

Bioinformatics PhD position at the Evolutionary and Functional Genomics LAB.
Institute of Evolutionary Biology (CSIC-UPF).
Parc de Recerca Biomèdica de Barcelona.
<http://gonzalezlab.eu>

The Evolutionary and Functional Genomics Lab led by Josefa González is seeking a highly motivated postdoctoral researcher to join our research team at the Institute of Evolutionary Biology (CSIC-UPF) in Barcelona, Spain. The candidate will join a research team of four postdoctoral students, three PhD students, and a lab technician. Our laboratory is part of the Comparative and Computational Genomics Research Program at IBE, and it is part of the PRBB (www.prbb.org).

The PhD thesis will investigate the role of transposable elements in environmental adaptation in *Anopheles* mosquitoes. The tasks include *de novo* assembly of *Anopheles* genomes, *de novo* annotation of transposable elements in the newly assembled genomes, and identification of signatures of selection in the *Anopheles* genomes. The PhD student will work in close collaboration with a Postdoctoral researcher and will interact with other PhDs and postdoctoral researchers in the group.

A master in Bioinformatics or a related field, good programming skills, and good writing skills are required. Previous research experience will be considered. The lab 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).

Application

Please send your CV (including the contacts of potential references) and a brief letter of motivation to: josefa.gonzalez@ibe.upf-csic.es.

Please indicate in the subject line: PhD application

Application deadline

30th June 2018