



## System Administrator Linux –EGA *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 shares principles of an interdisciplinary, motivated and creative scientific team that is supported by high-end and innovative technologies and a flexible and efficient administration.

CRG has been conferred with a badge of 'HR Excellence in Research' by the European Commission, in recognition to its progress in implementing the European Charter for Researchers and the Code of Conduct for Recruitment of Researchers, that among others consists of transparent, merit-based recruitment procedures and attractive work-life balance working conditions.

For further information: [www.crg.eu](http://www.crg.eu)

### The role

As a System Administrator, you will contribute to the daily operations; such as developing new features and deploying new services, with the goal of bringing value to the huge assets that the EGA team is hosting. You will work with cutting-edge hardware, technologies and methodologies, such as DevOps by using continuous integration, continuous delivery, code coverage and unit testing.

In addition to the above, you will also provide sophisticated services to the EGA (European Genome-phenome Archive, [www.ega-archive.org](http://www.ega-archive.org)) user community.

Some of our Hardware and technologies are: 10 PBs of GPFS, tapes and Hadoop storage, thousands of computing cores managed by Slurm, and NoSQL and BigData DBs.

### About the team

The Center for Genomic Regulation (CRG, [www.crg.eu](http://www.crg.eu)) in Barcelona is co-managing the EGA (European Genome-phenome Archive, [www.ega-archive.org](http://www.ega-archive.org)) in partnership with the European Bioinformatics Institute (EBI, [www.ebi.ac.uk](http://www.ebi.ac.uk)) to explore and develop joint services based around human biomolecular data and its associated phenotype information. EGA is an ELIXIR ([www.elixir-europe.org](http://www.elixir-europe.org)) Core Data Resource and ELIXIR Recommended Deposition Repository and an ELIXIR Spain ([www.inab.org](http://www.inab.org)) Service. It is supported by ELIXIR Spain, the Barcelona Supercomputing Center (BSC, [www.bsc.es](http://www.bsc.es)), the Universitat Pompeu Fabra (UPF, [www.upf.edu](http://www.upf.edu)) and is based at the Barcelona Biomedical Research Park (PRBB, [www.prbb.org](http://www.prbb.org)). The EGA is involved in many precision medicine initiatives and projects and looking forward to provide advanced services for that community. The EGA team is steadily growing with developers, curators and system administrators.

### Whom would we like to hire?

- You hold a Degree in Computational Science or a related field
- You have 2 years of experience in systems administration
- You have proven experience in Linux distributions (SLES and CentOS)
- You have proven experience in relational and non-SQL databases, Web services administration, system security, and related technologies
- You are fluent in English





### Desirable but not required

- Knowledge about Container technology, High-availability, HPC, cloud computing, DevOps

### The Offer

- **Contract duration:** 1 year with the option to be extended for an additional 2 years.
- **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.

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

We are committed to reconcile a work and family life for our employees and are offering the opportunity to benefit from annual leave, flexible working hours and teleworking.

### Application Procedure

All applications must include:

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

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

**Deadline:** Please submit your application by the **31<sup>th</sup> of March, 2018**



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