77_LS_CG_R1

Job Reference

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Position

PhD Student - R1

Data de tancament

Diumenge, 07 Abril, 2019
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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
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Context And Mission

The Comparative Genomics group, led by ICREA professor Toni Gabaldón, is looking for a highly motivated PhD student to work in Comparative Genomics of microbial eukaryotes. The project will be centered on the use of comparative genomics, bioinformatics, and evolutionary approaches in order to answer biologically relevant questions in the context of the oral microbiome. These questions will be solved using metagenomic sequencing techniques on oral wash samples taken from different subpopulations around Spain. The successful candidate will complete a PhD in biomedicine, addressing multiple factors affecting microbiome profiles such as diet, lifestyle, age, chronic disorders, geographic location, among others. The candidate will join a dynamic research group within the Life Sciences department. The researcher will work in a sophisticated HPC environment and will have access to systems and computational infrastructures. Priority will be given to highly motivated and proactive candidates with a biology-related background and with the ambition to develop their career in the field of computational genomics and
Key Duties

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

Requirements

- Education
  - Degree in Biology, biotechnology or any field related to biomedicine.
  - MSc in Genetics, bioinformatics or any field related to cancer genomics.

- Essential Knowledge and Professional Experience
  - Experience in R and python programming.

- Competences
  - Fluency in spoken and written English.
  - 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
- Duration: Temporary - 1 Year renewable renewable
- 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: 01/04/2019

Applications Procedure

All applications must include:

- A motivation letter with a statement of interest, including two contacts for further references - 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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