

## Dr. Roland Kallenborn

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Professor Roland Kallenborn is an international renowned scientist and University teacher in the field of organic analytical chemistry, environmental chemistry and environmental risk assessment, bioaccumulation and food web responses to environmental contaminants. Kallenborn was appointed Professor competence by an international evaluation committee in 2008. He is an environmental chemist with his main research interests in method development for identification, characterisation and mitigation of organic environmental pollutants (including contaminants of emerging concern and transformation products). Currently, his research focuses on the elucidation of pollutant profiles in Urban Agriculture, food processing and Arctic environments. He applies modern trace analytical methods in an interdisciplinary context in his research strategies. For his research, he applies quantitative validated analytical methods for the determination of legacy and new priority anthropogenic pollutant. He works with advanced chromatographic separation techniques with sensitive mass spectrometric detection (LC/MS, GC/MS, GCxGC-MS). Kallenborn is author/ co-author of 110 peer reviewed publications, 12 books/ monographs (author, chapter author and editor), 20 contract reports, 10 popular science papers and more than 250 presentations (poster/ oral) in international conferences and seminars. He serves as editor/ editorial board member for the IF registered scientific Journals “Current Chromatography”, “Fresenius Environmental Bulletin”, “Ecotoxicology and Chemistry”, “Environmental Science and Pollution Research” (Springer) and “Chemosphere” (Elsevier).