

The biocomputing unit at the National Centre for Biotechnology (CNB-CSIC) is seeking a candidate to work on the 3DBIONOTES project in the context of ELIXIR. 3DBIONOTES is a framework for the integration of structural and molecular biology with genomic information. The candidate will join a multidisciplinary group with a strong publication record.

#### Job Description

- Development of the 3DBIONOTES web framework
  - Integration of new biological databases
  - Development of new visualization and analysis tools
- Maintenance of the 3DBIONOTES compute infrastructure.
- Development of 3DBIONOTES API
- Datamining and statistical analysis of 3DBIONOTES integrated data
- Attending ELIXIR/INB meetings and conferences
- Writing manuscripts

#### Required Skills

- BSc in Computer Science, Mathematics, Physics or equivalent
- MSc in Bioinformatics, Biophysics or equivalent
- Programming experience at least in one of the following languages: Ruby, Python or JavaScript
- Good communication skills, highly proficient in spoken and written English

#### Desirable Skills

- Experience with the Ruby on Rails web framework
- Experience with BioPython
- Experience in JavaScript and jquery
- Experience in NPM
- Web Design: HTML and CSS
- Experience with git and github
- Experience with Docker
- Experience in Linux system administration

#### Job Offer

- Contract in the context of project: Blanca Benitez: [blanca@cnb.csic.es](mailto:blanca@cnb.csic.es)