



Universitat  
Pompeu Fabra  
Barcelona

Departament  
de Ciències Experimentals  
i de la Salut



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**Date of publication of the job offer May 27<sup>th</sup> 2019**

**Job Offer - Web application developer Position at the Pharmacoinformatics Group**

### **Job Description**

A position is available for the development of scientific software, at the Pharmacoinformatics (PhI) group led by Manuel Pastor at GRIB (IMIM-UPF) in Barcelona. The candidate will be in charge of **developing web applications**, integrated in a team of scientist and international experts from industrial and academic institutions, in the context of European projects in the areas of in silico toxicology.

General description:

She/he will participate in the design, analysis and development of web applications facilitating the access to scientific software. The work will be carried out tightly integrated in a team of young scientist, collaborating to produce state-of-the-art scientific software, in research projects funded by the European Union. The candidate will have the opportunity to collaborate with multiple partners of an international consortium, involving some of the best toxicity experts in Europe, multinational industries in pharmaceutical, cosmetic and consumer chemicals.

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, a flexible framework for the implementation of prediction systems, iii) development of multiscale prediction systems for drug-induced QT elongation, iv) participation in the European projects eTOX, Open PHACTS, iPiE, EU-ToxRisk and TransQST. 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**

The work is supported by grant of the European Commission- H2020- EU-ToxRisk - Ferran Sanz, Horizon 2020 (2014-2020). "An Integrated European "Flagship" Program Driving Mechanism-based Toxicity Testing and Risk Assessment for the 21st Century".



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**Benefits of the opening - Contract:** Full-time position for 12 months with the possibility of extension.

**To Apply:** Please send a CV and a letter of interest by email to [manuel.pastor@upf.edu](mailto:manuel.pastor@upf.edu)

**Deadline to submit applications:** ~~June 30<sup>th</sup> 2019~~ **Extended until July 15<sup>th</sup> 2019**