

Bioinformatician postdoctoral position at the Evolutionary and Functional Genomics LAB.

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

Research at the Evolutionary and Functional Genomics lab focuses on understanding how organisms adapt to their environments. Towards this end, we combine *omic* approaches with detailed molecular and phenotypic analyses to identify and characterize adaptive mutations. <http://gonzalezlab.eu>

Research Project

The bioinformatician will work on a project funded by the European Research Council that aims at identifying the genetic basis, the molecular mechanisms, and the functional traits relevant for environmental adaptation (ERC 647900_2014_ERC_DROSADAPTATION)

Duties:

The bioinformatician will be responsible for the in silico characterization of candidate adaptive mutations identified in natural populations of *Drosophila melanogaster*. Among others, the tasks involved in the postdoctoral research project include the integrative analysis of several genomic datasets obtained in our laboratory: RNA-seq, ChIP-seq for histone marks and for transcription factors, and HiC.

Candidate requisites

A PhD in Bioinformatics or a related field, good programming skills, and good organizational skills are required. Experience with state-of-the-art approaches to analyze the different genomic techniques used in the lab is required. Previous professional experience will be considered.

What do we offer?

We offer a full-time position. First appointment will be until 31/12/2020 with the possibility of extension. Salary will depend on the experience of the candidate. The candidate will join a research team of three postdoctoral researchers and three PhD students. The lab also offers extensive networking opportunities as we are co-leading the European *Drosophila* population Genomics Consortium (droseu.net) and the Spanish excellence network in adaptation genomics (adaptnet.es).

Expected starting date is April 2020 but alternative dates can be discussed.

Application process

Please send your CV (including the contacts of potential references) and a brief letter of motivation before the 15th March 2020 to: josefa.gonzalez@ibe.upf-csic.es. Please include "ERC-Bioinformatics position" in the subject of your e-mail.

Application deadline: 15th March 2020.