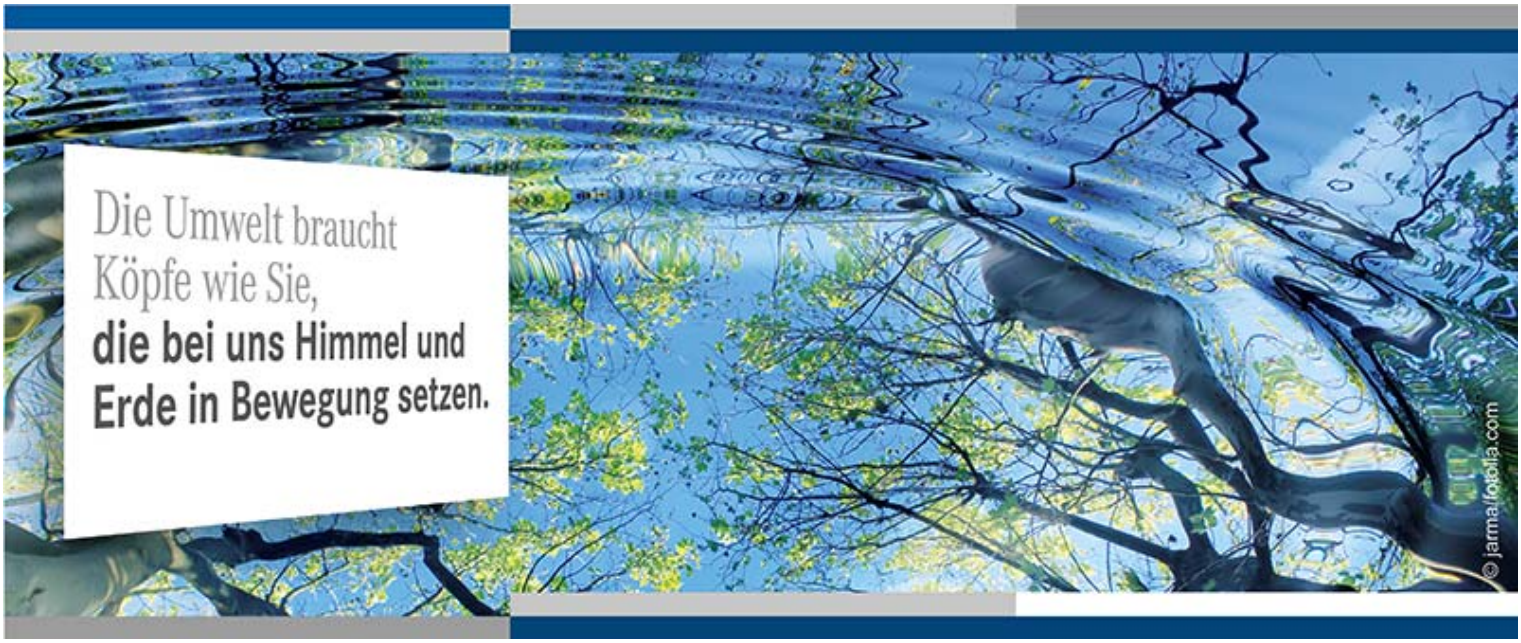

HELMHOLTZ
ZENTRUM FÜR
UMWELTFORSCHUNG
UFZ

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.

We are looking for a postdoc who supports our quest for better toxicokinetic process understanding results are to be used in in-vitro in-vivo extrapolations and PBTK modelling. candidates with a strong theoretical/modelling or experimental background are welcome.

Scientist / Postdoc (m/f)

Improving toxicokinetic process understanding

fixed-term contract up to two years, working time 100%

Your Duties:

In a small group of PhD students and scientists we work on a better understanding of the toxicokinetics of organic chemicals in vertebrates. The focus of our experimental and theoretical work lies on i) a better understanding of active and passive transport of organic chemicals across membranes and ii) sorption equilibria and kinetics for neutral and ionic organic chemicals. We are also interested in toxicokinetic aspects of in-vitro in-vivo extrapolation of metabolic and toxicological studies. Eventually, our results feed into a complex in-house PBTK model for fish and humans. The candidate should perform own experimental / and or modelling work and participate in the supervision of 1-2 PhD students. The focus of the position can be adjusted according to the candidates preferences. Own ideas and initiatives are welcome.

Your Profile:

- Scientific enthusiasm, high interest in experimental lab work / and or (PBTK) modelling and a strong motivation to perform excellent scientific work are key prerequisites
- The ideal candidate would have a strong experience in both, experimental lab work as well as theoretical modelling studies and is able to work autonomously
- Expected backgrounds are: a PhD degree in medicinal chemistry, pharmacology, (eco)toxicology, environmental chemistry or related subjects
- Good English proficiency and the ability to present scienctific results in international journals and on conferences are also expected
- Willingness to cooperate with scientists from other disciplines within UFZ is also important

We offer:

- We offer collaboration in a small motivated team. Being part of one of the largest environmental research institutes in Europe also offers many opportunities to collaborate with scientists from various disciplines in other departments
- Excellent technical facilities which are without parallel
- The freedom you need to bridge the difficult gap between basic research and close to being ready for application
- Work in inter-disciplinary, multinational teams and excellent links with national and international research networks
- A vibrant region with a high quality of life and a wide cultural offering for a balance between family and professional life
- Interesting career opportunities and an extensive range of training and further education courses
- Remuneration up to the TVöD public-sector depending on the personal preconditions up to pay grade 14 including attractive public-sector social security benefits

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.Fragen zur Stelle beantwortet Ihnen gerne:

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GmbH - UFZ
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Closing date for applications:
31. März 2015

Place of work: Leipzig

Please use our online application system for your application.

www.ufz.de/career

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trendence Young Professional Barometer 2012/13 DEUTSCHLANDS 100 Top-Arbeitgeber

Zertifikat seit 2014 audit berufundfamilie