

Population Genetics 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 research project aims at understanding the genetic basis of urban adaptation in *Anopheles* mosquitoes. Besides SNPs, transposable elements and other types of copy number variants are also being investigated.

BFU2017-82937-P (AEI/FEDER)

Duties:

Among others, the tasks involved in the postdoctoral research project will be identifying signatures of selective sweeps, identifying evidence of population differentiation, and looking for associations between genetic variants and environmental variables.

Candidate requisites

A PhD in Evolutionary Biology or a related field, good organizational skills, and good writing skills are required

What do we offer?

We offer a full-time position. First appointment until 31/12/2020, with the possibility of extension. Salary will depend on the experience of the candidate.

Application process

Please send your CV (including the contacts of potential references) and a brief letter of motivation to: josefa.gonzalez@ibe.upf-csic.es Please include "Urban adaptation position" in the subject of your e-mail.

Application deadline: 15th March 2020. Expected starting date April 2020, alternative dates can be discussed.