

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

Clinical Genomics Specialist Reference: CNAG Clinical Genomics

The Centro Nacional de Análisis Genómico (CNAG-CRG) is one of the major Genome Sequencing Centers in Europe with a park of thirteen high throughput DNA sequencers supported by an extensive informatics infrastructure.

The CNAG-CRG is actively involved in collaborative research projects on a number of specific Genomics related topics: Disease Gene Identification, Cancer, Infectious Diseases and Model Organisms. We lead the development of the RD-Connect platform and the ELIXIR's EXCELERATE use case on Rare Diseases. Both initiatives aim to the standardization and integration of data for Rare Diseases and are some of the CNAG-CRG efforts towards Precision Medicine.

We seek an expert in clinical genomics to lead the efforts to bridge the gap between whole genome/exome results and clinical practice. This will include compiling and integrating tools and resources, linking diseases with phenotypes, genes and drugs, generation of medical reports and lobbying with clinicians.

The successful candidate will hold a medical or biomedical degree and will have proven experience in molecular/genetic diagnostics, preferably using NGS data. He/She must be proactive and able to work independently and as part of a team integrating a system. The selected candidate will join the Data Analysis Team and will work in close collaboration with Spanish and International researchers and clinicians.

Responsibilities:

1. Develop workflows for molecular diagnostics and clinical research.
2. Clinical genetic data analysis and reporting.
3. Compilation of resources and tools.
4. Data integration.
5. Lobby with the clinical and research communities.

Requirements:

1. A biomedical related degree and/or proven experience in the field. A PhD degree will be highly valued.
2. A minimum experience of 1 year in interpretation of genomic sequence variants for clinical utility.
3. Experience with Human Genetics, including Cancer and Disease Gene Identification.
4. Experience with human mutation databases, cancer mutation databases and genome browsers.
5. Knowledge of bioinformatics will be highly valued.
6. Strong interpersonal skills and abilities to work in a multi-disciplinary team while organizing his/her own tasks.
7. Good spoken and written English.

Application procedure:

Interested candidates may submit a CV and a brief statement of experience and interests before **September 25th 2016** to the recruitment portal through the following link: <http://www.crg.eu/en/content/jobs/cnag-jobs>.

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