

Feature Story

US EPA Sets Priority List for Endocrine Disruptor Screening Program

The US Environmental Protection Agency (EPA) recently announced the final list of the first group of chemicals to be tested in Tier 1 screening under the Endocrine Disruptor Screen Program (EDSP). This list consists of 67 chemicals that are pesticide active ingredients and pesticide inert ingredients considered to be high production volume chemicals. The Agency used exposure potential as the primary factor in determining what compounds to put on the list.

This phase of the EDSP will undoubtedly entail considerable use of animals. EPA is required to "develop a screening program, using appropriate validated test systems and other scientifically relevant information" to determine whether "pesticide chemicals" may "have an effect in humans that is similar to an effect produced by a naturally occurring estrogen" under the Federal Food, Drug, and Cosmetic Act.¹ EPA is concurrently validating the whole battery of screening assays to be used in Tier 1 testing. The status of these can be viewed [here](#). The majority of tests are animal based. However, the Washington Post reported that in an April 3 letter to CropLife America, EPA stated the agency is "leaving open the possibility of sometimes using computer modeling rather than relying exclusively on laboratory animal testing...and would be willing to lower the number of lab animals required for testing."²

¹ Federal Food, Drug, and Cosmetic Act, §408(p)

² Eilperin, J. *EPA Will Mandate Tests On Pesticide Chemicals*. The Washington Post, April 16, 2009.

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Forum Postings

Some of the recent posts on the AltTox forums include the following:

[Toxicity Endpoints & Tests forum](#)

- [OECD posts draft in vitro skin irritation test guideline for public comment](#)
- [OECD experts approve new test guidelines for acute inhalation toxicity](#)
- [Whole Embryo Culture \(WEC\) of rabbit embryos established anywhere?](#)

[Emerging Technologies forum](#)

- [FDA Bioinformatics Tool for Public Use - ArrayTrack™](#)
- [New EU Framework Project: CADASTER](#)
- [3-D microtissue research supported by IFER is highlighted in Boston Globe](#)

[Programs & Policies forum](#)

- [the March 11 deadline in the EU for phasing out animal tests for cosmetics](#)
- [Countries Unite to Reduce Animal Use in Product Toxicity Testing Worldwide](#)
- [Policy reports and new OECD database on safety of nanomaterials](#)

[Overarching Challenges & Opportunities forum](#)

- [New US stem cell policy](#)
- [New ACC Group To Advance Risk Assessment Science And Policies](#)
- ["Toxicity Testing in the 21st Century" at the 2010 SOT Meeting](#)

Be sure to visit the forums, respond to previous postings, or start a new message thread.

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New and Updated Information

The AltTox.org Management Team and Editorial Board strive to give readers the most up-to-date summary information related to non-animal methods of

toxicity testing. Check out our latest material:

In the Spotlight

- [US EPA Adopts Strategic Plan for Evaluating the Toxicity of Chemicals](#)

The Way Forward

- [ASAT: Reversing the Paradigm in Toxicity Testing!](#) by Bart Sangster

Toxicity Testing Resource Center

- [Overarching Challenges & Opportunities](#)
- [EU Validation Centers](#)
- [Informational Resources](#)
 - [Meetings & Events](#)
 - [In Vitro Testing & Other Services](#)
 - [Testing Supplies, Cells, Tissues, Software](#)
 - [Databases](#)
 - [3Rs Awards](#)

Upcoming Events

Here are some of the many upcoming events listed on AltTox that may be of interest to our readership:

- [Toxicity Pathway-Based Risk Assessment: Preparing for Paradigm Change](#), May 11-13, 2009, Washington, DC, US
- [Course in Computer Modelling of Toxicokinetics and Cellular Signalling Pathways](#), May 11-15, 2009, Stockholm, Sweden
- [World Stem Cells & Regenerative Medicine Congress 2009](#), May 12-14, 2009, London, UK
- [Forinvitox Forum: From Innovation to Market Success](#), May 12-14, 2009, Stockholm, Sweden
- [First ToxCast Data Analysis Summit](#), May 14-15, 2009, Research Triangle Park, North Carolina, US
- [NICEATM-ICCVAM Independent Scientific Peer Review Panel Meeting: Alternative Ocular Safety Testing Methods](#), May 19-21, 2009, Bethesda, Maryland, US
- [Simcyp In Vitro-In Vivo Extrapolation Workshop](#), May 25-29, 2009, Leiden, The Netherlands
- [Society for In Vitro Biology 2009](#), June 6-10, 2009, Charleston, South

Carolina, US

[More Events >>](#)

User Participation

We welcome your participation in the AltTox forums, as well as your comments and suggestions, which can be submitted by using the online [Website Feedback](#) survey, or by e-mailing info@alttox.org. Please submit your suggestions for the Informational Resources or Events section to info@alttox.org.

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