

# Curriculum Vitae

Last name, First name: ... Krätke, Renate

Gender: Female...

Nationality/ies: German...

## Overall Scientific Expertise:

Scientific expertise in toxicological evaluation and provision of risk assessments; experienced in exposure assessment as well as in evaluation of experimental data from in vivo and in vitro testing with respect to different toxicological endpoints. Involved in classification of dangerous goods for transport, in adaptation of transport safety standards in matters of health risks and in adhoc evaluations in case of incidents. Experienced in hazard identification and classification of substances and mixtures, in further development of the globally harmonized system of classification and labelling of chemicals (GHS) as well as in evaluation of alternative test methods and in further development of OECD test guidelines. Expertise in evaluation of research projects (e.g. for nanoparticles), as well as in evaluation of methods for risk assessment purposes. Competence in ecotoxicology and in risk assessment for aquatic and terrestrial compartments.

## Professional Experience

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation <sup>^</sup>
2002- now	Senior Scientist	Fed. Institute for Risk Assessment, Berlin	Risk Assessment, Toxicology (corrosion, irritation, sensitisation, genotoxicity, reproductive toxicity, carcinogenesis, endocrine disruptors, nanotoxicology, acute and chronic toxicity, toxicokinetic, alternative methods, evaluation of methods) Exposure assessment (consumer, occupational exposure)
1998- 2002	Assistant Professor	Technical University, Berlin	Research and Teaching Biology, Marine Biology, Ecology, Toxicology, Ecotoxicology
1997- 1998	Scientist	Federal Environmental Agency, Berlin	Ecotoxicology, Evaluation of chemicals

<sup>^</sup>[For example: toxicology (alternative methods, carcinogenesis, endocrine, immunotoxicity, occupational, exposure assessment, genotoxicity, etc.), chemistry (atmospheric, medicinal, peptide, etc.), physics (biophysics, EMF radiation, noise, etc.), engineering (genetic, environmental, medical, etc.),

biology (antimicrobial resistance, biophysics, biotechnology, etc.), medicine (allergies, neurology, etc.), epidemiology (clinical, genetic, cancer, etc.) environmental science (air quality, waste treatment, climate change, ecology, etc.), biostatistics, pharmacokinetics, medical technologies, nanoscience, etc...]

## Educational Background

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation*
1997	PhD	Freie Universität, Berlin	Biology – toxicology, teratology, embryotoxicology
1992	Diploma	Freie Universität, Berlin	Biology –zoology, genetics, ecology, cellular & molecular biology, statistics, chemistry

\*[*For example:* chemistry (analytical, organic, etc.), physics (thermodynamics, nuclear, etc.), engineering (mechanical, electrical, chemical, civil, etc.), biology (microbiology, molecular, etc.), medicine (dermatology, oncology, etc.), environmental science, pharmacology, toxicology, etc....]

## Memberships in Scientific Advisory Bodies/Committees/Panels (*if any*):

- United Nations, IMO, Marine Environment Protection Committee
- United Nations, IMO, Pollution, Prevention and Response Sub-Committee
- United Nations, ECOSOC Sub-Committee of Experts on the Transport of Dangerous Goods
- United Nations, ECOSOC Sub-Committee of Experts on the GHS
- OECD, Working groups (skin and eye corrosion/irritation)
- European Directorate for the Quality of Medicines & HealthCare (EDQM), Council of Europe: Consumer Health Protection Committee (CD-P-SC) Committee of Experts on Cosmetic Products (P-SC-COS) (head of German delegation and chair in 2006, Chair of WG on Tattooing products)
- Scientific Committee on Health and Environmental Risks (European Commission)
- ECVAM Scientific Advisory Committee

## Memberships in Learned Societies (*if any*):

- ...
- Deutsche Gesellschaft für Pharmakologie und Toxikologie
  - Society of Toxicology

## Memberships in Editorial Boards (*if any*):

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## List of Publications:

Numerous publications in book chapters, national and international journals, partly peer-reviewed. Rapporteur of many reports, monographs and opinions regarding risk assessment, consumer safety and chemical safety.

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1. **BLUME A, KRÄTKE R, LUCH A, PLATZEK T** (2013) TÄTOWIERMITTEL. DEUTSCHE LEBENSMITTELRUNDSCHAU 109, 433-437
2. **PLATZEK T, KRÄTKE R**, 2009, RISK ASSESSMENT OF COLOURANTS USED IN COSMETICS IN THE EU. HOUSEHOLD AND PERSONAL CARE TODAY, 4, 26-32
3. **OEZELT G, MEUNIER J, ANTON R, HUYNH-DELERME C, VERDIER C, KRAETKE R, STAMMATI A, BRAGT P, GAIKEMA F, WINK K, TALBERG HJ, TESDAL HALAND J, AMBERG-MUELLER J, SABATINI SAMORI C**, 2008, ACTIVE INGREDIENTS USED IN COSMETICS: SAFETY SURVEY. COUNCIL OF EUROPE PUBL. STRASBOURG
4. **MASSE HO, ORLOFF A, SAINIO EL, POCHET A, ROUSSELLE C, KRÄTKE R, DE VINZENZI M, ROELFZEMA H, BRAGT PC, TALBERG HJ, FOTLAND TO, ANTUNES M, ISIDORO MT, QUARESMA P, DONAT M, WIESMANN AB** (2006), COMMITTEE OF EXPERTS ON COSMETIC PRODUCTS PLANTS IN COSMETICS - POTENTIALLY HARMFUL COMPONENTS. VOLUME III. STRASBOURG: COUNCIL OF EUROPE
5. **LÖSCHAU M, KRÄTKE R** (2005) EFFICACY AND TOXICITY OF SELF-POLISHING BIOCID-FREE ANTIFOULING PAINTS. ENVIRONMENTAL POLLUTION 138: 260 – 267
6. **Krätke R, Platzek T** (2004) Migrationsverfahren und Modelle zur Abschätzung einer möglichen Exposition mit Textilhilfsmitteln und –farbmitteln aus Bekleidungstextilien unter Anwendungsbedingungen. Bundesgesundheitsbl – Gesundheitsforsch – Gesundheitsschutz 47: 810-813
7. **Keil C, Forchert A, Fastner J, Szewzyk U, Rotard W, Chorus I. Krätke R** (2002) Toxicity and microcystin content of extracts from a *Planktothrix* bloom and two laboratory strains. Water Research 36: 2133-2139