



#11-26017 PostDoc Biomarker (m/f/d)

 Frankfurt am Main, Deutschland

 With Professional Experience

 Full or Part Time

 Limited Contract

 Young Professional

 04.08.2026

 Hybrid

Senckenberg Society for Nature Research (SGN), headquartered in Frankfurt am Main, is seeking to fill the following position at the Senckenberg Biodiversity and Climate Research Centre (SBiK-F), **starting as soon as possible**:

Postdoctoral Researcher (f/m/d)

Deep time organic biomarker analytics expert

(part time)

Location: Frankfurt

Employment scope: part time (75 %)

Type of contract: temporary, limited to 2 years

Remuneration: collective agreement of the state Hesse (TV-H) / E13

The Senckenberg Society for Nature Research is a member of the Leibniz Association and has been investigating the "Earth System" worldwide for more than 200 years, examining the past, analysing the present, and developing projections for the future. We conduct integrative geobiodiversity research with the aim of understanding nature in all its complexity and diversity in order to preserve it as the foundation of life for future generations and to ensure its sustainable use. Across eight institutes and five research stations throughout Germany, scientists from more than 40 countries conduct research at the highest international level.

The mission of the Senckenberg Biodiversity and Climate Research Centre is to study the complex interactions between biodiversity and climate change.

We are looking for an organic biomarker expert with proven experience in deep time paleoclimate research. We strive to explore material from UNESCO World Heritage sites and experience in handling material from such environments is desired. One key goal of the position is to contribute to the reconstruction of highly-resolved deep-time paleoclimate records in Central Europe during a key climate interval of the Paleogene.

Your tasks

- Using state-of-the-art biomarker analytics to develop a paleoclimatic framework within a highly-resolved deep-time paleoclimate archive
- Contribute to refinement of biomarker proxy applications
- General contributions to laboratory development
- Collaborate with geologists and paleobiologists in the team to establish interrelationships between



climatic change and paleo biological diversity

Your profile

- Doctoral degree in Earth Sciences with particular focus on organic biomarker geochemistry in deep time paleoclimate archives
- Profound and documented experience in stable isotope geochemistry and biomarker analysis.
- Expertise in data analysis and willingness to collaborate closely with colleagues in paleobiology, paleoclimate research and Earth surface processes
- Proven ability to publish biomarker geochemistry data in scientific journals with highest scientific standards
- Profound experience in organic geochemical laboratory work
- Excellent written and oral communication skills in German and English

Desirable skills

- Research experience in interdisciplinary working environments

We offer

- Opportunity to work closely with leading experts in Earth System Research as well as paleoenvironmental reconstructions
- access to an international network of scientists, policymakers and research organizations
- an attractive job within the inspired and dynamic working environment of an internationally recognized research institution
- flexible working hours - mobile working options - employee ID card with free admission to Senckenberg museums - annual special payment - collectively agreed vacation entitlement - company pension plan

Senckenberg is committed to diversity. We benefit from the different expertise, perspectives and personalities of our staff and welcome every application from qualified candidates, irrespective of age, gender, ethnic or cultural origin, religion and ideology, sexual orientation and identity or disability. Applicants with a severe disability will be given special consideration in case of equal suitability. Senckenberg actively supports the compatibility of work and family and places great emphasis on an equal and inclusive work culture.

How to apply?

Please upload your application (letter of motivation with a short description of your previous and current research foci, a CV, certificates of academic achievements, list of publications as well as letter(s) of recommendation, if available) (as a single PDF) by 24.08.2026.

Contact

Senckenberg Gesellschaft für Naturforschung
Senckenberganlage 25
60325 Frankfurt am Main



For specific questions about this role, please contact Prof. Dr. Andreas Mulch at andreas.mulch@senckenberg.de

For data protection information on the processing of personal data as part of the application and selection process, please refer to the privacy policy on our homepage at <https://www.senckenberg.de/en/imprint/>

Please visit our website at www.senckenberg.de for further information about the Senckenberg Gesellschaft für Naturforschung.