

Date of publication of the job offer: March 3, 2022

Job Offer: Technical position at the Research Programme on Biomedical Informatics (GRIB)

Job Description:

Database maintenance, backup and versioning. Design and development of online database updating and reporting interfaces. Development of web accessible dashboard for the application of computational methods.

The PHI group lead by Manuel Pastor is a multidisciplinary team with strong experience in the development of novel computational methods and their application in the drug safety areas. Some relevant achievements in these areas include: i) the development of methods for robust applicability domain and reliability indexes in the prediction of toxicological endpoints, ii) development of eTOXlab and Flame, flexible frameworks for the implementation of prediction systems, iii) development of multiscale prediction systems for drug-induced cardiotoxicity, iv) participation in the European projects eTOX, Open PHACTS, iPiE, EU-ToxRisk, TransQST, eTRANSafe and RISKHUNT3R. A description of the group and the most recent publications can be accessed at <http://phi.upf.edu/>

Project and Institution that finance the contract.

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Desired skills and expertise:

- University degree in Informatics or related areas.
- Experience in the development, administration and maintenance of databases (PostgreSQL and MySQL).
- Experience in programming using chemoinformatic libraries like RDKit.
- Experience in web development (Angular, Python, Flask/Django)
- Experience in Linux and Windows computing environment.
- Good English level

Benefits of the opening:

Contract as PSR according to regulations in force.

Estimated annual gross salary: 32.000 eur

Timetable: 35h/week

Place of work: PRBB, Research Programme on Biomedical Informatics (GRIB)

Laboratory Pharmacoinformatics

Department of Medicine and Life Sciences (MELIS),

Universitat Pompeu Fabra

Barcelona Biomedical Research Park (PRBB)c/ Dr.

Aiguader, 88, 08003 Barcelona.

Start date: 1/4/2022

Information on the application process:

To apply: Please send a CV and a letter of interest by email to [http://carina.oliver@upf.edu](mailto:carina.oliver@upf.edu)

(Ref.Risk)