

# Dioxin 2018 Session

## Endocrine Disruption II: Thyroidogenicity, Exposure and Health

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WITH YOUR COLEGUES and STUDENTS!

Dear Colleague,

You are invited to submit an Abstract to the **Dioxin 2018** Symposium Session on **Endocrine Disruption II: Thyroidogenicity, Exposure and Health** to be held in Kraków, Poland, 26-31 August 2018. Each registered author can submit as presenter up to two abstracts. Abstracts by students (for oral or poster presentation) can be accepted also for the Pre-Dioxin Students Session to be held on August 25.

**Thyroid hormone (TH) disruption is of growing concern for human health and the environment. It is now one of the crucial endocrine effects in focus as part of the European Commission's attempt to evaluate and monitor the exposure to the TH disrupting compounds (THDCs). THs play an important role in the maintenance of a normal physiological state and are essential for metabolism and growth. Chemicals in the environment that interfere with the ability of THs to act could have devastating effects on individuals, as well as on whole populations. Therefore, it is important to identify the THDCs in our environment that are causing effects. Many studies have reported on chemicals with endocrine effects leaching out from our household products and ending up in for example dust from homes, and these chemicals find their way to e.g. children via their hand-to-mouth activities. Simultaneously, another significant exposure pathway is via the placenta and the mother's milk to the growing child. This implies the importance of determining the exposure to humans in general.**

**In our daily life we are continuously exposed to mixtures of chemicals from our surrounding environment, some voluntary (e.g. pharmaceuticals and personal care products) and some without our awareness (e.g. plasticizers, surfactants, flame retardants, antibacterial agents, antioxidants and many others), leaching out from household products, indoor materials and goods).**

**Presentations addressing fate, exposure, and effects of THDCs in our indoor and outdoor environment are welcome.**

The oral presentation is to be 20 minutes in length (including questions). Ideally, all submissions are to be a one page abstract or a four page short paper (see the guidelines established by the meeting organizers). A one page abstract should have up to 600 words. A short paper consists ~4 pages (see the guidelines established by the meeting organizers), and will be published on a USB stick and can be accepted and published in the 2018 volume of the Organohalogen Compounds journal ([http://dioxin20xx.org/ohc\\_database\\_search.htm](http://dioxin20xx.org/ohc_database_search.htm)).

The Pre-Dioxin 2018 Symposium Students Session "**All POPs and Pseudo-POPs**" will be held at the session venue located at the venue very close to the Old Downtown Kraków area. This is a session for students by students and only student presentations are accepted. Depending on the number of participants, one submission per registered student is permitted at this time. In addition to the standard 20-minute oral presentations (including time for questions) and poster presentations, there exists the possibility of presenting a short (5 min) poster highlight session in addition to a poster presentation. These short oral presentations will give young researchers the opportunity to present

their work and initial results and will give an opportunity to receive constructive feedback. Awards for the best student presentation (oral or poster) will be granted to students for outstanding presentations at the Students Symposium.

Students applying for a Otto Hutzinger Award must submit a four pages short paper and for students attending the Pre-Symposium Students Sessions only the one-page abstract is required.

**Kindly let us know in advance if you plan to submit an Abstract for consideration as an ORAL presentation.**

NOTE: Participation in the Students Session is free of charge for student presenters who are registered for the Dioxin 2018 Symposium, and have paid applicable registration fees. Other student attendants – please see for details at <http://dioxin2018.org/>.

**Dioxin 2018 Abstract Submission – Deadline for an abstract submission is May 11, 2018. Your abstract can be considered as accepted unless you receive a notice of rejection.**

We look forward to hearing from you -- and hope to see you at Dioxin 2018 in Kraków.

Chairs

**Åke Bergman<sup>1</sup>** and **Patrik Andersson<sup>2</sup>**

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