

INVESTIGO Contract (12 months) – Support in Data Analysis and Visual Phenotyping

The Institute of Evolutionary Biology (IBE) is a joint Institute of the Spanish National Research Council (CSIC) and Pompeu Fabra University (UPF), located in Barcelona. IBE's research is focused on the processes and mechanisms that generate biodiversity and on understanding the genetic basis of evolution. The IBE is part of the Barcelona Biomedical Research Park (PRBB), a stimulating international research environment with state-of-the-art facilities.

The Evolutionary Networks Lab, aims to investigate studies natural and artificial networks in the search for universal evolutionary principles. We are interested in the role played by emergence, convergence and environmental fluctuations in the origin of evolutionary innovations, and how the pattern and process of evolution differs when traits are learned rather than transmitted genetically. The group brings expertise in complex systems, complex networks, and theoretical ecology. [Learn more here.](#)

INVESTIGO Contract: We are looking for a young researcher to join the IBE (CSIC-UPF) under an INVESTIGO contract to support R&D activities in the field of quantitative biology, within this research group led by Sergi Valverde.

The selected candidate will participate in research activities related to the computational analysis of biological data and visual phenotyping, contributing to the development of tools and scientific results.

Main tasks:

- Curation, integration, and management of biological databases.
- Development of reproducible analysis pipelines.
- Statistical analysis and visualization of results (Python and/or R).
- Visual phenotyping analysis from high-resolution images, including image processing and extraction of quantitative features.

INVESTIGO requirements:

- Under 30 years of age.
- Registered as a job seeker at the time of hiring.

Required profile:

Background in biology, bioinformatics, data science, or related disciplines. Experience in scientific programming, data processing and analysis, and/or image analysis will be considered an asset.

We offer:

Starting date: around 1 March 2026

Full time- 12 months contract

Salary: 2.410,90 euros annually gross salary (12 payments)

Location: Institute of Evolutionary Biology (CSIC-Univ. Pompeu Fabra), Passeig Marítim de la Barceloneta 37-49, Barcelona, Spain

Application process: Closing soon!

If you are interested, please contact us by email **as soon as possible** by sending your CV and a letter of interest to Dr Sergi Valverde (sergi.valverde@ibe.upf-csic.es).

We especially **encourage female researchers** to submit their applications.