

The Institute of Evolutionary Biology seeks a PhD student

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 Insect Reproduction, and the Nutritional Signals in Insects Labs, aims to investigate the role of small non-coding RNAs, specifically piRNAs, in regulating insect oogenesis by targeting mRNAs essential to ensure oocyte growth and maturation. Furthermore, the results obtained would pave the way for designing piRNA-based insecticides, which would be strictly specific and environmentally friendly.

PhD position. We are seeking a candidate to develop this Ph.D. project. The selected individual will be trained in diverse tools and methodologies within the lab. A significant part of the research will involve wet lab work, utilizing basic tools from a molecular biology laboratory (real-time PCR; fluorescent microscopy; RNAi...). However, the student will also be involved in bioinformatic analysis of transcriptomic libraries.

Requirements

- Degree in Biology or Biotechnology, with a Master completed.
- Motivated, curious, and organized person.

Additional Valued Criteria

- Experience with basic molecular biology tools and bioinformatics.
- Fluency in English.

We offer

A fully-funded four-year PhD position.

Starting date: around 1 March 2026

Salary: 24.500 euros annually gross salary

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

Application process

If you are interested, please contact us by email, sending a CV and a letter of interest to
Dr. José Luis Maestro (joseluis.maestro@ibe.upf-csic.es)
Dr. Dolors Piulachs (mdolors.piulachs@ibe.upf-csic.es)

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