At the Faculty of Chemistry and Physics, Institute of Biosciences, research group Biohydrometallurgy & Microbiology, the temporary position of a

**Scientific assistant (m/f/d) – Position number 78-E/2020**

can be filled at the earliest possible date.

**Salary:** 13 TV-L  
**Compensation:** 0.5 VZÄ  
**Time limit:** 3 years

The recently established research group Biohydrometallurgy & Microbiology conducts research in the field of bioleaching of primary and secondary resources as well as microbial treatment of mine-impacted waters using extremophilic microorganisms. Microbiological, molecular as well as chemical methods are applied. Techniques used comprise cultivation, physiological studies, microbial community analysis as well as bioleaching and metal recovery in batch and continuous bioreactors.

We expect:

- cultivation of acidophilic microorganisms, design and operation of bioleaching experiments in shake flasks and stirred tank bioreactors
- molecular, microbiological and chemical analyses
- participation in proposal writing and supervision of student theses
- planning and supervision of teaching and lab courses
- publication of results in peer-reviewed journals
- PhD

What we offer:

- working at a family-friendly university with flexible working hours in a young team
- remuneration according to the provisions of the collective agreement for the public service of the federal states in accordance with the personal requirements; attractive fringe benefits, e.g. B. Asset-based benefits (VL), company pension schemes (VBL), health management, assistance (training) by experienced colleagues

To succeed you will need:

- a university diploma or master degree in the area of biology, chemistry, applied natural sciences, geoecology or equivalent
- personal commitment, ability to work both independently and as member of the team
- willingness to pursue further scientific qualification; advanced German and English skills
- Ideally, you have the experience in: cultivation of acidophilic microorganisms, chemical analyses, molecular methods

For further information, please contact: Mrs. Dr. Sabrina Hedrich, E-Mail: S_Hedrich@web.de.

Applicants (m/f/d) must meet the employment requirements for temporary employment contracts in accordance with the WissZeitVG. TU Bergakademie Freiberg is committed to increasing the number of women in teaching and research positions. Qualified female scientists are therefore invited to apply. Severely disabled applicants will be given preferential consideration in the event of equal suitability.

Please send your application and relevant documents with reference to the position number (78-E/2020), until 10.04.2020 to:

**TU Bergakademie Freiberg - Dezernat für Personalangelegenheiten - 09596 Freiberg, Germany**

Your application documents will not be returned, therefore please send only copies. Interview costs will not be covered. TU Bergakademie Freiberg is further looking for scientific personnel of diverse specialization. For further information: http://tu-freiberg.de/wirtschaft/karriere/stellenauaessreibungen