



Date of publication of the job offer: Feb 22nd 2018

Job title A Postdoctoral Position on Biomedical Informatics is available for a highly motivated researcher.

Job description

The successful candidate will work in the development and update of the DisGeNet Platform and application of DisGeNet to a variety of international projects currently underway in the group in the field of translational bioinformatics and drug development. The work will be performed in the frame of the project "Plataforma de recursos biomoleculares y bioinformáticos **PT17/0009/0014**".

Project and Institution that finance the contract

Instituto de Salud Carlos III (ISCIII)

Official number reference: PR03917

PT17/0009/0014 – INB – Instituto Nacional de Bioinformática/ Plan Estatal de Fomento de la investigación Científica y Técnica de Excelencia

This position is funded by the Spanish National Bioinformatics Institute (INB) under grant number PT17/0009/0014. The mission of INB, founded in 2003, is to disseminate and provide bioinformatics support to laboratories, research institutions and companies throughout Spain. The INB serves in the coordination, integration and development of Spanish bioinformatics resources in projects in the areas of genomics, proteomics and translational medicine. Over the past years, the INB has contributed to the creation of a competitive and consolidated computational infrastructure for bioinformatics in which national and international genome projects, as well as bioinformatics users and developers take part. The INB is funded by the Spanish National Health Institute Carlos III and FEDER sources.

Information on the minimum requirements

Desired Skills and Expertise

- PhD in Biomedicine or related area
- Candidates should have the ability to work independently and within a



collaborative research team, and possess excellent communication and organisation skills.

- Fluency in English.
- Excellent programming skills (Python, Perl, or Java)
- Excellent data analysis skills ®
- knowledge and experience in management of biological databases
- Demonstrated strong verbal and written communication skills
- Good English communication skills
- Excellent attention to detail and organization skills
- Must be able to multi-task, meet deadlines, and work within a team

The IBI group is an international research group with interdisciplinary expertise in biology, medicine, pharmacology, chemistry, psychology and informatics. It has a unique experience in the fields of network medicine, systems toxicology and biomedical text mining. Recent achievements include: i) development of the DisGeNET and PsyGeNET knowledge platforms, ii) development and application of biocuration approaches, iii) development of network biology approaches to study the mechanisms leading to adverse drug reactions and disease comorbidities, iv) semantic web approaches for life sciences, v) strategies for the reuse of clinical data in biomedical research, and vi) participation in international projects in the aforementioned fields (EMIF, eTOX, Open PHACTS, MedBioinformatics, iPiE, TransQST).

Benefits of the opening

Funding: We offer a full-time position for 8 months, to be renewed for a period open to discussion. This position is funded by the Spanish National Bioinformatics Institute (INB) under grant number **PT17/0009/0014**. The mission of INB, founded in 2003, is to disseminate and provide bioinformatics support to laboratories, research institutions and companies throughout Spain. The INB serves in the coordination, integration and development of Spanish bioinformatics resources in projects in the areas of genomics, proteomics and translational medicine. Over the past years, the INB has contributed to the creation of a competitive and consolidated computational infrastructure for bioinformatics in which national and international genome projects, as well as bioinformatics users and developers take part. The INB is funded by the Spanish National Health Institute Carlos III and FEDER sources.

Information on the application process

To apply: Please send a CV with Reference **INB18** to **carina.oliver@upf.edu**.

Deadline: April 25th 2018