



First announcement

9TH BERLIN-WORKSHOP ON DEVELOPMENTAL TOXICOLOGY AS SATELLITE TO THE **46TH ANNUAL MEETING OF THE EUROPEAN TERATOLOGY SOCIETY**

13th September to 14th September 2018

Federal Institute for Risk Assessment (BfR), Berlin, Germany

Following the 46th Annual Meeting of the European Teratology Society BfR invites the experts to discuss the classification of findings in Version 2 terminology (published by the official journals of the European, American and Japanese Teratology Societies) to improve classification of findings and laboratory investigations. The workshop will contribute to the international harmonization of developmental anomalies. In this respect the 9th "Berlin DevTox Workshop" is an excellent platform for scientific collaboration to improve of the assessment of chemicals regarding their health effects.

The topics are grouped in three different main panels. Results of the discussions will be published by the BfR:

- Final update of the DevTox database
- Consideration of specific aspects in regulatory risk assessment
- Discussion of alternative strategies in testing developmental effects

The current workshop aims to intensify discussions among risk assessors, risk managers and stakeholders in order to understand current needs and explore possibilities to support the progress towards a harmonized human health risk assessment of plant protection products, biocidal products and other chemicals.

Format of the Workshop

Participation is by invitation and following online registration. Individual lectures are given in the scientific sessions. Subsequent panel discussions serve as platform for discussions. Results will be published on the BfR website.

Expected participants will be various stakeholders (industry associations, producer organizations, universities) from international and national authorities of Europe and Member States.

Areas of Discussion

- Reduction of post-natal grey zone anomalies in laboratory animals in developmental toxicity studies aiming harmonized human health risk assessment of plant protection products.
- Scientific basis for classification of chemicals as developmental toxicants aiming an independent, valid and reliable evaluation.
- Comparison of developmental anomalies in laboratory animals with human data.
- Exploring possibilities to enhance the scientific dialogue between the different stakeholders and other experts.
- Alternative methods for risk assessment in developmental toxicity testing.
- Exploring possibilities to support the progress towards harmonized approaches for risk assessment.

AGENDA

Thursday 13 September 2018 (Location NH Hotel Berlin Alexanderplatz)	
13:30	Welcome and Opening Remarks President BfR; President of ETS
13:45	Key note speaker: Dieter Neubert
Terminology in Developmental toxicology Chair: Jochen Buschmann; Co-Chair (Rapporteur): Ruth Clark	
14:10	Update of new images and categorisation in the DevTox Data base (Rupert Kellner, Hannover)
14:40	Survey to reduce (post-natal) grey zone anomalies in devtox.org (Ibrahim Chahoud, Berlin)
15:10	Chinese version in devtox.org and atlas of common malformations (Weihua Li, Shanghai)
15:40	Coffee break 30 `min

Risk and hazard assessment in developmental toxicology Chair: Roland Solecki , Co-Chair (Rapporteur): Andrea Terron (Parma)	
16:10	Regulatory aspects of developmental toxicology (Roland Solecki, Berlin)
16:30	Classification of pesticides as developmental toxicants and negligible exposure – i Perspective of the regulator (Alberto Mantovani, Roma)
16:50	Classification of pesticides as developmental toxicants and negligible exposure – ii Perspective of the industry (Steffen Schneider, Ludwigshafen)
17:10	Classification of pesticides as developmental toxicants and negligible exposure – iii Human Data for assessment of developmental effects (Shiota Kohei, Tokyo)
17:30	Final discussion
18:00	“Get together” (Dinner)
Friday 14 September 2018 (Location BfR Berlin Jungfernheide, Biotechpark)	
8:30	Walking in
9:00	Introductory remarks
Alternative Species in testing of developmental effects Chair: Alberto Mantovani	
9:10	C. elegans (Paul Wittkowski, Berlin)
9:30	Zebrafish (Jingying Hu, Shanghai)
9:50	Snail

	(Francisco Paumgarten, Rio)
10:10	Coffee break 30 `min
<p>Methodology for the future</p> <p>Chair: Gilbert Schönfelder , Co-Chair (Rapporteur): Thomas Knudsen</p>	
10:40	<p>Improved embryonic bodies for studying development, embryotoxicity, and placental function in vitro</p> <p>(Marlon Schneider, Berlin)</p>
11:00	<p>Models used to detect skeletal anomalies: applications, limitations and future perspectives</p> <p>(Frank Schulze, Berlin)</p>
11:20	<p>TOX 21 – Developmental toxicology</p> <p>(n.n)</p>
11:40	<p>Alternative methods and AOP in Developmental neurotoxicity</p> <p>(Ellen Fritsche)</p>
12:00	Final discussion
12:30	<p>Closing remarks</p> <p>(Ibrahim Chahoud, Gilbert Schönfelder, Jochen Buschmann)</p>
12:45	End of workshop