



Postdoctoral Position in Developmental Biology and Senescence (Keyes lab)

The Institute

The Centre for Genomic Regulation (CRG), is an international biomedical research institute of excellence, based in Barcelona, Spain, whose mission is to discover and advance knowledge for the benefit of society, public health and economic prosperity.

The breadth of topics, approaches and technologies at the CRG permits a broad range of fundamental issues in life sciences and biomedicine to be addressed. Research at the CRG falls into four main areas: gene regulation, stem cells and cancer; cell and developmental biology; bioinformatics and genomics; and systems biology.

With more than 380 scientists from 42 countries, the CRG excellence is based on an interdisciplinary, motivated and creative scientific team that is supported by high-end and innovative technologies.

The centre's other main strategic goals are: to translate basic scientific findings into benefits for health and economic value for society; to provide advanced and excellent training to our scientists; and to communicate and establish a bilateral dialogue with society.

CRG has received the “HR Excellence in Research” award from the European Commission, which shows the commitment of the institute in conducting transparent and merit-based recruitment procedures and providing attractive working conditions in alignment with the European Charter and Code.

For further information: www.crg.eu

Postdoctoral Position

A position for a Postdoctoral Fellow is available in the lab of Bill Keyes, in the Gene Regulation, Stem Cells and Cancer Programme. The lab studies the processes of cancer and aging, with a strong focus on the investigation of cellular senescence. Recently, the group discovered a novel role for cellular senescence during embryonic development, and is seeking a postdoctoral candidate to continue and develop this work. As such, preference will be given to candidates with a proven record in developmental biology. These projects will involve the use of tissue culture and animal models coupled with high-throughput genomic analysis and molecular biology approaches. For further information on the project and the work from the lab in general, see recent publications: Keyes *et al*, *Cell Stem Cell*, 2011, 8(2) 164-176; Doles *et al*, *Genes & Development*, 2012 26(19): 2144-53; Storer *et al*, *Cell*, 155(5), 1119–1130.

The candidate will join an international group of scientists, working on highly competitive topics. The candidate will benefit from access to a modern well-equipped laboratory, as well as access to the CRG's Core Facilities and support. Salary is available for one year, but the candidate will be supported to apply for competitive external fellowships.

Requirements

Studies:

- Ph.D or M.D./Ph.D. (already obtained or soon-to-be), with at least one first author publication.





Technical skills required:

- Previous experience in developmental biology will be heavily favoured.
- Experience in molecular biology is desirable.

Languages:

- Fluent level of English

Soft skills:

- Highly motivated person with strong interest in science research.
- Interactive person, with ability to work independently.
- Good communication skills

The Offer

- **Duration:** One year contract
- **Estimated annual gross salary:** A competitive salary will be provided, which will be matched relative to the cost of living in Barcelona, and adjusted according to experience
- **Starting date:** January 1st, 2016 or as soon as possible

We offer work in a highly stimulating environment with state-of-the-art infrastructure, providing the successful applicant with unique opportunities to develop a strong technical portfolio.

Application Procedure

All applications must include:

1. A motivation letter and research interests (past and present) addressed to Dr. Bill Keyes.
2. A full CV including contact details.
3. Contact information for two or three referees.

All applications must be addressed to Dr. Bill Keyes and be submitted by means of on-line application on the official website of the CRG - <http://recruitment.crg.eu/>.

Deadline: Please submit your application by **October the 20th of 2015**

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