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Endocrine Disruptors 2011

The 1st International Conference

8-9 February 2011, Zürich, Switzerland

The debate on the safety evaluation of chemicals for human health and the environment has received increasing attention in the recent past. For example, in response to the concern that certain environmental chemicals could be interfering with the endocrine system of humans and wildlife regulations have been promulgated by various regulatory bodies around the world to target the evaluation of these types of effects with the final goal to prevent adverse effects on human health and the environment.

According to Annex XV of Regulation (EC) No 1907/2006 (Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)) in Europe, an Annex XV dossier has to be prepared for compounds that are carcinogenic, mutagenic, reproductively toxic, respiratory sensitizers, persistent / bioaccumulative / toxic (PBT) or of equivalent concern. While equivalent concern is somewhat unspecified, chemicals that could interact with the endocrine system would fall into that category. In the United States, the US Congress enacted in 1996 Section 408(p) of the Food Quality Protection Act (FQPA) which directed the US Environmental Protection Agency (EPA) to develop and implement a screening program using "validated test systems" to investigate the potential of chemicals to induce adverse health effects through endocrine pathways. This endocrine disruptor screening program (EDSP) is now underway and the manufacturers of 67 pesticides and chemicals have to date received test orders for the completion of tier 1 screening tests to be done according to the EPA's 890 test guidelines.

Since an Annex XV dossier or a positive finding from the EDSP will have far reaching consequences including use restrictions up to a total ban, the assessment of endocrine activity needs to be based on solid science starting from reliable, robust, validated and internationally harmonized screening tests up to and including an agreed upon assessment of the available data considering a weight of evidence approach.

Endocrine Disruptors 2011 is a two day symposium organised by iSmithers, and sister companies Springborn Smithers and Smithers Viscient, aimed at addressing key topics related to the evaluation of adverse effects on the endocrine system and corresponding regulatory requirements. The conference will bring together experts from academia, government, and industry from around the globe to focus on current and future trends in testing, interpretation and evaluation of test results and how this relates to or influences regulatory activities. Specific topics will include:

- A general overview of the endocrine system in humans and wildlife and its perturbations from adverse effects
- The history of the recommendations or requirements for endocrine testing and outcome of results
- Test guideline requirements, positive and negative controls, and relevance and reliability considerations
- Smart testing strategies and the use of weight of evidence approaches. Interpretation of results in the context of risk assessment
- Case studies

These topics will be addressed by invited speakers as well as by presenters responding to this call for papers. Experts in these areas are therefore encouraged to respond to the call for papers for this high profile and relevant event. Interested presenters are requested to submit a title and short summary together with name and affiliation to Alix Reeves,

E-mail: areeves@ismithers.net

Fax: 0044 (0) 1939 252 416

by not later than **3 September 2010**.

Who Should Attend?

The conference will be of interest to individuals working in the following areas:

- Toxicology and Ecotoxicology
- Research and Development
- Regulatory Affairs
- Contract Research Organisations (CROs)

Sponsorship and Exhibition

A limited number of high profile cost, effective sponsorship opportunities are available to advertise your company alongside this important event. For more information please go to: www.polymerconferences.com or contact the conference department, conferences@ismithers.net

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Conference Language

Please note that the conference will be conducted in English.

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Abstract Submission Form - Endocrine Disruptors 2011

If you would like to present a paper at the Endocrine Disruptors conference please complete and return this abstract form to the Smithers Rapra Conference department by 3 September 2010. 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 29 October 2010.

Presenting authors at the conference will be entitled to free registration on both days including meals, 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

Tel.

Fax.

E-mail

Please return this form by 3 September 2010 to:

Alix Reeves, Business Manager - Conferences, Smithers Rapra Technology, Shawbury, Shropshire, SY4 4NR, UK

Fax: +44 (0)1939 252416 or e-mail your abstract to: areeves@ismithers.net