

Job Offer Data Scientist/Bioinformatician in Immuno-Oncology

Job Description

Cancer immunotherapy, also known as immuno-oncology, is one of the most promising cancer treatments that harnesses our own immune system to recognize and kill tumorigenic cells. We are seeking a full-time strongly motivated data scientist / bioinformatician to contribute to projects in the area of immuno-oncology at the Computational Genomics Group from the Research Program on Biomedical Informatics (GRIB, UPF-IMIM), located at the Barcelona Biomedical Research Park (PRBB). The successful candidate will contribute to the development of computational and statistical methods for the prediction of patient response to immune therapy based on check-point inhibitors and will be supervised by Robert Castelo, Mar Albà and Júlia Perera, in close collaboration with Joaquim Bellmunt.

We offer a highly-stimulating research environment at the Barcelona Biomedical Research Park (<http://www.prbb.org>). The GRIB is a joint research programme between the Pompeu Fabra University and the Hospital del Mar Research Institute (<http://grib.upf.edu>) at the PRBB. With over 1,400 residents, the PRBB has a large critical mass in scientists from different institutions at the forefront of research in bioinformatics and computational biology, giving the possibility to attend seminars, conferences and soft-skills training.

Project and Institution that finance the contract

The work is supported by a grant entitled “Development of novel transcriptome-informed methods to predict the response to immunotherapy in cancer” from the BBVA Foundation.

Skills and Experience

- Education at the Degree or Master level in statistics, bioinformatics, computer science, mathematics, or similar, with a solid background in statistics and machine learning.
- Strong interest in contributing to research in genomics and biomedicine.
- Solid knowledge of UNIX-like operating systems and shell scripting.
- Proficiency in manipulating unstructured data from the command line.
- Experience and fluency in programming languages and statistical packages, including Python and R.
- Excellent teamwork/collaboration skills.
- Fluency in written and spoken English.
- Basic knowledge of molecular biology and genomics will be appreciated.

Benefits of the opening

We offer a two-year contract starting on July 1st 2022, with a gross salary in the range 29,477- 34.636 EUR/year, including the standard health benefits of a European Union member state.

Information on the application process:

Send CV and letter of interest, including names of two referees that could send recommendation letter to robert.castelo@upf.edu (REF: FBBVA_Genomics).