

## The Institute of Evolutionary Biology seeks a: Laboratory Technician

The Institute of Evolutionary Biology (IBE) is a joint Institute of the Spanish National Research Council (CSIC) and the Pompeu Fabra University (UPF) located in Barcelona city. IBE research is focused on the processes and mechanisms that generate biodiversity and on understanding the genetic basis of evolution. The IBE is a center member of Barcelona Biomedical Research Park (PRBB).

### Description Group/Unit:

The Microbial Ecology and Evolution Lab investigates how coral holobionts, corals and their associated microbes function and break down under heat stress. Focusing on symbiosis and protists, we use a systems biology approach integrating metabarcoding, single-cell and bulk omics, imaging, and AI-driven computational biology. Our goal is to link symbiont diversity to function and understand coral responses to the climate crisis.

### Project description:

The CORALPROS project investigates the protists (unicellular eukaryotes) living within corals, a long-overlooked component of the coral microbiome that may be key to understanding how corals respond to heat stress and the climate crisis. By describing the diversity of these microbes and mapping their distribution within the coral holobiont, the project aims to reshape our understanding of coral biology and resilience under ocean warming.

### Duties:

We are looking for a motivated, curious, and well-organized research technician to carry out the key laboratory steps of this project. Duties include developing laboratory and computational protocols, preparing laboratory solutions, and maintaining and organizing laboratory reagents and equipment. The technician will also provide logistical support for and take part in field sampling campaigns, including underwater (scuba) sampling.

### Candidate requisites

A Higher Vocational Training degree as an Advanced Technician in Laboratory Analysis and Quality Control, or an equivalent qualification. No previous experience is required.

### We will valorate...

The following will be considered an asset, but none are required:

- An interest in marine biology, microbial ecology, and/or coral biology.
- Previous laboratory experience, particularly in molecular biology techniques (e.g., DNA/RNA extraction, PCR).
- Familiarity with microscopy, cell culturing, or basic bioinformatics and computational tools.
- A scuba diving certification and experience with fieldwork or underwater sampling.
- Strong organizational skills and the ability to work both independently and as part of a team.

- A working knowledge of English, Spanish, and/or Catalan is also valued.

## **What do we offer?**

- A full-time contract.
- Immediate incorporation
- Annual gross salary €22,274.14
- Location in Barcelona, Institut de Biologia Evolutiva (CSIC – Universitat Pompeu Fabra)  
Passeig Marítim de la Barceloneta, 37 – 49.

## **Application process**

Candidates should send:

- an updated curriculum vitae
- a letter of motivation
- two references (optional)

This information should be sent in English/Spanish, or Catalan before 15/07/2026 to the email address [jdeldcampo@ibe.upf-csic.es](mailto:jdeldcampo@ibe.upf-csic.es). The subject of the email should include the reference: XXXX