



UNIVERSITÀ DEGLI STUDI DI MILANO
FACOLTÀ DI FARMACIA

**ENDOCRINE DISRUPTORS:
THEORY AND PRACTICE OF THE EVALUATION
Online workshop**

November 30th and December 1st 2020

In recent decades, scientific concerns have increased, the public debate and the attention of the media on the possible deleterious effects in man and in the environment that may derive from exposure to substances capable of interfering with the endocrine system. Endocrine disruptors (ED) include a variety of classes of substances, including natural and synthetic hormones, plant constituents, pesticides, biocides, substances used in industry and consumer products, pollutants.

EFSA and ECHA have published a Guidance Document on how to identify substances to be classified for their properties as endocrine disruptors.

The Guidance allows applicants and regulatory authorities to identify endocrine disruptors between chemicals proposed as pesticides and biocides based on scientific criteria developed by EU Member States and the European Commission. The guide was prepared by a working group, made up of experts from ECHA and EFSA, and supported by the Joint Research Center of the European Commission of Ispra (JRC).

The study and workdays aim to present the contents of the Guidance both as regards the hazard identification of ED on mammals, including humans, and non-mammalian species. The Guidance provides a tiered assessment strategy allowing to reach a conclusion on the potential ED properties of a pesticide/biocide. Practical cases will be presented that will be a source of interactive debate with the audience.

SITOX will be hosting the ED Meeting in a virtual format. This format allows to schedule sessions for a diverse array of (eco)toxicology expertise.

All presentations will be pre-recorded and available for attendee perusing beginning the week before Nov 23 to Nov 27. These presentations will form the fundamental basis for the discussions that will happen during the virtual workshop, held December 1, 2020. Attendees could view the presentations according to their own schedule, in order to facilitate their participation to the discussion and knowledge exchange during the workshop.

On the Nov 30th the speakers will present the content of the Guidance Document in a nutshell, focusing on the main aspects of the suggested approaches (e.g. weight of evidence and mode of action) both for humans and non-target organisms.

Attendees can participate verbally during the panel discussions and Q/A time after each presentation. Session chairs will call on individuals raising their hands to share their views and ask questions.



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On December 1st, an interactive discussion will take place based on the case studies identified by the speakers. Those cases studies will be submitted a priori to participants with a list of questions guiding in the evaluation of the different cases. Case studies will cover both mammalian as well as ecotoxicological cases.

In addition to scientific presentations and the panel discussions, session organizers are working to integrate interactive polling and chat questions to increase opportunities for dialogue and understanding among attendees.

The language of the workshop will be: **ENGLISH**.

FOR MORE INFORMATION, PLEASE FIND BELOW THE PROGRAM AND THE REGISTRATION FORM.

THE PARTICIPATION FEES ARE ONLY FOR THOSE WHO HAVE NOT YET PAID THE REGISTRATION.

PROGRAM

November, 30th 2020		
14.00-14.10	Corrado L. Galli (SITOX)	Welcome and introduction on the scope of the workshop
CHAIR: Marina Marinovich (University of Milan), Corrado L. Galli (SITOX)		
14.10-14:30	Maristella Rubbiani, (European Commission)	The regulatory framework and the criteria for the identification of endocrine disrupters
14:30 -16:30	Maria Arena (EFSA)	Scope of the ECHA/EFSA Guidance and the assessment strategy
	Andrea Terron/Maria Arena (EFSA)	Assembling and evaluating lines of evidence both for adversity and endocrine activity for (tox/ecotox)
	Andrea Terron (EFSA)	Mode of Action Analysis
	Andrea Terron/Maria Arena (EFSA)	The Appendix A on T modality
16:30-17:00	General discussion	
December, 1st 2020		
CHAIR: Maristella Rubbiani (EC), EFSA, tbd		
14:00-14:30	Andrea Terron	EFSA view on mammalian toxicity case study X
14:30-15:00	Andrea Terron	Attendees view
15:00-15:30	Andrea Terron	EFSA view on mammalian toxicity case study Y
15:30-16:00		Attendees view
16:00-16:30	Maria Arena	EFSA view on ecotoxicity case study Z
16:30-17:00		Attendees view
17:00	Marina Marinovich (University of Milan), Corrado Galli (SITOX)	Discussion, Q&A wrap up and concluding remarks

REGISTRATION FORM

NAME _____ SURNAME _____
AFFILIATION _____
E-MAIL _____ PHONE _____

Please indicate which discussion group you are more interest in:

- ✓ Mammalian toxicity
✓ Ecotoxicity

REGISTRATION FEE

	CHARGES	VAT 22%*	TOTAL
SITOX MEMBER*	€ 100,00	-----	€ 100,00
NON SITOX MEMBER	€ 160,00	35,20	€ 195,20

***N.B.: SITOX MEMBERS don't have to pay VAT** and don't receive an invoice but a regular receipt that confirm the successful of the payment (**VAT out of range operation - art. 4, comma 4, d.p.r. 633/72**).

Other participants (non members) have to pay VAT and will receive an electronic invoice (IT IS MANDATORY TO FILL THE FORM BELOW).

ELECTRONIC INVOICING DATA (MANDATORY – NON MEMBERS)

INVOICE HEADER (NAME AND SURNAME or COMPANY)

LEGAL ADDRESS / REGISTERED RESIDENCE _____
CAP _____ CITY _____ COUNTRY _____
E-MAIL _____
FISCAL CODE _____ VAT NUMBER _____
ELECTRONIC INVOICING CODE _____ PEC _____

TERMS OF PAYMENT: BANK TRANSFER / CREDIT CARD (€)

All the information to pay the fee are available here: <https://www.sitox.org/pagamenti>

Please, confirm the participation sending the registration form – via e-mail – to SITOX Organising Secretariat (sitox@segr.it) with the payment copy.

The Italian Society of Toxicology declares that the personal data communicated by the user are processed in accordance with the provisions of Legislative Decree 196/2003, as amended by Legislative Decree 101/2018, and with EU legislation (EU Regulation 2016 / 679) as specifically indicated in the privacy information available on the Society's website at: <https://www.sitox.org/informativa-sul-trattamento-dei-dati-personali/> that the user, with the subscription of this Agreement, declares to have fully viewed, understood and accepted.

DATE AND PLACE _____ SIGN _____