

Strategic Roadmap Future Priorities

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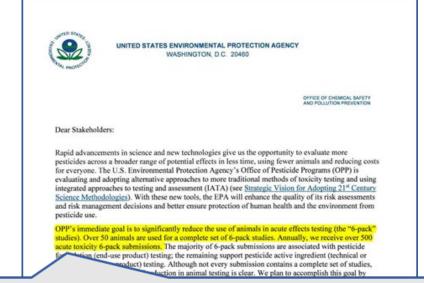
Director, NTP Interagency Center for the Evaluation of Alternative Toxicological Methods

Executive Director, Interagency Coordinating Committee for the Validation of Alternative Methods



6pack Implementation

- Guidance/policy docs within and across agencies
 - Public/Private partnerships
- International harmonization
 - OECD guidelines and/or IATA case studies
- Education/training
 - Role of NGOs and industry consortiums



"OPP's immediate goal is to significantly reduce the use of animals in acute effects testing (the "6pack" studies). Over 50 animals are used for a complete set of 6-pack studies. Annually, we receive over 500 acute toxicity 6-pack submissions."

March 2016 letter to Stakeholders from Jack Housenger on the goal to reduce animal testing

Extending beyond single chemicals

- Application to mixtures (e.g. pesticide formulations, medical device extracts)
 - Data sharing across industry
 - Generating data with Defined Approaches
 - GHS Additivity Approach



- Defining agency- and endpoint- specific contexts of use
 - Prioritizing NAM development/validation accordingly
- Focus on more complex endpoints
 - DTT partnerships: DNT, Cardiotoxicity, Carcinogenicity
 - Systemic toxicity
 - Others?
- Improving environmental health protection
 - Addressing population variability and susceptibility
 - Further developing protective, probabilistic NGRA approaches
 - Providing rapid response options





Workshop on NAMs for the Gastrointestinal Tract October 11-12, 2023

An in-person workshop to examine the state of the science for NAMs modeling the gastrointestinal tract and their context for regulatory consideration.

Focal Areas:

- General "state of the science" for NAM gut models
- Models for de-risking chemicals for systemic toxicity (regulatory relevance and application)
- Gastrointestinal toxicity
- Systemic absorption and distribution
- Gut allergenicity
- Breakout groups covering the following themes:
 - Establishing confidence in existing models
 - Strengths and limitations of different model systems
- Webinar series to provide background information
 - September 18, 9:00 am 10:00 am EDT
 - September 20, 9:00 am 10:00 am EDT
 - October 6, 9:00 am 10:00 am EDT

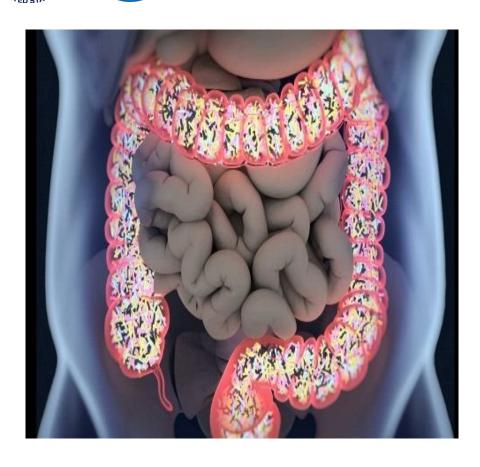














Acknowledgments

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