

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

## Population genetics/Genetic epidemiology/Bioinformatics PhD

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 offer a PhD position to work at the CNAG-CRG on the analysis of whole-exome sequencing and GWAS data to evaluate the role of common and rare genetic variants as possible contributors to dimensional scores of ADHD, led by the team leader of Population Genomics **Dr Oscar Lao**.

The position requires a candidate with high knowledge in bioinformatics, with strong focus on next generation sequencing/exome sequencing. Advance knowledge on population genetics and genetic epidemiology is also desirable.

The duration of the contract is for three years.

### Requirements:

- A BSc or MSc degree in Biology, Biomedical Sciences, Bioinformatics or a related field.
- 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.
- May not have resided or carried out her/his main activity (work, study, etc) for more than 12 months in the last 3 years in Spain at the moment the candidate signs her/his contract.
- The candidate should be within the first four years (full-time equivalent) after obtaining her/his BSc or MSc degree.
- The candidate must be eligible for a national PhD fellowship.

### Application procedure:

Interested candidates should submit a CV and a brief statement of experience and interests before **June 30<sup>th</sup>** to the recruitment portal through the following link: <http://www.crg.eu/en/content/jobs/cnag-jobs>

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