126_LS_CB_R1

Job Reference

126_LS_CB_R1

Position

PhD student in Bioinformatics (Life Science Department) R1

Data de tancament

Diumenge, 15 Juliol, 2018

About BSC

The Barcelona Supercomputing Center - Centro Nacional de Supercomputación (BSC-CNS) is the leading supercomputing center in Spain. It houses MareNostrum, one of the most powerful supercomputers in Europe, and is a hosting member of the PRACE European distributed supercomputing infrastructure. The mission of BSC is to research, develop and manage information technologies in order to facilitate scientific progress. BSC combines HPC service provision and R&D into both computer and computational science (life, earth and engineering sciences) under one roof, and currently has over 500 staff from 44 countries.

Look at the BSC experience:
BSC-CNS YouTube Channel
BSC-CNS Corporate Video
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Context And Mission

The Computational Biology group, led by ICREA professor Alfonso Valencia, is looking for a PhD student to work in cancer genomics. The project will be in the context of the recent work by the group in several international cancer genomics consortia, such as The Cancer Genome Atlas or the International Cancer Genome Consortium. The successful candidate will complete a PhD in bioinformatics, addressing multiple topics: from cancer immunology, cancer predisposition, using protein structures to interpret inherited variants and somatic mutations.

The successful candidate will join a dynamic research group within the Life Sciences department, which integrates independent senior scientists that work on various aspects of computational biology, ranging from bioinformatics for genomics and proteomics to computational biochemistry and text mining. The Researcher will work in a highly sophisticated HPC environment, will have access to systems and computational infrastructures, and will establish collaborations with experts in different areas.
Key Duties

- Complete a PhD in bioinformatics, related to cancer genomics.
- Collaborate with various research groups across Europe and the United States.

Requirements

- Education
  - MSc in Bioinformatics, Biotechnology or any field related to biomedicine.
- Essential Knowledge and Professional Experience
  - Fluency in spoken and written English.
- Competences
  - Good communication and presentation skills.
  - Ability to work both independently and within a team.

Conditions

- The position will be located at BSC within the Life Sciences Department
- We offer a full-time contract, a good working environment, a highly stimulating environment with state-of-the-art infrastructure, flexible hours, extensive training plan, tickets restaurant, private health insurance, fully support to the relocation procedures
- Salary: we offer a competitive salary commensurate with the qualifications and experience of the candidate and according to the cost of living in Barcelona
- Starting date: 01/09/2018

Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references - COMPULSORY - Applications without this document will not be considered
- A full CV including contact details

Deadline

The vacancy will remain open until suitable candidate has been hired. Applications will be regularly reviewed and potential candidates will be contacted.

Diversity and Equal Opportunity Employment

BSC-CNS is an equal opportunity employer committed to diversity and inclusion. We are pleased to consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or any other basis protected by applicable state or local law.

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