



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

## “Clinical Data Curators” *Centre for Genomic Regulation (CRG)*

### The Institute

The Centre for Genomic Regulation (CRG) is 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'](#) Award 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 are seeking two enthusiastic clinical data curators with a background in bioinformatics and/or biomedicine, good understanding of clinical concepts and experience in curation of large-scale clinical and genomic data to work in projects funded by the European Union's Horizon Europe programme. The successful candidates will perform harmonisation and curation activities, data quality assurance and bioinformatics support collaborating with multi-functional teams and contributing to various projects ongoing at the EGA (European Genome-Phenome Archive [www.ega-archive.org](http://www.ega-archive.org))

### About the EGA

The EGA (European Genome-Phenome Archive, [www.ega-archive.org](http://www.ega-archive.org)) is a resource for permanent secure archiving and sharing of all types of potentially identifiable bio-molecular, phenotypic, and clinical data resulting from biomedical research projects. We host more than 18 petabytes of data, that includes more than 3700 studies and 8600 datasets. The EGA, co-managed by the CRG ([www.crg.eu](http://www.crg.eu)) and the European Bioinformatics Institute (EBI, [www.ebi.ac.uk](http://www.ebi.ac.uk)), is an active partner in numerous international and national projects and contributes to establishing international standards in genomics and health research. Currently, the EGA is involved in many precision medicine initiatives and projects and looks forward to providing advanced services for that research community. The EGA team at CRG is a diverse group (currently 20 people and steadily growing) composed of bioinformaticians, developers and scientists from various backgrounds. The EGA is a Global Alliance for Genomics and Health (GA4GH, [www.ga4gh.org](http://www.ga4gh.org)) driver project, an ELIXIR ([www.elixir-europe.org](http://www.elixir-europe.org)) Core Data Resource and Recommended Deposition Repository, as well as an ELIXIR Spain ([www.inab.es](http://www.inab.es)) service. In Barcelona, the EGA is based at the prestigious Barcelona Biomedical Research Park (PRBB, [www.prbb.org](http://www.prbb.org)) and receives support from the Barcelona Supercomputing Center (BSC, [www.bsc.es](http://www.bsc.es)) and the Universitat Pompeu Fabra (UPF, [www.upf.edu](http://www.upf.edu)).





Whom would we like to hire?

### Professional experience

#### Must Have

- Experience with high throughput genomic and clinical data curation, harmonization, and quality control checks
- Good understanding of clinical concepts and genomics
- Experience with harmonization and curation of metadata
- Experience with health data standards (OMOP, FHIR...)
- Experience with the use of ontologies/vocabularies (LOINC, SNOMED...)

#### Desirable but not required/ Nice to have

- You have experience with large-scale data analysis (e.g. genome-wide association studies or population genomics) using genetic and phenotypic datasets (preferably hands-on experience working with large datasets such as UK Biobank)
- You have experience in supervised & unsupervised machine-learning algorithms, Data analytics
- You have knowledge of databases: SQL, Elasticsearch, MongoDB, Neo4J, etc. Having database management experience is a major plus
- You have experience in working with REST API's for application and services integration

### Education and training

- You hold a master's in bioinformatics (or similar discipline), or equivalent working experience

### Languages

- You are fluent in English, which will be the language used for all work written and oral communications
- Spanish and/or Catalan might be considered a plus, but are not required

### Competences

- Able to suggest innovative ideas
- Highly proactive and passionate about the projects you take part in
- Able to work with people with different professional backgrounds
- Structured and organised, able to coordinate overlapping tasks
- Good communication skills
- Accurated and detail-oriented
- Enthusiastic team player
- Able to give impacting oral presentations

### The Offer

- **Contract duration:** Long-term contract, linked to the duration of the project
- **Weekly schedule:** full-time (this is an in-person position with the possibility to have an hybrid schedule)
- **Estimated annual gross salary:** an attractive salary will be offered, commensurate with qualifications and consistent with our pay scales.
- **Target start date: January 15th**

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 welcome applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.

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

### Application Procedure

All applications must include:

1. A motivation letter addressed to Dr. Jordi Rambla.
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Jordi Rambla and be submitted online on the CRG Career site - <http://www.crg.eu/en/content/careers/job-opportunities>

### 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:** Please submit your application by **December 7, 2023**

**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. <https://recruitment.crg.eu/webforms/recruitment-contact-form-suggestionscomplaints>



HR EXCELLENCE IN RESEARCH

