



Date of publication of the job offer: 20 June 2018

Job title: Scientific Programmer at the Computational RNA Biology Group (Development of Deep learning)

Job description: We seek exceptional candidates with a strong motivation in contributing to research in the interpretation of sequence variation in relation to disease. The successful candidate will work on the development of deep learning tools to predict the impact of germline and somatic sequence variants of unknown significance. Applications will include the role of DNA and RNA variants in rare diseases, and the response to immune therapy in cancer. The candidate will work in close collaboration with other members of the group and experimental groups to analyze published and new datasets. Eyras' lab focuses on the study of mechanisms of RNA processing and their relevance in cell differentiation and 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 (España) – cofounded by FEDER.

Official number reference

BIO2017-85364-R

Information on the minimum requirements

The candidate will preferably have a background in quantitative or natural sciences with experience in bioinformatics and large-scale data analysis. We are looking for highly motivated candidates with extensive knowledge of programming of deep learning algorithms. Experience with software development (GitHub), automation (Makefile, snakemake), and containerized distribution (Docker) will be a desirable. 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 full-time contract for 6 months, with salary commensurable with experience, with the possibility for an extension.

Information on the application process:

Send CV and letter of interest, to carina.oliver@upf.edu (REF: PN_EEyras)

Deadline to submit applications – July 12, 2018

Contact: Carina Oliver (GRIB) – carina.oliver@upf.edu



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