



## Job offer 20/17

The research group *Geomicrobiology* within the Department of Microorganisms of the **Leibniz-Institute DSMZ-German Collection of Microorganisms and Cell Cultures** offers the position of a

### **Postdoctoral research associate ("Molecular microbial ecology of wetlands")**

The appointment will be initially for 2 years and is subject to extension based on a positive interim evaluation. The salary level will be according to TV-L 13. The position is offered as full time and is not appropriate for part time work.

We apply metagenomic, metatranscriptomic and metaproteomic approaches coupled to biogeochemical process measurements to identify novel microorganisms active in the cryptic sulfur cycle of freshwater environments. The postdoctoral researcher will focus on genome-centric analyses of metagenomic and metatranscriptomic data obtained from rice paddy fields and lake sediments. In particular, this will involve producing and analyzing metagenomic and metatranscriptomic data as well as statistical methods to link environmental and sequence data. Verification of the obtained results will be conducted using biogeochemical process measurements coupled to qPCR analyses and re-sequencing strategies but also efforts to isolate target microorganisms into pure culture. The Leibniz Institute DSMZ is equipped with state-of-the-art instruments for molecular, chemical, and microbiological work including an own next-generation sequencing and bioinformatics core facility.

We seek a highly motivated and creative person with interests in microbial ecology, biogeochemistry, and bioinformatics. Candidates should hold a doctoral degree in microbiology or a similar research field. Working experience in molecular biology and bioinformatics is a pre-requisite. Familiarity and/or willingness to perform cultivation work are considered as a plus.

The Leibniz Institute DSMZ ([www.dsmz.de](http://www.dsmz.de)) is one of the largest and most diverse bioresource centers in the world. The DSMZ offers a lively and international working place and forms together with neighboring institutes a strong center for basic and applied research. The medieval city center of Braunschweig as well as close proximity to the Harz National Park and to major German cities such as Berlin and Hamburg offer a wide range of recreational and cultural activities.

The institutes of the Leibniz Association strive to increase the proportion of female scientists and encourage specifically female candidates to apply. Disabled applicants with identical qualification will be preferentially selected.

The DSMZ is an equal opportunity employer, supports balanced work-life career development, and holds the certificate of the audit **berufundfamilie**.

Leibniz-Institut  
DSMZ-Deutsche Sammlung von  
Mikroorganismen und Zellkulturen GmbH



For further information please contact Prof. Dr. Michael Pester ([michael.pesther@dsmz.de](mailto:michael.pesther@dsmz.de)).

Please send your complete application documents including a CV, motivation letter, copies of certificates, two references, and at least two publications in a single pdf file to [michael.pesther@dsmz.de](mailto:michael.pesther@dsmz.de).

The deadline for application is October 31<sup>st</sup>, 2017, or until the position is filled.