Date of publication of the job offer: 20 November 2018

Job title:
PhD Position to work on the development and maintenance of tools to analyze high-throughput sequencing data, at the Computational RNA Biology Group

Job description:
We seek exceptional candidates with a strong motivation in contributing to research in the role of RNA processing alterations in cancer. The successful candidate will work on the development and maintenance of tools to analyze high-throughput sequencing data to study mutations in non-coding regions in relation to cancer and rare diseases. The candidate will be in charge of software development, testing and benchmarking. Eyras' lab focuses on the study of mechanisms of RNA processing and their relevance in disease. Further information can be found at the group web site: http://comprna.upf.edu/

Project and Institution that finance the contract
Ministerio de Economía, Industria y Competitividad – Agencia Estatal de Investigación, co-funded by FEDER
Official number reference
BIO2017-85364-R

Information on the minimum requirements
The candidate will preferably have a PhD in bioinformatics with experience in the analysis of genomics data (DNA and RNA sequencing). An expert knowledge of programming in Python and R, as well as the use of statistical learning methodologies for data analysis are required. Experience with software development (GitHub), automation (e.g. Makefile, snakemake), and containerized distribution (e.g. Docker) will be a plus. As this project involves collaborations in an international environment within and outside the PRBB, excellent teamwork skills and fluency in written and spoken English will be required.

Benefits of the opening: The successful candidate will be offered an initial part-time contract for 5 months, with salary commensurable with experience, and with the possibility for an extension.

Information on the application process: Interested applicants should submit a motivation letter describing previous research experience, a CV and contact information for to Carina Oliver (carina.oliver@upf.edu) with **Ref: PNEE_PT**

Deadline to submit applications: Please apply before **7th of December 2018.**
Contact: Carina Oliver, Management - Research Programme on Biomedical Informatics (GRIB, IMIM/UPF)