

CURRICULUM VITAE

April 2018



Title and name

Prof Peter Fürst

Nationality

German

Panel / Scientific Committee

Panel on Food Additives and Flavourings (FAF)

Education

Honorary Professor, 2009, University of Münster/Germany

PhD in Food Chemistry, 1982, University of Münster/Germany

State examination in Food Chemistry, 1979, University of Münster/Germany

Work Experience

1981 – present	Chemical and Veterinary Analytical Institute Münster/Germany	Employee of the institute and its predecessor institutes since 1981; Research on ingredients and contaminants in food and feed 1981-2003; Head of Department of Central Analytical Services 2003-2014; Director of the institute since December 2014
1995 – present	University of Münster/Germany – Institute of Food Chemistry	Lectures on special topics of “Food Toxicology”
1991/1992 and 1994	Ministry for Environment, Regional Planning and Agriculture Düsseldorf/Germany	Delegation for 9 month as acting head of division “Food of non-animal origin”
1988	Centers for Disease Control (CDC)”, Atlanta/USA and „Institute for Health and Welfare”, Ottawa/Canada	Six month sabbatical leave

Scientific expertise

Analytical chemistry

Organic chemistry
Food legislation
Chemical risk assessment
Food consumption survey
Non-dietary exposure assessment
Dietary exposure assessment
Uncertainty analysis

Most relevant scientific publications within the fields of EFSA

Author of the following editorial:

Fürst P (2011). Dioxins in feed and food again – real or perceived risk? *Eur. J. Lipid Sci. Technol.* 113, 401–402,

Co-author of the following publications:

Schymanski D, Goldbeck C, Humpf H-U, **Fürst P**, 2018. Analysis of microplastics in water by micro-Raman spectroscopy: Release of plastic particles from different packaging into mineral water. *Water Research*;129: 154-162. <https://doi.org/10.1016/j.watres.2017.11.011>

Habermeyer M, Roth A, Guth S, Diel P, Engel KH, Epe B, **Fürst P**, Heinz V, Humpf HU, Joost HG, Knorr D, de Kok T, Kulling S, Lampen A, Marko D, Rechkemmer G, Rietjens I, Stadler RH, Vieths S, Vogel R, Steinberg P, Eisenbrand G, 2015. Nitrate and nitrite in the diet: how to assess their benefit and risk for human health. *Mol Nutr Food Res*;59(1):106-28. doi: 10.1002/mnfr.201400286.

LaKind JS, Sobus JR, Goodman M, Barr DB, **Fürst P**, Albertini RJ, Arbuckle TE, Schoeters G, Tan YM, Teeguarden J, Tornero-Velez R, Weisel CP, 2014. A proposal for assessing study quality: Biomonitoring, Environmental Epidemiology, and Short-lived Chemicals (BEES-C) instrument. *Environ Int*;73:195-207. doi: 10.1016/j.envint.2014.07.011.

van Asselt ED, Kowalczyk J, van Eijkeren JC, Zeilmaker MJ, Ehlers S, **Fürst P**, Lahrssen-Wiederholt M, van der Fels-Klerx HJ, 2013. Transfer of perfluorooctane sulfonic acid (PFOS) from contaminated feed to dairy milk. *Food Chem*;141(2):1489-95. doi: 10.1016/j.foodchem.2013.04.035.

Kowalczyk J, Ehlers S, Oberhausen A, Tischer M, **Fürst P**, Schafft H, Lahrssen-Wiederholt M, 2013. Absorption, distribution, and milk secretion of the perfluoroalkyl acids PFBS, PFHxS, PFOS, and PFOA by dairy cows fed naturally contaminated feed. *J Agric Food Chem*;61(12):2903-12. doi: 10.1021/jf304680j.
