



## **Post-Doctoral Fellow Position** **Oocyte Biology & Cellular Dormancy Group** *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**

Successful candidates will join the Oocyte Biology & Cellular Dormancy Group on a project funded by an 2017 ERC Starting Grant. S/he will investigate the metabolic states of mitochondria in early-stage and mature mammalian oocytes, and characterize the mechanisms that keep mitochondria healthy. Successful candidates will combine genetic and biochemical perturbations with imaging and the quantitative proteomics techniques to reveal the mechanisms that protect mitochondria in oocytes from ageing

### **About the Lab**

Group leader: Elvan Boke, Ph.D

Oocyte Biology and Cellular Dormancy Group

Center for Genomic Regulation (CRG)

Barcelona, Spain

The Oocyte Biology & Cellular Dormancy Group studies early stage oocytes, with an interest in how they remain dormant for several decades in the female body. The group uses oocytes from mouse, *Xenopus laevis* frogs, and humans in collaboration with a fertility clinic in Barcelona. Elvan joined the CRG as a group leader in February 2017, continuing her work on mechanisms of membrane-less organelle formation via amyloid-like self-assembly started at Harvard Medical School (Boke et al., 2016, Cell). Her group works to clarify the organisation and function of organelles in oocytes and the regulation of physiological amyloid-like structures. More generally, the primary focus of the group is to discover new avenues into the mechanisms that protect organelles from ageing and understand how oocytes stay dormant for many decades.





### Qualifications required

- A Ph.D in Biochemistry, Cell Biology, Genetics, Developmental Biology, or related field.
- At least one first author paper published or in review at in an International peer-reviewed journal
- Experience and background in confocal imaging and basic biochemistry techniques.
- Fluency in English

### Desirable but not required

- Previous experience with mammalian oocytes, and /or research in mitochondria

### Position Details

- **Duration:** A one-year contract with the possibility be extended (extendable to a maximum of 5 years)
- **Salary:** A competitive salary based on professional experience
- **Starting date:** to be negotiated, with the potential to start immediately.

We offer work in a highly stimulating environment with state-of-the-art infrastructures, providing the successful applicant with unique professional career opportunities.

CRG offers and promotes a diverse and inclusive environment and welcomes applicants regardless of age, disability, gender, nationality, race, religion or sexual orientation.

The CRG is committed to reconcile a work and family life of its employees and within the work-life balance programme is offering an opportunity to benefit from annual leave allowance, flexible working hours and teleworking programme.

### Application Procedure

Please provide

1. A cover letter addressed to Dr. Elvan Boke
2. A full CV including contact details.
3. Two reference letters, or the contact details (name, address, telephone and email) of two references.

Address all correspondences to Dr. Elvan Boke, and submit them on-line through the CRG web portal <http://www.crg.eu/en/content/careers/job-opportunities>

**Deadline:** Please submit your application by the **20<sup>th</sup> of November 2017**.

Applications will be periodically reviewed until position is filled; expect at least a few weeks delay in response.

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