Universitat Pompeu Fabra Barcelona

Departament de Ciències Experimentals i de la Salut

Date of publication of the job offer: *13/01/2022*

Job title: PR01720- (REF. Post-doc- 1) Computational Population genomic postdoc position

Job description

The Comparative Genomics Group in the Comparative and Computational Genomics program of the IBE (http://www.ibe.upf-csic.es/) is willing to incorporate a senior postdoc with a population genomics computational background starting before summer 2022. The project that the candidate will lead involves developing and implementing analyses for thousands of high coverage whole genomes in a variety of primates and population genomics from non-invasive samples in great apes, funded by and ERC (to be finished 2024). Experience in population data from Illumina data and theoretical background on gene flow and admixture is highly recommended.

The research group that the successful candidate will join studies genomic variation in apes and other primates, including population genomics, gene regulation and epigenetics. The group is located at the Evolutionary Biology Unit of the Pompeu Fabra University (http://www.upf.edu) and is part of the Barcelona Biomedical Research Park (http://www.prbb.org), a renowned centre for Biomedical research that hosts, besides the University, other institutions such as the CRG (Centre for Genomic Regulation) or the EMBL. All these organizations share a thrilling and dynamic scientific atmosphere, driven by leading groups in fields such as bioinformatics, molecular biology and evolution. The PRBB is located close to Barcelona's City Centre (right in front of the beach).

Project and Institution that finance the contract: EC-H2020-2019-ERC CoG-ApeGenomeDiversity

Official number reference/AE/Research Spanish Agency DOI: Id. oficial864203

Information on the minimum requirements

Candidates should hold a PhD degree (or equivalent) in Biology, Computer science or similar. Candidates with very strong computational background, preferably in theoretical population genomics are especially encouraged to apply. Development of a professional career with co-supervision of students, mentoring and teaching opportunities are part of the training.

Benefits of the opening

To.be.defined

Information on the application process:

Deadline to submit applications: 28/02/2022

Contact : admin_bioevo@upf.edu