HELMHOLTZ CENTRE FOR ENVIRONMENTAL RESEARCH – UFZ

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:
Dr. Ulisses Nunes da Rocha
ulisses.rocha@ufz.de

Please apply by sending your CV, a motivational letter and two references (including referent contact details)

Place of work: Leipzig

Closing date for applications:
April the 30th 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

Apply here

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

Zertifikat seit 2014 audit berufundfamilie

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 seek an enthusiastic PhD student with interests in bioinfromatics and microbial ecology to join the new Microbial Systems Bioinformatics group led by Dr. Ulisses Nunes da Rocha. Our new group strives to advance risk assessments of chemicals in terrestrial environments by improving prediction of the fate of chemicals based on microbial community 'Big Data'. The PhD student will reconstruct genomes from metagenomes, establish the distribution of functional traits in the tree of life and interpret the ecological implication of the findings.

PhD position in Soil Microbial Ecology

working time: 50% (19,5 hours per week), start: 01.06.2017, limited to 3 years

Your tasks:

- To screen and to select public available metagenomes
- To reconstruct genomes from metagenomes
- To determine the distribution of functional traits in the tree of life
- To develop new ecological theories and concepts based on her/his findings
- To supervise M.Sc. students

Your profile:

- Master's Degree or equivalent university degree in bioinformatics, systems biology or microbiology
- The ideal candidate has a background in bioinformatics tools for the description of microbial communities (demonstrated knowledge in Python and R is an advantage)
- Ability to work in an interdisciplinary team
- Proficient spoken and written 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