

BIOGRAPHY

27 April 2011

Title and name

Prof Dr Ursula Gundert-Remy

Nationality

German

Panel

Scientific Panel on Food Additives and Nutrient Sources (ANS)

Education

State Examination (Medizinisches Staatsexamen), 1969, University of Heidelberg, Germany

Medical Doctorate (Dr. med), 1969, University of Heidelberg, Germany

Habilitation (Dr. med. habil.) 1979, University of Heidelberg, Germany

Venia legendi (Dr. med. habil. PD), 1979, University of Heidelberg, Germany

Adjunct Professor (ausserplanmaessiger Professor), 1986, University of Heidelberg, Germany

Guest Professor, 1992, University of Erlangen, Germany

Full Professor, 1993, University of Goettingen, Germany

Scientific and risk assessment experience

Toxicokinetics and Metabolism

Organ specific metabolism

Physiologically based toxicokinetics

Toxicokinetic modelling

Mode of action

Modelling of effects/toxicodynamics

Alternative methods in risk assessment.

Main scientific publications

Toxicokinetic and physiologically based toxicokinetics; metabolism, local metabolism; in silico approaches (QSAR, TTC); toxicogenomics techniques

Hengstler JG, Foth H, Gebel T, Kramer PJ, Lilienblum W, Schweinfurth H, Völkel W, Wollin KM, Gundert-Remy U. (2011) [Critical evaluation of key evidence on the human health hazards of exposure to bisphenol A](#). Crit Rev Toxicol. 41:263-91.

Mielke H, Abraham K, Götz M, Vieth B, Lampen A, Luch A, Gundert-Remy U.(2011) [Physiologically based toxicokinetic modelling as a tool to assess target organ toxicity in route-to-route extrapolation--the case of coumarin](#). Toxicol Lett. 25;202(2):100-10.

Mielke H, Anger LT, Schug M, Hengstler JG, Stahlmann R, Gundert-Remy U. [A physiologically based toxicokinetic modelling approach to predict relevant concentrations for in vitro testing](#). Arch Toxicol. 2010 Nov 3. [Epub ahead of print]

Rupp B, Appel KE, Gundert-Remy U. (2010) [Chronic oral LOAEL prediction by using a commercially available computational QSAR tool](#). Arch Toxicol. 84(9):681-8.

Oberemm A, Ahr HJ, Bannasch P, Ellinger-Ziegelbauer H, Glückmann M, Hellmann J, Ittrich C, Kopp-Schneider A, Kramer PJ, Krause E, Kröger M, Kiss E, Richter-Reichhelm HB, Scholz G, Seemann K, Weimer M, Gundert-Remy U (2009) [Toxicogenomic analysis of N-nitrosomorpholine induced changes in rat liver: comparison of genomic and proteomic responses and anchoring to histopathological parameters](#). Toxicol Appl Pharmacol. 241(2):230-45.

Mielke H, Gundert-Remy U. (2009) [Bisphenol A levels in blood depend on age and exposure](#). Toxicol Lett. 190(1):32-40.

Settels E, Bernauer U, Palavinkas R, Klaffke HS, Gundert-Remy U, Appel KE. (2008) [Human CYP2E1 mediates the formation of glycidamide from acrylamide](#). Arch Toxicol. 82(10):717-27.

Lahl U, Gundert-Remy U. (2008) [The Use of \(Q\)SAR Methods in the Context of REACH](#). Toxicol Mech Methods 18(2-3):149-58.

Bernauer U, Heinemeyer G, Heinrich-Hirsch B, Ulbrich B, Gundert-Remy U. (2008) [Exposure-triggered reproductive toxicity testing under the REACH legislation: a proposal to define significant/relevant exposure](#). Toxicol Lett. 176(1):68-76

Oberemm A, Meckert C, Brandenburger L, Herzig A, Lindner Y, Kalenberg K, Krause E, Ittrich C, Kopp-Schneider A, Stahlmann R, Richter-Reichhelm HB, Gundert-Remy U. (2005) [Differential signatures of protein expression in marmoset liver and thymus induced by single-dose TCDD treatment](#). Toxicology. 206(1):33-48.