

The Department of Archaeology at the Max Planck Institute for the Science of Human History draws upon field and laboratory approaches in archaeology to undertake cutting-edge research into our species' past. Our active and growing department seeks a

## Biochemistry/Proteomics Technician (f/m/d)

for its science laboratories to begin **1<sup>st</sup> of February 2022 or as soon as possible**, and running for two years, with the possibility of extension.

We seek a candidate who is keen to assist in the day-to-day operation of the Department's Palaeoproteomics and ZooMS Laboratories, and actively participate in ambitious projects requiring the development and application of new protocols and high sample throughput. Candidates should present a willingness to work diligently, proactively and be part of an international team of researchers, meet deadlines, produce results, write reports, and aid students and researchers in the laboratory. Candidates should be prepared to support a wide range of research activities, undertake troubleshooting, and help to develop new applications.

Candidates should have a strong record of experience in working within an active proteomics and/ or research laboratory.

### Your tasks:

1. Assist in day-to-day operations in our laboratories for palaeoproteomics and ZooMS.
2. Pretreat archaeological samples for protein analyses.
3. Run a Bruker Autoflex Speed LRF MALDI-TOF Mass Spectrometer, evaluate the data and help researchers with data interpretation.
4. Support researchers in LC-MS/MS data interpretation using bioinformatics tools including MASCOT, Byonic, Scaffold, MaxQuant, and Geneious.
5. Support PhD students and Postdoctoral researchers in developing lab and data interpretation skills.
6. Purchase consumables and equipment.
7. Help trouble-shoot problems and support methods development.



## Qualifications for the position include:

### Essential

1. Bachelor's degree in biology, biochemistry, chemistry or archaeological science.
2. Knowledge of biochemistry and molecular biology, ideally with a strong background in proteomics.
3. Experience in LC-MS/MS analysis and data interpretation.
4. Experience in data analysis using bioinformatic tools like MASCOT, Byonic, Scaffold, MaxQuant, and Geneious.
5. Experience working in a clean room laboratory.
6. Commitment and demonstrable ability and interest in teaching and supporting PhD students and postdoctoral researchers in lab work.
7. Strong knowledge of both written and spoken English.

### Desired

1. Experience of research and/or methods development.
2. Experience working with unique and irreplaceable ancient samples.
3. Interest in archaeology and human history.
4. Significant interest in data quality assurance and best laboratory practices.
5. Experience in day-to-day lab routines, like purchasing consumables and equipment, maintenance of equipment.
6. Strong knowledge of written and spoken German.

We offer an interesting and challenging job in a dynamic, stimulating and supportive international research environment. Remuneration will follow the public service pay scale (TVöD) up to salary group 11, according to qualification and experience. In addition, social benefits are paid according to the regulations of the Civil Service. The full-time position is initially for two years and can also be shared equally by two people with 50% working time.

### How to apply

Please submit your application as a single pdf file in English, consisting of a letter of motivation and your CV by 15<sup>th</sup> of December 2021. Please also list three referees that we can contact for a reference, ensuring to provide full contact details.

[https://lotus2.gwdg.de/mpg/mjws/perso/shh\\_s067.nsf/application](https://lotus2.gwdg.de/mpg/mjws/perso/shh_s067.nsf/application)

The Max Planck Society is committed to employing more individuals with disabilities and especially encourages them to apply. We are also committed to encouraging diversity and actively challenging biases based on gender, nationality, ethnicity, sexual orientation, religion and other components of identity.

The Max Planck Society is supporting the compatibility of family and career and is certified according to the "berufundfamilie" ("job and family") audit.



Contact for more information

Email: [proteomicstechnician@shh.mpg.de](mailto:proteomicstechnician@shh.mpg.de),  
<http://www.shh.mpg.de/269016/dafacilities>