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Postdoc opening in structural bioinformatics of GPCRs *Development of GPCR-ModSim, <http://gpcr.usc.es>*

On the year 2011 the platform GPCR-ModSim was launched as one of the first and most complete web-based solution for the modeling and simulation of GPCRs (see <http://gpcr.usc.es>). The project was initially funded by the Galician Autonomous government (2010-2011) and thereafter by the Spanish National Research Plan (2012-2013). With several hundreds users all over the world, GPCR-ModSim is currently used in both research and teaching in different Universities and research centers. The increasing interest of the pharmaceutical industry and the biomedical research on GPCRs is very well exemplified by the Nobel prize in Chemistry 2012, as it is the use of computer simulations of biochemical processes recognized in the Nobel prize of Chemistry 2013.

Following our recent migration to Uppsala University, we have obtained further financial support to continue with the development of GPCR-ModSim and we are therefore looking for a talented postdoc to join this project. If you have recently finished your PhD (or you are about to in the very next future) in bioinformatics, computer science, computational chemistry or similar disciplines and you think you accomplish the following requirements, we will be happy to evaluate your application for this position. Simply send a CV and a motivation letter by e-mail to hugo.gutierrez@icm.uu.se.

You should:

- Have experience in computer simulations and/or protein modeling and/or bioinformatics
- Have strong programming skills in Python and be familiar with Unix systems, web servers and databases.
- Be interested in the development and implementation of novel methodologies.
- Have demonstrated capacity of collaboration and ability for multidisciplinary communication.

We offer:

- The position is for one year with the possibility of extension for a second year.
- Extensive network of collaborations. We are part of the EU-COST action GLISTEN, which agglutinates the major GPCR research labs and industries in Europe, and maintain several collaborations with top medicinal chemists, structural biologists and pharmacologists in the field (see <http://gpcr.usc.es/publications>).
- Vibrant international environment in one of Europe's top universities.

Applications or further inquiries are welcome along the month of January to the project leader:

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