions in experimental rodent models
- Currently includes 5 sections; when completed will contain 56 sections, each focusing on an organ or tissue



- Collaborative effort led by DNTP Cellular & Molecular Pathology Branch
- <http://ntp.niehs.nih.gov/nnl>



Thank You!



Legislative Report **update**

Congressional Meetings

- John Balbus spoke at climate change briefing sponsored by Representative Lois Capps (D-CA) and the American Lung Association
- Birnbaum spoke at briefing “Protecting Children’s Health for a Lifetime: How the Environment Influences Health and Development”



John Balbus



Linda Birnbaum