



Postdoctoral Researcher in the group “Evolutionary Processes Modeling” *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

The role

We seek to hire a postdoctoral researcher to work in the research group "Evolutionary Processes Modeling" of Dr. Donate Weghorn.

About the team/ lab/ department

The research focus in the group will be on developing new mathematical models and computational tools to describe cancer evolution. We mainly use published sequencing datasets to infer selection on coding and non-coding somatic variants. These questions are connected to the study of mutational processes and their signatures in cancer DNA sequencing data. The successful candidate will be driving individual projects and will work in a highly collaborative environment.

Whom would we like to hire?

- You hold a PhD in genetics, physics, mathematics, bioinformatics, computer science or a related field.
- You have fluency in one or more programming languages.
- You have experience with computational analysis of sequencing and other biological datasets (preferable).
- You are fluent in English.
- We are looking for a highly motivated postdoctoral researcher to work on evolutionary dynamics of tumorigenesis. Project ideas without a direct connection to cancer are welcome to be discussed.





The Offer

- **Contract duration:** Initially 2 years, with intention of extension.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** December 1 - February 1, 2019

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 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. Donate Weghorn, including a brief description of previous research experience and a motivation to why you are applying
2. A complete CV including a list of publications and contact details.
3. A brief statement of research interests.
4. Contact details of two referees.

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

Deadline: Please submit your application by 1st of December, 2018

