

BIOGRAPHY

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Title and name

Prof. Dr. Johannes Westendorf

Nationality

Germany

Panel

Additives and products or substances used in animal feed (FEEDAP)

Education

- Diploma in Chemistry, 1972, Chemical Institute of University of Hamburg,
 - PhD in Chemistry, 1975, Chemical Institute of University of Hamburg
 - Expert in Toxicology, 1986, German Society for Pharmacology and Toxicology
 - Habilitation in Toxicology and Pharmacology, 1987, Institute of Pharmacology and Toxicology, University Medical School, Hamburg
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Scientific and risk assessment experience

- Analytical and synthetic chemistry
 - General Pharmacology
 - General Toxicology
 - Experimental genotoxicology
 - Environmental Toxicology
 - Toxicology and pharmacology of natural compounds
 - Risk assessment of toxic compounds in plants, food and drugs
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Main scientific publications

- Genotoxicity screening with short term tests in vitro and animals in vivo
 - Pharmacology and toxicology of natural compounds
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J. Westendorf, H. Marquardt, M.B. Ketkar, U. Mohr, and H. Marquardt (1983), Tumorigenicity in vivo and induction of mutagenesis and DNA repair in vitro by aclacinomycin A and marcellomycin: Structure activity relationship and predictive value of short-term-tests. Cancer Res., 43: 5248-5251

J. Westendorf, H. Marquardt, B. Poginsky, M. Dominiak, J. Schmidt and H. Marquardt (1990), Genotoxicity of naturally occurring hydroxyanthraquinones. Mut. Res., 240: 1-12

Liepelt A., Karbe L. and Westendorf J. (1995), Induction of DNA strand breaks in rainbow trout Oncorhynchus mykiss under hypoxic and hyperoxic conditions. Aquatic Toxicol 33 (2): 177-181

Vahl, H.H., Karbe, L., Prieto-Alamo, M.J., Pueyo, C. and Westendorf, J. (1995), The use of the Salmonella BA9 forward mutation assay in sediment quality assessment. Mutagenicity of freshly deposited sediments of the River Elbe. J Aquat Ecosyst Health 4: 277-283

Berger, B., Marquardt, H. and Westendorf, J. (1996), Pharmacological and Toxicological Aspects of New Imidazoacridinone Antitumor Agents. *Cancer Research* 56: 2094-2104

Westendorf, J., Pfau, W. and Schulte, A. (1998), Carcinogenicity and DNA adduct formation observed in ACI rats after long term treatment with madder root, *Rubia tinctorum*, L. *Carcinogenesis* 19: 2163-2168

Gutendorf, B. and Westendorf, J. (2001), Comparison of an array of in vitro assays for the assessment of the estrogenic potential of natural and synthetic estrogens, phytoestrogens and xenoestrogens. *Toxicology*, 166, 79-89

Paneitz, A. and Westendorf, J. (1999), Anthranoid contents of Rhubarb (*Rheum undulatum* L.) and other *Rheum* species and its toxicological relevance. *Eur Food Res Technol* 210: 97-101

Westendorf, J., Effenberger, K., Iznaguen, H., and Basar, S. Toxicological and analytical investigations of Noni (*Morinda citrifolia*) fruit juice. *J. Agric. Food Chem.* 2007, 55, 529-537

Basar, S., Uhlenhut, K., Högger, P., Schöne, F., Westendorf, J. (2010). Analgesic and anti-inflammatory activity of *Morinda citrifolia* L. (Noni) fruit. *Phytother Res*, 24, 38-42