



## “PhD Student in the Microtubule Function and Cell Division lab”

### *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 looking for an enthusiastic PhD Student to join the Microtubule Function and Cell Division lab on a project led by Prof. Isabelle Vernos. The successful candidate will investigate the role and regulation of microtubule post-translational modifications during cell division.

#### About the team

The Microtubule Function and Cell Division lab studies the mechanisms that ensure the faithful segregation of the chromosomes during cell division. Chromosome segregation fidelity is essential for the viability and genomic integrity of cells and organisms. Aneuploidy, the imbalance of chromosome number per cell, is one of the most common cause of miscarriages and a hallmark of cancer cells. We particularly focus on the mechanisms that control and define microtubule nucleation, dynamics and organization during mitosis. We use tissue culture cells and *Xenopus laevis* frog egg extracts as model systems. We collaborate with several groups in Spain and abroad for work in other experimental systems and in humans.

#### Whom would we like to hire?

#### Professional experience

##### Must Have

- You have a background in life sciences

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

- You have experience with techniques of proteomics, molecular biology, cloning, light and confocal microscopy, and quantitative image analysis





## Education and training

- You hold a University Degree in biomedical sciences
- You hold a Master's Degree in a relevant life science disciplines within the European Higher Education System or equivalent

## Languages

- You are proficient in English

## Competences

- You have highly developed organization skills
- You have dedication, motivation, and rigor in scientific pursuits
- You have ability to pay attention to detail

## The Offer – Working Conditions

- **Contract duration:** 4 years PhD position.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** October, 2021 or 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 Prof. Isabelle Vernos
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Prof. Isabelle Vernos 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 Human Resources department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

**Deadline:** Please submit your application by August 6<sup>th</sup>, 2021.

**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](#).



HR EXCELLENCE IN RESEARCH

