

Job posting ref. #01-22014

For over 200 years the Senckenberg Gesellschaft für Naturforschung represents one of the most relevant institutions investigating nature and its diversity. Currently, scientists from more than 40 countries conduct research in the fields of biodiversity, earth system analysis and climate change in seven Senckenberg Institutes across Germany.

Following its mission to analyse and document biodiversity in earth system dynamics – to serve science and society, Senckenberg fosters curiosity-driven and application-oriented research. In Senckenberg at Frankfurt we seek to fill the position of a

Bioinformatician (m/f/d)
(full time)

This position is funded by a five-year project designed to combine cutting edge technology for studying both the anatomical and genomic basis for evolutionary novelties in molluscs, and test whether genomic novelties are more strongly associated with armour and shell morphology or rather physiological adaptations that allow the invasion of new niche spaces.

Your job would be to provide bioinformatics capacity especially in de novo genome assemblies of mollusc species.

Your tasks:

- Genome assembly and annotation of mollusc species that are sequenced via the LOEWE TBG and external partners using state-of-the-art sequencing technologies and compute infrastructure
- Support other members of the research group working on morphological features to identify specific research questions
- Perform independent research in collaboration with other members of the research group, the LOEWE-TBG, Senckenberg Ocean Species Alliance, and external collaborators on molluscan genomics
- Perform comparative analyses of resulting genomes including for phylogenomics

Your profile:

- Master degree or equivalent training and experience in bioinformatics / computational biology, genomics or a related area; a PhD degree in these fields is an advantage but not strictly required
- Experience with shell scripting and Unix tools
- Previous experience in genomics, genome assembly and/or annotation using non-model organisms, preferably molluscs
- Familiarity with measures of genome assembly data quality and completeness, troubleshooting, screening data for contamination
- Genuine curiosity and interest in nature, the oceans and their inhabitants, and especially molluscs

What can you expect?

- An interesting and challenging task in a dynamic and stimulating team of researchers, technicians and communicators
- Excellent benefits and work-life balance: Flexible working hours – dual career service - leave of absence due to family reasons – parent-child-office – annual special payment – company pension scheme – Senckenberg badge for free entry in museums in Frankfurt – leave of 30 days/ year

Senckenberg supports equal opportunity for men and women and places an emphasis on fostering career opportunities for women and under-represented groups. Qualified women and other under-represented groups are strongly encouraged to apply. Equally qualified applicants with disabilities will be given preference.

Senckenberg is a globally connected institute. The working language within this project is English. Frankfurt is a vibrant, international, culturally diverse city and one of the world's travel hubs. We welcome candidates from all nations and will provide support with your relocation process.

Location: Frankfurt am Main
Volume of employment: 100 % full-time position (40 weekly working hours)
Type of contract: Employment shall start as soon as possible and will be limited for a two-year contract

Would you like to apply?

Please submit two documents as email attachments:

- (1) download and complete the information form **for this position** from <http://sosa.senckenberg.de>. This form will be considered **anonymously** and will be used for the initial short-listing process
- (2) a single pdf including a cover letter and your CV (not anonymous), including names and contact details of three professional references. The one-page cover letter should address your fit to the advertised position as described above. **Use the code created for the form for “blind review” also in the cover letter and in the file name**
- (3) Please submit two files (see above), mentioning the reference of this job offer (**ref. #01- 22014**) until **11 May 2022** by e-mail to: recruiting@senckenberg.de.

For more information, please contact Prof. Dr Julia Sigwart (julia.sigwart@senckenberg.de).

