The Institute of Evolutionary Biology seeks a: Bioinformatician/Computational Biologist

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

About the Metazoa Phylogenomics Lab:

The overarching goal of the lab is to understand how animals reshape their genomes to generate their vast diversity and to adapt to the different environments. For that, we generate and interrogate genomic and transcriptomic data through the lens of phylogenomics. Our favorite creatures are arthropods and annelids, but our interest often transcends the level of phylum to understand animal genome evolution at a macroevolutionary scale. We are committed to maintaining a respectful, inclusive, and friendly working environment for all staff and students, as well as promoting your personal and career development.

Rosa Fernández joined IBE as a Group Leader only a few months ago, so this is a chance to help build a lab from the ground up and contribute your knowledge and passion to the group and its culture. The lab is a part of the Animal Biodiversity and Evolution Program at IBE.

Project description

Duties:

-   Lead efforts in the lab to develop methods and resources for non-model organisms, and use these resources and pipelines to address novel questions in genome assembly and annotation, phylogenomics and comparative genomics.

-   Work closely with the other team members to advise and help on analysis of sequencing data and other biological 'big data'.

-   Manage the computational resources of the lab, including data storage, computing resources and databases.

Candidate requisites

- PhD in evolutionary biology, computational biology, bioinformatics or a related field, or a Masters degree with at least 3 years of experience with bioinformatics methods.

- Excellent programming skills in languages commonly used in bioinformatics (such as Python or R).

- Fluency with Linux shell scripting and high performance computing.

- Strong background in computational and evolutionary biology.

- High motivation and efficiency; ability to work independently and as part of a team.

- Proficiency in English (oral and written).

What do we offer?

- The position is available for 12 months, with the possibility of further renewal for several consecutive years.

- Starting date is expected in March 2021 or as soon as possible afterwards.

- Salary depending on experience and qualifications.

- Location in Barcelona (Passeig Marítim de la Barceloneta, 37 – 49)

Application process

If you are interested in the position, please send your CV and motivation letter to this link: https://forms.gle/SvZR4VWUdAFJquwj9

IMPORTANT: Please name your documents as follows: 'CV_your_name.pdf' and 'Motivation_letter_your_name.pdf'

The application deadline is **20th December.** Interviews will be held in Late December/early January either in person or via video conference depending on travel needs and current restrictions; no particular preference will be given to candidates who are able to interview in person.