

BIOGRAPHY

16 July 2010



Title and name

Dr Rainer Gürtler

Nationality

German

Panel

ANS - Panel on Food Additives and Nutrient Sources added to Food

Education

State examination in Biology and Chemistry (equivalent of first degree), 1987, Freie Universität Berlin (Germany)

Dr. rer. nat. (Biology), 1993, Freie Universität Berlin (Germany)

Scientific and risk assessment experience

Extensive experience in risk assessment in the field of food toxicology, especially regarding food additives, flavourings and food ingredients. Experience in experimental in vitro toxicology, mainly addressing genotoxicity and cytotoxicity.

Main scientific publications

1. Risk assessments of food additives, flavourings and food ingredients published on the website of the Federal Institute for Risk Assessment (BfR), e.g:

1a. Gesundheitliche Bewertung von Acetaldehyd in alkoholischen Getränken. Aktualisierte Stellungnahme Nr. 022/2010 des BfR vom 04. Mai 2010

http://www.bfr.bund.de/cm/208/gesundheitsliche_bewertung_von_acetaldehyd_in_alkoholischen_getraenken.pdf

1b. Infant formula and follow-up formula may contain harmful 3-MCPD fatty acid esters. BfR Opinion No. 047/2007, 11 December 2007

http://www.bfr.bund.de/cm/245/infant_formula_and_follow_up_formula_may_contain_harmful_3_mcpd_fatty_acid_esters.pdf

1c. Hyperactivity and Additives – Is there an association? BfR Expert Opinion No. 040/2007, 13 September 2007

http://www.bfr.bund.de/cm/245/hyperactivity_and_additives_is_there_an_association.pdf

1d. Indications of the possible formation of benzene from benzoic acid in foods. BfR Expert Opinion No. 013/2006, 1 December 2005

http://www.bfr.bund.de/cm/245/indications_of_the_possible_formation_of_benzene_from_benzoic_acid_in_foods.pdf

1e. Dyes Sudan I to IV in food. BfR Opinion of 19 November 2003

http://www.bfr.bund.de/cm/245/dyes_sudan_I_IV.pdf

2. von der Hude W, Behm C, Gürtler R, Basler A (1988) Evaluation of the SOS chromotest. Mutation Research 203, 81 – 94.

3. von der Hude W, Carstensen S, Gürtler R, Obe G (1991) Structure-activity relationships of epoxides: Induction of sister-chromatid exchanges in V79 cells by enantiomeric epoxides. Mutation Research 278, 289 – 297.

4. Müller-Tegethoff K, Gürtler R, Kasper P, Hambach P, Schleicher R, Müller L (1995) Hepatocyte proliferation in vitro. Journal of Experimental & Clinical Cancer Research 14 Suppl., 53 – 54.

5. Gürtler R (2007) Lebensmittelzusatzstoffe: Gesundheitliche Bewertung und allgemeine Aspekte, in: Dunkelberg H, Gebel T, Hartwig A (Hrsg.) Handbuch der Lebensmitteltoxikologie, Band 3, Wiley-VCH, Weinheim, 1625 – 1663.

6. Gürtler R (2010) Safety of food additives from a German and European point of view. Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz 53(6), 554-560.
