

BIOGRAPHY

17/05/2010



Title and name

Dr. Detlef Wölfle

Nationality

Austrian

Panel

CEF - Food contact materials, enzymes, flavourings and processing aids.

Education

University degree (diploma) in Biology -1975 - University of Göttingen (Germany)

Dr. rer. nat., PhD - 1979 - University of Göttingen (Germany)

University Teaching Qualification in Pharmacology and Toxicology (Habilitation) - acquired in 1998 - University of Hamburg (Germany)

“EUROTOX Registered Toxicologist” - 1998

Scientific and risk assessment experience

1. Toxicology
 2. Risk assessment of pesticides and food contact materials
 3. Biochemistry
 4. Microbiology
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Main scientific publications

Scientific papers, mainly dealing with toxicological (e.g. on tumor promoters), biochemical and microbiological issues, have been published in international journals and as chapters in text books. Ten more relevant papers are as follows:

1. Roos, P., Angerer, J., Dieter, D., Wilhelm, M., Wölfle, D., Hengstler, J.G. (2008) Perfluorinated compounds (PFC) hit the headlines. Arch.Toxicol. 82:57-59
2. Wölfle D. Enhancement of carcinogen-induced malignant cell transformation by prostaglandin F(2 alpha). Toxicology 2003; 188: 139-147.

3. Wölfle, D., Marotzki, S., Dartsch, D., Schäfer, W. und Marquardt, H. (2000) Induction of cyclooxygenase expression and enhancement of malignant cell transformation by 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Carcinogenesis* 21, 15-21.
4. Koss, G. und Wölfle, D. (1999) Dioxin and Dioxin-like Polychlorinated Hydrocarbons and Biphenyls In: *Toxicology* (H. Marquardt, S. Schäfer, R. McClellan und F. Welsch, Hrsg.) Academic Press, San Diego.
5. Wölfle, D. (1997/98) Interactions between 2,3,7,8-TCDD and PCBs as tumor promoters: Limitations of TEFs. *Teratogenesis Carcinog. Mutagen.* 17, 217-224.
6. Wölfle, D. und Marquardt, H. (1996) Antioxidants inhibit the enhancement of malignant cell transformation induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin. *Carcinogenesis* 17, 1273-1278.
7. Wölfle, D., Schmutte, C. und Marquardt, H. (1993) Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin on protein kinase C and inositol phosphate metabolism in primary cultures of rat hepatocytes. *Carcinogenesis* 14, 2283-2287.
8. Wölfle, D., Schmutte, C., Westendorf, J. und Marquardt, H. (1990) Hydroxyanthraquinones as tumor promoters: Enhancement of malignant transformation of C3H mouse fibroblasts and growth stimulation of primary rat hepatocytes. *Cancer Res.* 50, 6540-6544.
9. Wölfle, D., Münzel, P., Fischer, G. und Bock, K.W. (1988) Altered growth control of rat hepatocytes after treatment with 3,3',4,4'-tetrachlorobiphenyl in vivo and in vitro. *Carcinogenesis* 9, 919-924.
10. Wölfle, D. und Jungermann, K. (1985) Long-term effects of physiological oxygen concentrations on glycolysis and gluconeogenesis in hepatocyte cultures. *Eur.J.Biochem.* 151, 299-303.