

11. German Pharm-Tox Summit - Advanced Course / Workshop  
of the Working Groups „Regulatory Toxicology“ and „Mixture Toxicity“  
of the Society of Toxicology

**Topic: “Mixture Toxicity”**

17 March 2026, 10:00 – 17:00 (CET)

<https://gpts-kongress.de/programme-abstracts/advanced-courses>  
<https://programme.conventus.de/gpts-2026/program/schedule/2026-03-17/grid>

Heinrich Heine University Düsseldorf  
Building: 22.01, Roy Lichtenstein, Lecture Hall 2A  
Universitätsstraße 1, 40225 Düsseldorf  
Germany

Chairs: Denise Bloch (Working Group MixTox) and Michael Werner (Working Group RegTox)  
Language: English

	<b>Welcome</b>	
10.00 - 10.30	Michael Werner, Stockmeier Chemie, Bielefeld Denise Bloch, BfR, Berlin	Organisational and introductory remarks on „old“ EU and „new“ GHS C&L systems
	<b>Session 1: Mixtures in hazard assessment</b>	<b>Moderation: Denise Bloch/ Michael Werner</b>
10.30 - 11:00	Nicolaj Heuer, BAuA, Dortmund	<b>GHS / CLP</b> <ul style="list-style-type: none"> <li>• Introduce additivity, synergism, antagonism</li> <li>• 6 pack</li> <li>• Longer-term toxicity</li> </ul>
11.00 11.30	Philip Marx-Stölting, BfR, Berlin	<b>CAGs / CKGs</b> <ul style="list-style-type: none"> <li>- Introduction to dynamic vs kinetic mechanisms of mixture toxicity</li> <li>- Challenges in the absence of experimental data on ADME and use of PBP(T)K instead</li> </ul>
11.30 – 11.50	<b>Coffee break</b>	
11.50 – 12.35	Alkiviadis Stagkos Georgiadis BfR, Berlin	<b>Practical exercise</b> Calculation of classification categories on the basis of individual substance toxicities (application of the additivity principle)

12.35 – 13.45	<b>Lunch break</b>	<b>General Meeting AK RegTox</b>
	<b>Session 2: Mixture risk assessment</b>	<b>Moderation: Denise Bloch/ Michael Werner</b>
13.45 - 14.15	Jose Tarazona, EFSA, Parma	<b>EFSA Mixture Guidance</b> Experimental needs considering 3Rs and challenges for implementation
14.15 – 14.45	Vincent Blaschke, BfR, Berlin	<b>Non-dietary risk assessment of pesticides and biocides</b> <ul style="list-style-type: none"> <li>• Aggregate vs. cumulative risk assessments</li> <li>• Hazard quotient and hazard index</li> <li>• Decision scheme for additivity or non-cumulative assessment</li> <li>• Regulatory issues in cumulative risk assessments</li> </ul>
14.45 – 15.15	Stefanie Melching-Kollmuss, BASF, Limburgerhof	<b>Cumulative dietary risk assessment</b> <ul style="list-style-type: none"> <li>• Cumulative Assessment Groups, e.g. neurotox, thyroid, reproductive toxicity</li> <li>• Criteria for Grouping, prioritization and Uncertainty Assessments</li> <li>• Probabilistic exposure assessments</li> <li>• CAG-based approach and limitations</li> <li>• Regulatory issues in cumulative risk assessments</li> </ul>
15.15 – 15.35	<b>Coffee break</b>	
15.35 – 16.05	Hennicke Kamp, BASF, Ludwigshafen	<b>Mixture Toxicity under REACH</b> <ul style="list-style-type: none"> <li>• RPF</li> <li>• MAF and alternatives</li> </ul>
16.05 – 16.55	<b>Plenary discussion – Outlook on the safety of mixtures from a regulatory point of view</b>	Moderation: Michael Werner

16.55 – 17.00	<b>Closing remarks and end of GT Advanced Course 2026</b>	
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