

**Date of publication of the job offer: January 26, 2022**

**Postdoctoral Position, Machine Learning at the Computational Science Group, at the Research Programme on Biomedical Informatics**

**Job Description:**

Universitat Pompeu Fabra <http://www.upf.edu> and Prof. Gianni De Fabritiis, Icrea research professor <https://es.linkedin.com/in/gdefabritiis>, are looking to recruit a postdoctoral scientist on computational medicinal chemistry.

Lab website: <http://www.compscience.org/>

Relevant References: [https://scholar.google.es/citations?hl=en&user=-kX4kMAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.es/citations?hl=en&user=-kX4kMAAAAJ&view_op=list_works&sortby=pubdate)

**Location:**

Barcelona, Spain, Barcelona Biomedical Research park. The laboratory is part of the Barcelona Biomedical Research Park which, with a privileged location on the shoreline of the Mediterranean sea, constitutes one of the most exciting interdisciplinary research centres in Southern Europe with more than 1300 scientists in the building alone.

**Project:** The work is supported with PO00321 - 2020 DI BIOMEDICINA: Gianni de Fabritiis and funds from the H2020 European Commission, by grant H2020-CompBioMed2-Gianni de Fabritiis

**Official number reference:** PREUR00419 - H2020-CompBioMed2-Gianni de Fabritiis, and PO00321 - 2020 DI BIOMEDICINA.

**Skills and Experience:**

The candidate will preferably have a profile in pharmacy, medicinal chemistry, organic chemistry or similar discipline.

We seek exceptional candidates with a passion for using computation to solve real life problems in drug discovery. Experience in previous drug discovery projects and tools either from a method development perspective or from an application perspective is required.

The capability to think out of the box, the ambition to work in very innovative projects and very good communication skills in English.

Experience in statistics/machine learning and good knowledge of Python.

Very good publication record

**Facilities:**

The candidate will be able to use <http://www.playmolecule.org>, a new platform for computational drug discovery. The laboratory is very well equipped with access to a local GPU and CPU cluster, hundreds of TB of storage and experimental facilities.

**Benefits of the opening:** We offer a competitive salary (30-35k EUR), depending on experience.

**Information on the application process:** Please send an email to [gianni.defabritiis@upf.edu](mailto:gianni.defabritiis@upf.edu) with subject "JOB PD1" with a CV and a cover letter together with the names of up to three contacts for requesting recommendations

**Deadline: feb 22, 2022**