

# Postdoctoral fellowships in the field of marine genetics

Are you interested in pursuing a research career in genetics and are passionate about marine organisms? If so, you've come to the right place.

Applications are invited for two postdoctoral fellows to join the the "Marbibi-SA: DNA project" to support the research project's implementation. The one fellowship is funded for 1 year, the other for 2 years. The fellowships are expected to commence in January 2023, on a full-time basis. The Marbibi-SA: DNA project will support talented postdoctoral researchers in the field of marine genetics to develop their track record and transition to become independent research leaders.

## Education & Experience

- A Ph.D. degree in marine biology, molecular biology, genetics or a related field.
- Experience with eDNA (metabarcoding and/or qPCR) and experience with bioinformatic applications to analyse such data.
- Demonstrated ability to work independently, but willingness to integrate into a large interdisciplinary group.
- Distinguished publication record

Additional desirable skills include experience with invertebrate genetics; experience with next-generation sequencing, including data post-processing.

**Requirements:** The Marbibi-SA: DNA project seeks to award a postdoctoral fellowship with experience in genetics for species delineation and population genetic applications. The postdoctoral fellow will be required to advance research on marine genetics, to support and improve our understanding of marine biodiversity in the context of bioinvasions, biogeographical patterns, organism conservation, sustainable exploitation, IUCN red listing and Marine Spatial Planning (MSP).

The postdoctoral fellowship is open to anyone who has completed their PhD in the last five years. Candidates must be independent and productive, and have a PhD (with evidence of completion at least, if graduation is pending) that is related to Marine Biology, Genetics, or a related subject. Applicants will be required to work within multi-disciplinary teams, synthesise literature and data sources, acquire, manipulate and analyse genetic data, and find scientific evidence to formulate defensible recommendations.

## Physical Requirements

All candidates are encouraged to apply.

**Bursary value:** R200,000 per annum. The postdoc fellows will be required to register at the University of Cape Town. Some running expenses will also be made available.

**Application procedure:** Applications need to include a full CV that shows the applicant's educational background, relevant research, work experience, publications and other scholarly activities, two letters of reference (one must be from the most recent academic supervisor);

certified copies of ID (or passport in the case of foreign nationals) and academic records which, at a minimum, need to include evidence that the applicants has a PhD (depending on country of origin); the best one or two published articles and a 2-page outline of the applicant's vision for the postdoc, including envisaged outputs.

Appointment of successful applicants will begin in January 2023, with an initial appointment of one year, renewable annually for up to 1 additional year (2 total years) contingent on performance. Review of applications will begin immediately and will continue until the position is filled.

### **Contact details**

Please send all documents to Dr. Toufiek Samaai ([tsamaai@dffe.gov.za](mailto:tsamaai@dffe.gov.za) and [Toufiek.samaai@gmail.com](mailto:Toufiek.samaai@gmail.com)) with “Marbib-SA: DNA project” in the subject line.

**Applications close:** October 14<sup>th</sup>, 2022, and the successful candidate will be notified before the end of November 2022.

We reserve the right not to fill this fellowship. If no response has been received within 21 days of the closing date, candidates may assume that their applications were unsuccessful.