



The environment needs
people like you
who put heaven and
earth in motion with us.



Your application:

Equal opportunities are an integral part of our personnel policy, we therefore particularly welcome applications from qualified women. Severely disabled persons are given priority where applicants are equally qualified.

Your contact for any questions you may have about the job:

Mrs. Dr. Nadin Ulrich
nadin.ulrich@ufz.de

Place of work: Leipzig

Closing date for applications: February the 26th of 2017

Please use our online application system for your application:

www.ufz.de/career

Helmholtz Centre for Environmental Research
GmbH – UFZ

Permoserstraße 15
04318 Leipzig



The Helmholtz Centre for Environmental Research (UFZ) with its 1,100 employees has gained an excellent reputation as an international competence centre for environmental sciences. We are part of the largest scientific organisation in Germany, the Helmholtz community. Our mission: Our research seeks to find a balance between social development and the long-term protection of our natural resources.

In a framework of 10 Integrated Projects (IPs) scientists address key environmental challenges following a solution-oriented approach. In order to strengthen its interdisciplinary work, UFZ is currently offering 12 PhD positions. One position will be dedicated to the following subject:

PhD position (m/f)

Toxicokinetic modeling of perfluoroalkyl acids (PFAAs) in humans

Project start: 1st July 2017, working time 50% (19,5 h/week); limited for three years

Your duties:

Perfluoroalkyl acids (PFAAs) are a class of persistent, bioaccumulative and toxic chemicals. They are ubiquitously present in human serum samples. However, only little is known about the toxicokinetics of PFAAs in humans. In this project partition coefficients for different media (serum albumin/water, muscle protein/water, phospholipids/water) should be determined experimentally. These experimentally determined values can then be used to describe uptake, distribution and elimination of the PFAAs in the human body via a physiologically based toxicokinetic (PBTK) model.

Your profile:

We are searching for a highly motivated and team-orientated candidate with a background in biochemistry, pharmacology, analytical chemistry or environmental chemistry. The candidate should have experience in state-of-the-art analytical techniques (sample preparation, LC-MS/MS), a strong interest in modeling approaches and excellent English language skills.

We offer:

- Top level interdisciplinary research at a research centre which enjoys an excellent reputation within Germany as well as internationally
- Excellent technical facilities
- Work in inter-disciplinary and multinational teams
- Excellent links to national and international research networks
- Support and optimal training courses by our graduate school (HIGRADE)
- Remuneration in accordance with the TVöD public-sector pay grade 13