

Job offer ref. #11-17012

The Senckenberg Gesellschaft für Naturforschung (SGN) is a member of the Leibniz Association and is based in Frankfurt am Main, Germany. SGN conducts natural history research with almost 800 employees and research institutions in six federal states. Within SGN, the Senckenberg Biodiversity and Climate Research Centre (BiK-F) explores the interactions between biodiversity, climate, and society.

Senckenberg BiK-F invites applications for a

**PostDoc / Senior Scientist Bioinformatics
Phylogenomics**
(full time)

There is an exciting opportunity for a talented and motivated bioinformatics scientist to join our group. Initially, the successful individual will assemble mammalian genomes from various NGS data and dissect genomic data for phylogenomic and gene flow analyses. The individual is encouraged to develop own research driven activities, implement the latest methodology, and actively applies for third party funding. Encouragement and support will be provided to help the individual develop specialist knowledge and skill sets.

Your tasks:

- Understand scientific goals, identify and realize informatics solutions
- Deliver impactful bioinformatics support
- Work with PhD students and Postdocs to translate new hypotheses into phylogenomic analyses
- Proactively engage in knowledge sharing and peer support to build expertise in the tools and techniques critical to phylogenomic bioinformatics
- Maintain and expand the necessary hardware

Your profile:

- PhD degree in computer science, genetics or a related field
- Research experience in biomedical/life science or genetics/genomics
- Expertise in DNA sequence analysis, data modeling and interpretation
- Experience in NGS data assembly and alignment
- Expertise in statistical analysis of sequence data and tree reconstruction
- A thorough understanding of gene flow analyses
- An excellent publication track record
- Well networked within phylogenetic communities, expertise processing and interpreting next generation sequencing data and Python/Perl programming expertise are desirable
- Interest to work in interdisciplinary teams

Salary and benefits are according to a full time public service position in Germany (TV-H E 13). The position is a 2-year fixed-term post, starting as soon as possible. The Senckenberg Biodiversity and Climate Research Centre supports equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany. The employer is the Senckenberg Gesellschaft für Naturforschung.

Please send your application, mentioning the reference of this job offer (Ref. #11-17012) before **May, 1st 2017** preferred by e-mail (attachment in a single pdf document) and including a cover letter describing your motivation to apply, a detailed CV including a description of your past projects and contribution to five selected papers, a list of your publications and names of two references to:

Senckenberg Gesellschaft für Naturforschung
Senckenberganlage 25
60325 Frankfurt am Main
E-Mail: recruiting@senckenberg.de



For scientific enquiries please get in contact with Prof. Dr. Axel Janke, axel.janke@senckenberg.de
Further information: <http://www.bik-f.de>.