

## “Genomics Data Analyst”

### *Centro Nacional de Análisis Genómico (CNAG-CRG)*

#### The Institute

The Centro Nacional de Análisis Genómico (CNAG-CRG) is one of the largest Genome Sequencing Centers in Europe. CNAG-CRG researchers participate in major International Genomic Initiatives such as the International Cancer Genome Consortium (ICGC), the International Human Epigenome Consortium (IHEC), the International Rare Diseases Research Consortium (IRDiRC) and the European Infrastructure for life-science information (ELIXIR), as well as in several EU-funded projects.

It is integrated with the Centre for Genomic Regulation (CRG), an international biomedical research institute of excellence, based in Barcelona, Spain, with more than 400 scientists from 44 countries. The CRG is composed by an interdisciplinary, motivated and creative scientific team which is supported both by a flexible and efficient administration and by high-end and innovative technologies.

In April 2021, the Centre for Genomic Regulation (CRG) received the renewal of the '[HR Excellence in Research](#)' logo from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the [European Charter for Researchers](#) and the [Code of Conduct for the Recruitment of Researchers](#) (Charter and Code).

[Please, check out our Recruitment Policy](#)

#### The role

We have an opening for a Genomics data analyst through the project iGenCO, funded by Fundació La Marató de TV3. iGenCO stands for “In-depth genomics and cross-omics analysis for undiagnosed rare diseases on a user-friendly collaborative platform”. The project aims to systematically reanalyse existing exome and genome data from undiagnosed rare disease patients with innovative approaches and to generate transcriptomics and epigenomics data to help identify disease causing genes.

The responsibilities of the successful candidate will include:

- 1- General overview and follow-up of the project tasks.
- 2- Proactive data processing and analysis in cutting edge rare disease projects, including design, variant identification, annotation, interpretation and scientific communication.
- 3- Contribute to the refinement or update of clinical genomic analysis workflows and pipelines.
- 4- Participate in the design of the clinical genomics platform for the project.
- 5- Close personal interaction and networking with the Spanish clinical genomics community.

#### About the team

The successful candidate will join the Bioinformatics Unit, which has over 30 members and offers continuous growth and support on a professional level. The Unit is led by Dr. Sergi Beltran and works in a stimulating scientific environment, applying state-of-the-art technologies to breakthrough research projects in Genomics that have an impact on people's health.



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## Whom would we like to hire?

### Professional experience

#### Must Have

- An MSc in Human Genomics, Bioinformatics or related discipline
- A minimum experience of 1 year in the analysis of Next Generation Sequencing whole exome or genome data
- Experience with Unix operating systems, including shell scripts
- In-depth understanding of human genetics
- Experience with the analysis of genotype-phenotype data

### Education and training

- You hold an MSc in Human Genomics, Bioinformatics or related discipline

### Languages

- Fluency in written and spoken English

### Technical skills

- Working experience in languages such as R or Python

### Competences

- Excellent organisational, prioritising, communication and interpersonal skills

### The offer – Working Conditions

- **Contract duration:** 6 months
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales
- **Target start date:** as soon as possible

We provide a highly stimulating environment with state-of-the-art infrastructures, and unique professional career development opportunities. To check out our training and development portfolio, please visit our website in the [training section](#).

We offer and **promote a diverse and inclusive environment** and welcomes applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.

The **CRG is committed to reconcile a work and family life** of its employees and are offering extended vacation period and the possibility to benefit from flexible working hours.

### Application procedure

All applications must include:

1. A motivation letter addressed to Dr Sergi Beltran.
2. A complete CV including contact details.

All applications must be addressed to People department and be submitted online on the CRG Career site - <https://recruitment.crg.eu/content/jobs/position/genomics-data-analyst-2>



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### Selection Process

- **Pre-selection:** The pre-selection process will be based on qualifications and expertise reflected on the candidates CVs. It will be merit-based.
- **Interview:** Preselected candidates will be interviewed by the Hiring Manager of the position and a selection panel if required.
- **Offer Letter:** Once the successful candidate is identified the People department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

**Deadline:** The position will be open for at least 15 days since the date of publication. After it will remain open until a suitable candidate is hired.

**Suggestions:** The CRG believes in **ongoing improvement** and promotes a **culture of feedback**. This is one of the reasons we have in place, at your disposal as a candidate, a mechanism to gather your suggestions/complaints concerning your candidate experience in our recruitment processes. Your feedback really matters to us in our aim at creating a **positive candidate journey**. You can make a difference and help us improve by letting us know your suggestions through the [following form](#).



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