



The Department of Archaeogenetics at the Max Planck Institute for the Science of Human History, Jena, utilizes recent advances in molecular approaches on biomolecules, such as genome wide DNA sequencing, to uncover an entirely new spectrum of information that can be retrieved from sample repositories such as anthropological and archaeological collections.

The Molecular Paleopathology and Computational Pathogenomics groups invite applications for a

## **Post-doctoral position in ancient bacterial genomics (E13)**

with a start date as soon as possible.

### **Job Description**

We seek to fill a position at the post-doctoral level with a focus on the reconstruction of ancient bacterial genomes from archaeological contexts. Analyses will involve computational detection of ancient pathogen DNA in large shotgun datasets and genomic reconstruction via either reference-based or de novo assembly approaches, as well as extensive comparative analyses that will integrate data from large collections of modern bacterial genomes. Data will draw upon archaeological samples from the Neolithic to post-Medieval periods, and will cover a broad geographical expanse, with an emphasis on Eurasian and New World populations. Strong bioinformatics skills and literacy in basic statistical procedures are a requirement. Prior experience in working with recombining organisms is preferred though not a requirement. The ideal candidate will hold a PhD in a relevant discipline (microbiology, biology, bioinformatics, computer science, mathematics, population genetics, etc.) and share an interest in the human past. Competency in delivering oral presentations is an asset, and experience with supervising or mentoring students is desirable. This is a full time two-year (renewable) contract position up to a pay scale of E13 TVöD, in accordance with the German pay grade system for public employees, depending on your qualifications.

### **Your application**

The Max Planck Society is committed to employing individuals with disabilities and relevant candidates are encouraged to apply. The Max Planck Society also seeks to increase the number of women in areas where they are under-represented and thus welcomes applications from female candidates.

Your application should include a CV and a cover letter outlining in detail your qualifications, suitability for the position, and interest in working with our team. Three referees should also be named upon uploading your application.



Please submit your application in English as a single PDF file to our application portal:  
[https://lotus2.gwdg.de/mpg/mjws/perso/shh\\_p027.nsf/application](https://lotus2.gwdg.de/mpg/mjws/perso/shh_p027.nsf/application)

Applications will be accepted until **March 20, 2020**.

Information regarding the Max Planck Institute for the Science of Human History can be found at [www.shh.mpg.de](http://www.shh.mpg.de).

For details about the positions, please contact Dr. Kirsten Bos, [bos@shh.mpg.de](mailto:bos@shh.mpg.de).