



Date of publication of the job offer: 11/7/2017

Job title: Senior Researcher on computational toxicology

Job description : A position is available for a senior postdoctoral researcher, with demonstrable experience in pharmaceutical research, at the **Pharmacoinformatics (PhI) group led by Manuel Pastor at GRIB (IMIM-UPF) in Barcelona**. The candidate will have responsibilities in the coordination of a team of international experts from industrial and academic institutions, in the context of European projects in the areas of **in silico toxicology**.

She/he will participate in ongoing European projects, in the areas of in silico toxicology, collaborating in the coordination of research activities both internally and externally with other project partners. The candidate must follow up the diverse tasks carried out in the project in parallel, anticipating deviation from the workplan and introducing corrective actions, helping to establish and strengthen collaborations, as well as favoring data and expertise sharing. 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, as well as representatives of regulatory bodies.

Project and Institution that finance the contract

Official number reference: Project eTRANSafe: Enhancing TRANslational SAFETY Assessment through Integrative Knowledge Management (IMI2 -116123-2)

About the group: 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, TransQST and **eTRANSafe**. A description of the group and the most recent publications can be accessed at <http://phi.upf.edu>.

Information on the minimum requirements

- University degree in Informatics, Biology, Chemistry or related areas.
- A PhD on Computational Chemistry, Chemo-/Pharmaco-Informatics or a related subject.
- Experience of at least ten years in R&D, in industrial environments (pharmaceutical,



consumer chemicals or cosmetic).

- Fluent in English, with excellent written and oral communication skills.
- Professional autonomy.
- Excellent personal skills for team leadership and coordination.

In addition we will value:

- Professional experience in tasks like those described above.
- Any previous experience as partner or coordinator of international research projects.

Benefits of the opening

Full-time position for 12 months with the possibility of extension. Salary to negotiate according to the experience of the candidate.

Information on the application process : Please send a CV and a letter of interest by email to manuel.pastor@upf.edu

Deadline to submit applications: 31st July 2017

Contact manuel.pastor@upf.edu