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Job Offer: Angular GUI developer at the Pharmacoinformatics (PhI) group (GRIB)

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 the frontend (graphic interface) of scientific software**, 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, development and maintenance of the graphic interfaces for 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.

Project and Institution that finance the contract: The work is supported by grant: PR02717 - H2020-JTI-IMI2-2016- eTRANSafe M.PASTOR

Skills and Experience

Desired skills and expertise:

- University degree in Informatics or related areas.
- Good English level (B2 minimum).
- Excellent programming skills in Angular.
- Good programming skills in Python and Django.

We will value:

- Experience in the development of scientific applications.
- Experience in programming using chemoinformatic libraries like RDKit or CDK.
- Experience in Docker and containerized applications.
- Professional experience in any of the mentioned skills.



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>

Benefits of the opening

We offer a Full-time position for 12 months with the possibility of extension. Annual salary of about 35.000€ (conditions and final salary to be negotiated).

Information on the application process:

To apply: Please send a CV and a letter of interest by email to **manuel.pastor@upf.edu**