

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

FPI PhD Fellowship in Structural Genomics

Ref: FPI PhD 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 young student with a strong background in bioinformatics for the Structural Genomics Team (<http://marciuslab.org>) working on three-dimensional genomics to understand how genomes fold and organize into the nucleus. This post will be funded by an FPI from the MINECO assigned to the project "Determining the structure of genomes and genomic domains" (BFU2013-47736).

The successful candidate will report to the Structural Genomics Group 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. Master degree in Bioinformatics or a related field.
2. Demonstrated experience in Bioinformatics analysis.
3. Average qualification >2.0 (Spanish System) would be a plus.

Conditions:

Fellowship for 4 years with an annual gross salary of 16.442€

Application procedure:

Interested candidates may submit a CV and a brief statement of experience and interests before September, 21st 2014 to Marc A. Martí-Renom at mmarti@pcb.ub.cat