

The Centro Nacional de Análisis Genómico (CNAG-CRG) is seeking:

Population genetics Postdoctoral Fellow

The CNAG-CRG is one of the major Genome Sequencing Centers in Europe. It is integrated in the Centre for Genomic Regulation (CRG), an international biomedical research institute of excellence classified in the 9th position (Q1 indicator, Health sector) by the SCImago Institution Rankings (SIR) World Report 2014.

The CNAG-CRG is actively involved in collaborative research projects on a number of specific topics: Disease Gene Identification, Cancer Genomics, Genomics of Infectious Diseases, Model Organism Genomics and Synthetic Biology Genomics of Model Organisms. Researchers at CNAG-CRG actively participate in several H2020 consortia, lead one ERC Synergy grant and are involved in major international initiatives in Genomics (ICGC, IRDiRC, iHEC, GA4GH).

We seek a junior postdoctoral researcher to work at the CNAG-CRG on the project **Development of new statistical tools for improving the detection of population substructure at individual level with applications in humans**, led by the team leader of Population Genomics **Dr Oscar Lao**.

The position requires a candidate with high experience in algorithm development, statistical modeling and data analysis in the field of population genetics.

The duration of the contract is for two years.

Requirements:

- A doctoral degree in bioinformatics, biostatistics, computer science or a related discipline, with emphasis on algorithm and software development, and population genetics.
- An advanced knowledge of at least a high-performance language for numerical computation (C, C++, JAVA, Python or Perl), as well as a good working knowledge of statistical packages such as R.
- A good working knowledge of Unix systems, in particular large Unix clusters.
- Good spoken and written English.

Application procedure:

Interested candidates should submit a CV and a brief statement of experience and interests before **November 30st** to the recruitment portal through the following link:

<http://www.crg.eu/en/content/jobs/cnag-jobs>

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