The National Center for Genomic Analysis (CNAG) based at the Barcelona Science Park (PCB) is offering:

Postdoctoral position for Structural Genomics

Ref: Postdoc Structural Genomics

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. In addition, we participate in several consortia of networked projects such as the ICGC and EU-funded projects such as RD-CONNECT, AIRPROM, ESGI, BLUEPRINT, IBD-Character, BBMRI-LPC and 4DGenome.

The CNAG seeks a talented postdoc with a strong background in bioinformatics. The position is open at the Structural Genomics Team (http://marciuslab.org) at CNAG and CRG working on 3Dgenomics for understanding how genomes fold and organize into the nucleus. This post will be funded by the MINECO project "Determining the structure of genomes and genomic domains" (BFU2013-47736).

The successful candidate will report to the Structural Genomics Team Leader.

Responsibilities:

1.Development and implementation of software for the analysis of 3D structure of genomes.

2.Computational analysis of the relationship between lncRNA and the organization of the genome.

Requirements:
1. A PhD in Bioinformatics or related field.
2. Demonstrated experience in developing software for bioinformatics.
3.Previous knowledge of NGS analysis and structural biology is a plus.
4.Python proficiency is a plus.

Conditions:
The candidate will be initially offered a 2 year contract at the salary scale of a PostDoc at CNAG.

Application procedure:
Interested candidates may submit a CV, a brief statement of interests and two letters of reference from previous advisers before February 28th 2015 to Marc A. Marti-Renom at mmarti@pcb.ub.cat

---

centre nacional d'anàlisi genòmica
centro nacional de análisis genómico

cnag