



**Date of publication of the job offer: July 14<sup>th</sup>, 2022**

**Job Offer:** Postdoctoral position in Natural Language Processing at the IBI Group (GRIB)

**Job Description:**

The candidate will be in charge of the development and maintenance of our text mining infrastructure, which is applied to a variety of texts in the context of disease genomics and drug research & development projects, including drug toxicology. He/she will work in close collaboration with other members of the group in a variety of interdisciplinary projects in the areas of translational bioinformatics, in which text mining is applied.

**Project and Institution that finance the contract** - The work is supported with H2020 European Commission Funds, by grant H2020-JTI-IMI2-2016- eTRANSafe M.PASTOR.

**Official number reference:** PR02717 - H2020-JTI-IMI2-2016- eTRANSafe M.PASTOR

**Required Skills and Experience:**

- PhD in Natural Language Processing, Informatics, or related areas.
- Experience in Text Mining and Natural Language Processing
- Excellent communication skills in English

**Desired skills and experience:**

- Programming languages: Java, Python
- Natural Language Processing and Text Mining frameworks: GATE, OpenNLP, nltk, ScisPacy
- Machine learning tools: Weka, scikit-learn, libSVM, CRFsuite, deep learning frameworks
- Databases and Big Data Technologies: MySQL, MongoDB, Solr, Elasticsearch
- Web Technologies and Web Application Development: Spring Application Framework, Javascript, XML, X)HTML, CSS, XPATH
- Semantic Web Languages and Tools: RDF, OWL, SPARQL, Linked Open Data
- Software development tools: Maven, Git, CVS

**Benefits of the opening:**

Full-time position for 6 months with the possibility of extension.  
Negotiable salary according with the experience of the candidate.



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Place of work: Research Programme on Biomedical Informatics (GRIB), Integrative Biomedical Informatics Group (IBI). Department of Medicine and Life Sciences (MELIS), Universitat Pompeu Fabra Barcelona Biomedical Research Park (PRBB)

Dr Aiguader, 88, 08003 Barcelona.

Estimated start date: September 1<sup>st</sup> 2022

**Information on the application process:** Please send a CV to [recruitment.melis@upf.edu](mailto:recruitment.melis@upf.edu) with ref. MELIS-I.DET-UE-2022-09.

**Deadline to submit applications: July 22<sup>nd</sup>, 2022**