



## “Postdoctoral Fellow in the 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

In humans, oocytes live up to 40-60 years and yet retain the ability to give rise to a newborn. We are interested in deciphering the mechanisms that protect oocytes from ageing. Successful candidates will join the Oocyte Biology & Cellular Dormancy Group on a project funded by a 2017 ERC Starting Grant.

The selected candidate will investigate the pathways that keep early stage oocytes in mammals healthy. The successful candidate/s would join in two open research directions in the lab: Mitochondrial homeostasis & cytoplasmic proteostasis in oocytes, including physiological amyloids.

#### About the team/ lab/ department

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 clinics 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.

#### Whom would we like to hire?

- You hold a Ph.D in Biochemistry, Cell Biology, Genetics, Developmental Biology, or related field.
- You have at least one first author paper published or in review at in an International peer-reviewed journal
- You have experience and background in confocal imaging and basic biochemistry techniques.
- You are fluent in English





### Desirable but not required

- You have previous experience with mammalian oocytes, and /or research in mitochondria/ proteostasis.

### The Offer

- **Duration:** A one-year contract with the possibility to 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 for starting immediately.

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.

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

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)

All applications must be addressed to Dr. Elvan Boke 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 1st March, 2019



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