



Date of publication of the job offer – Nov 30th 2017

Job title: One PhD Position at the Structural Bioinformatics Lab

Job Description:

Analysis of protein-protein interactions involved in co-morbidities. Relevance of edges and gene-associations combining BIANA and DisGeNet
Comparison of the results of disease-disease associations based on functions with protein interactions associated with diseases.

Relevance of the network specific of organs and organoids (i.e. liver, heart, brain, gut)

Project and Institution that finance the contract

[PR04115 - MINECO-BIO2014-57518-R OLIVA,B](#)

Required:

- PhD in Biomedicine or similar.
- Knowledge on gene-disease associations
- Expertise in Bioinformatics and Medical Informatics

Skills :

- Use of tools and databases to predict the outcome of SNPs
- Programming in PERL.
- relational databases (MySQL, Sqlite) and non relational databases (Mongodb).
- Molecular biology: Cloning, DNA purification, PCR.
- Data processing, statistical analysis.
- Excellent English level

Benefits of the opening

Three months contract, starting January 1st 2018, Gross salary 40.000 eur/year (SSocial costs included), 37,5 hrs/week.

Information on the application process:

Send CV and letter of interest, to carina.oliver@upf.edu (REF/PN_BOPhd)

Deadline to submit applications – Dec 15th 2017

Contact: Carina Oliver / GRIB