



Two Junior and Two Senior Group Leader Positions

Centre for Genomic Regulation (CRG)

The CRG is searching for applications from exceptional senior and young scientists, to fill the following vacancies:

- **Two Junior Group Leaders;** the successful candidates will be highly accomplished young scientists who will establish their first research group or be within the first years of independence.
- **Two Senior Group Leaders;** the successful candidates will have an exceptional scientific record and will be expected to assume leading functions in the institute.

The Centre for Genomic Regulation (CRG) is an internationally renowned biomedical research institute in Barcelona, Spain. The CRG is located at the Barcelona Biomedical Research Park (PRBB) with six other research institutes, including the newly created Outstation of the European Molecular Biology Laboratory (EMBL) starting this year. In addition, the CRG's National Centre for Genomic Analysis (CNAG, www.cnag.cat) is located at the Barcelona Science Park (PCB). The CRG consists of 400 scientists, and is organized into four research programs supported by high-end core facilities covering proteomics, genomics, bioinformatics, microscopy, FACs, iPS and organoids, and protein expression. The CRG hosts one of the two nodes of the European Genome-phenome Archive (EGA, <https://ega-archive.org>) and is affiliated to the Barcelona Institute of Science and Technology (BIST, www.bist.eu) to foster interdisciplinary research and training.

The role

The scientific focus of the CRG for the next five years is Integrative Biology. Addressing the complexity of biological systems, particularly human biology, requires concerted integrative and interdisciplinary approaches – creating a community with diverse expertise, including theoreticians and computer scientists, as well as experimental biologists.

We are particularly interested in recruiting a Senior Group Leader in the area of **Medical Genomics**. This includes experts in clinical and statistical genetics, medical and single cell genomics, molecular mechanisms of disease and disease heterogeneity, and evolutionary medicine. Applications from clinician-scientists are encouraged.

For the other **Senior and Junior** positions, in addition to **Medical Genomics**, we encourage applications who will complement the areas represented in the following programs of the CRG:

- **Systems Biology and Genomics**, including quantitative cell biology, cellular dynamics, algorithms, methods and technology development, data integration and visualization, imaging, synthetic biology, deep learning applied to biology and human health, and single cell biology.
- **Cell Biology**, mechanistic and novel approaches to understand the process of cell compartmentation, division, growth, and tissue organization.
- **Cellular Decision Making and Interactions**, including stem cell biology, host-microbiome interactions, differentiation and disease, evolution, and immunology.

The Offer

Two Senior Group Leader positions with an open-ended contract renewable depending on periodic external peer-review, and salaries and consumables for up to four people. We also offer a fully equipped laboratory space for 12 -15 people including lab expenses with access to state-of-the-art core facilities. **Two Junior Group Leader position** with a 5-year contract renewable for a total of 9 years depending on external peer-review, and salaries and consumables for up to three people. We also offer a fully equipped laboratory space for 7-9 people including lab expenses with access to state-of-the-art core facilities. (<http://www.crg.eu/content/scientific-services/core-facilities>)

Further information regarding the CRG group leader recruitment & selection process can be found at: <http://www.crg.eu/en/content/careers/group-leader-recruitment>

Deadline: Please submit your application by the **15th of December 2017**

Interviews: Candidates will be invited to an Interview held during the **2nd and 3rd week of February 2018**, at the CRG in Barcelona, Spain.

We provide a highly stimulating environment with state-of-the-art infrastructures, and unique professional career development opportunities. The CRG offers and promotes a diverse and inclusive environment and welcomes applicants regardless of age, disability, gender, nationality, race, religion or sexual orientation.

Application Procedure

All applications must include:

1. A motivation letter including your choice of CRG's research interest
2. A complete CV including a list of publications.
3. Brief (<4 pages) proposal of your future research plans.
4. Contact details of three referees.

All applications must be addressed to Professor Luis Serrano and submitted online through the CRG Career site: <http://www.crg.eu/en/content/careers/job-opportunities>

Informal enquires can be directed to the CRG Director or to the specific programme coordinators.

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