



## POSTDOCTORAL MOLECULAR BIOLOGIST AT THE CRG SYSTEMS BIOLOGY PROGRAMME

### 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 Scimago Institution Rankings (SIR) World Report 2015 classifies the CRG in 6<sup>th</sup> position (Health sector), out of over 5,100 research institutions around the world.

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.

The Centro Nacional de Análisis Genómico (CNAG-CRG) was integrated with the CRG in July 2015, and is one of the major Genome Sequencing Centres in Europe with a large park of second generation DNA sequencers supported by an extensive informatics infrastructure.

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](http://www.crg.eu)

### Mission of the role

We are looking for an excellent and highly motivated experimental postdoc with interests in synthetic biology to engineer the minimal bacterium *M. pneumoniae* as chassis for vaccine production. Our approaches include molecular, biochemical, systems biology, and protein design tool, as well as assays in animals.

### Requirements

#### Studies:

- PhD in Biology-related areas

#### Experience:

- Experience in systems biology and network analyses
- Knowledge in immunology

#### Technical skills required:

- Experience in engineering synthetic circuits
- Molecular biology, yeast and/or bacterial genome engineering





#### Languages:

- Fluent level of English

#### Soft skills:

- A highly motivated and organized candidate
- **Passion for cell biology**
- Capable of working in a group, and with a high degree of work autonomy

#### The Offer

- **Duration:** 1 year renewable contract up to 5 years
- **Estimated annual gross salary:** A competitive salary will be provided, which will be well matched relative to the cost of living in Barcelona, and adjusted according to experience
- **Starting date:** as soon as possible from October 2016

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.

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 presentation letter addressed to Dr. Luis Serrano.
2. A full CV including contact details.
3. Two contacts for further references.

All applications must be addressed to Dr. Luis Serrano 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 15<sup>th</sup> of 2016

#### Centre de Regulació Genòmica (CRG)

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