

The Centro Nacional de Análisis Genómico (CNAG) based at the Barcelona Science Park (PCB) is seeking:

Data analyst – Rare disorders

Ref: Data analyst

The CNAG started operating in March 2010 with a park of twelve second generation DNA sequencers supported by an extensive informatics infrastructure, becoming one of the major Genome Sequencing Centers in Europe.

The CNAG 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. In addition, we participate in several consortia of networked projects such as the International Cancer Genome Consortium (www.icgc.eu), and EU-funded projects such as READNA, AIRPROM, SYBARIS, ESGI and BLUEPRINT.

We seek a talented Data Analyst for the Data Analysis Group with emphasis on the identification of disease causing variants and genes in Rare Disorders.

The successful candidate will carry out the analysis of exome and whole genome sequencing data in Rare Disorders projects. The analyst will report to the Data Analysis Group Leader

Responsibilities:

1. Application and adaptation of data analysis pipelines for exome and whole genome sequencing studies with a primary focus on rare disorders genetic studies.
2. Support of CNAG's Rare Disorders collaborative projects
3. Complementation of existing pipelines for genetic analysis and variant annotation

Requirements:

1. Masters degree in Biology or related field with a strong background in genetics and computation
2. Experience with genome databases
3. Scripting in PERL or similar

Conditions:

Non-permanent contract

Application procedure:

Interested candidates may submit a CV and a brief statement of experience and interests before 31st of December 2011 to the following email address, indicating the offer reference in the message subject:

borsadetreball@pcb.ub.cat