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# Endocrine Disruptors 2010

15-16 June 2010, Zurich, Switzerland

The possible effects of chemicals on human health and the environment continue to be hotly debated with fresh research on the influence of so called "endocrine disruptors" giving rise to even greater public visibility in recent years.

There has been a great amount of press attention centred on endocrine disruptors following the EPA's much proposed implementation of the Endocrine Disruptor Screening Programme (EDSP) in 2009. Under the new EDSP chemical manufacturers- and specifically manufacturers and importers of pesticide active and inert ingredients – are required to screen for potential endocrine activity using a set of screening assays from the EPA.

This move from the EPA is likely to trigger further actions from the European Commission who have been working on their own strategy for endocrine disruptors. There is now a sense of urgency to move forward with the European Commission's "priority list for further evaluation" to provide clarity to the chemical industry and downstream users.

Suspected endocrine disruptors have been classified under the REACH chemicals regulation as "substances of equivalent concern" to carcinogenic, mutagenic and reprotoxic (CMR) agents, which are subject to the most stringent requirements for authorisation or complete marketing bans. Therefore any miscommunication about the priority list could have damaging repercussions for many businesses – particularly those involved in the manufacture of concentrated animal feed operations, paints, brominated flame retardants, pesticides and products containing Bisphenol-A and phthalates who risk a "black list" effect for their products.

Finding a workable system to identify and validate "endocrine active disruptive substances" and to assess their effects using appropriate risk-based approaches has not been without controversy. The Holy Grail, it seems, is a set of clearly defined, integrated and globally harmonised test methods that minimise the need for animal testing. Under the proposed European scheme priority chemicals that have potential to interact with the endocrine system will be selected for initial screening and testing, while in the US chemicals (initially pesticides and common inerts) will be prioritised based on exposure potential to humans and the environment.

iSmithers and sister companies Springborn Smithers and Smithers Viscient, are organising a conference on Endocrine Disruptors to address the impact of one regulatory programme on registrations in other geographical regions.

We are currently recruiting speakers for this high profile event, so if this is your area of expertise please consider submitting a paper.

## Papers on the following topics will be especially welcome:

- OECD framework for testing of endocrine disruptors
- Principles and practices of the EU testing scheme: what are the obligations?
- Update on the EPA's EDSP
- Update on Japan's programme for the screening of Endocrine Disruptors
- Interrelation between Endocrine Disruptor regulation, the Cosmetic Directive, REACH and the Pesticides Directive
- The Long Range Research Initiative (LRI) for endocrine disruptors
- Requirements for assays e.g. uterotrophic, hershberger and enhanced sub-acute/chronic tests
- Joint data development and possible establishment of chemical repository
- How will data sharing be enforced?
- Formation of cost sharing consortia for integrated testing
- Data compensation and data protection
- Evaluation of in vitro and in vivo test methods for screening large number of chemicals
- Test development for longterm, delayed and epigenetic effects
- Test development towards minimizing vertebrate use (invertebrates, in vitro, etc.)
- Overcoming the CRO bottleneck effect
- Development of exposure scenarios
- Interpretation of data and extrapolation to whole organism
- Procedures for amending registrations
- Case studies from industry on testing in practice

Presenting authors at Endocrine Disruptors 2010 will be entitled to free registration on both days of the conference including lunches, refreshments and a copy of the proceedings. If you are interested in presenting a paper at this event, please send a title, short summary, speaker name(s) and company name(s) to Alix Reeves email [areeves@ismithers.net](mailto:areeves@ismithers.net) or Fax +44(0)1939 252416 by the deadline of **15th December 2009**.

## Conference Language

Please note that the conference will be conducted in English.

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# Abstract Submission - Endocrine Disruptors 2010

If you would like to present a paper at this event please complete and return this abstract form to the *i*Smithers Conference department by 15 December 2009. Alternatively please e-mail an outline of your proposed paper to Alix Reeves (areeves@ismithers.net).

You will be allowed 30 minutes for the presentation at the conference which includes approximately 5 minutes for questions. Finished papers must be provided prior to the conference for inclusion in the pre-printed proceedings distributed free to all delegates at the event. The programme consultants will review abstracts submitted and authors will be notified of acceptance by 15 January 2010.

Presenting authors at the conference will be entitled to free registration on both days including lunches, refreshments and a copy of the proceedings.

Title of Paper

Author  
Prof / Dr / Mr / Mrs / Other

Subject area

Abstract (approx. 200 words)

Co-authors

Name

Company

Address

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E-mail

Please return this form by 15 December 2009 to:  
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