



Advanced Course / Workshop
des Arbeitskreises „Regulatorische Toxikologie“
in der Gesellschaft für Toxikologie

„Natürliche Kanzerogene – Konzepte zur Risikobewertung“

25. Februar 2019, 11:00 – 16:45 Uhr Stuttgart

Vorsitz: Heidi Foth

Konferenzsprache Deutsch

Abstract:

Naturally occurring genotoxic compounds or carcinogens such as estragole, pulegone or menthofuran cause alerts during evaluation of herbal medicinal products for efficacy and safety. Contaminating plants carry pyrrolizidine alkaloids into the final product. Another example for contamination are polycyclic aromatic hydrocarbons from air pollution or technical sources during processing of the herbs. The progress in toxicological research on genotoxic compounds has generated doubts whether broadly distributed herbs and traditionally consumption patterns are proven to be safe.

In principle, the rules from scientific assessment of risks from herbal products are the same as already established for other sectors such as occupational world or food safety. But observational studies on human health are also vague or missing and it is unclear whether these naturally occurring carcinogens are a real danger.

It may debatable whether the insight is strong enough to reason the need to lower the use of herbal plants in general. A scientific discussion is needed on signal values and margin of exposure approaches that will give the right impulses for risk management measures that are effective to reduce consumers health risk on the background of diverse sources of exposure. Many plants used in pharmaceuticals and in medicinal teas have an overlapping exposure scenario with traditional cooking with herbs or with herbal tea consumption.

Registration: see [GT Website](#)

Programm

11:00 Uhr Begrüßung / Einführung	Walter Aulmann, Monheim Heidi Foth, Halle
11:10 Uhr Herausforderungen bei der Zulassung von „Herbal Medicinal Products“	Reinhard Länger, Wien
11:45 Uhr Risikobewertung von „Botanicals und „botanical preparations“ – das Vorgehen der EFSA	Ursula Gundert Remy, Berlin
12:20 Uhr Bewertung des kanzerogenen Risikos von Eugenol	Jacqueline Wiesener Bonn
13:00 Uhr Mittagspause / Mitgliederversammlung & „Braune-Tüte-Lunch“	AK Regulatorische Toxikologie
14:00 Uhr Bewertung des kanzerogenen Risikos von Pyrrolizidinalkaloiden	Ralf Stahlmann, Berlin
14:35 Uhr Standards in Anbau und Produktion von Herbal Medicinal Products	Barbara Steinhoff, Bonn
15:15 Uhr Kaffeepause	
15:45 Uhr Podiumsdiskussion – Moderation: Catrin Powell, Mainz	Ursula Gundert-Remy, Heidi Foth, Reinhard Länger, Ralf Stahlmann, Barbara Steinhoff, Jaqueline Wiesner,
16:45 Uhr Ende der Veranstaltung	