



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“POSTDOCTORAL POSITION IN THE INTRACELLULAR COMPARTMENTATION”
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 is composed by an interdisciplinary, motivated and creative scientific team which is supported both by a flexible and efficient administration and by high-end and innovative technologies.

In April 2021, the Centre for Genomic Regulation (CRG) received the renewal of the '[HR Excellence in Research](#)' Award from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the [European Charter for Researchers](#) and the [Code of Conduct for the Recruitment of Researchers](#) (Charter and Code).

[Please, check out our Recruitment Policy](#)

The role

We would like to hire a postdoctoral researcher passionate about science and willing to undertake challenging new projects with expertise in molecular cell biology, super resolution microscopy, and demonstrated record of publication in highly recognized journals.

The lab discovered TANGO1 as an endoplasmic reticulum exit site specific trans membrane protein which functions in secretion of vital proteins too big in size or secreted in huge quantities that cannot be trafficked by standard small vesicles. The aim is to address the mechanism by which TANGO1 functions in secretion of proteins such as mucins, collagens and insulin.

About the lab

The lab is interested in revealing the mechanism of protein secretion. Protein secretion is an old problem of fundamental interest and while a number of questions remain unsolved, we have focused on the following key questions.

1. Mechanism of collagen secretion to address the issue of tissue fibrosis (collagenopathies).
2. Mechanism of Mucin secretion and the associated pathologies of COPD and cystic fibrosis
3. The mechanism of unconventional protein secretion.
4. The shape and the biogenesis of functional Golgi cisternae.
5. The biogenesis of transport carriers at the Golgi cisternae.

Whom would we like to hire?

Professional experience

Must Have

- Must have a comprehensive understanding and proven ability to modern approaches of molecular cell biology, imaging, genetic
- All approaches of modern cell biology that included genetic manipulation of respective genes in metazoans, super resolution microscopy, and publications to demonstrate expertise in the procedures mentioned.
- Excellent written and verbal communication skills in English





Desirable but not required/ Nice to have

- Working knowledge of Spanish

Education and training

- PhD in a relevant field of study and completed within a well-established research environment

Languages

- Proficient in written and spoken English

Technical skills

- Fully fluent in techniques of molecular cell biology and super resolution microscopy

Competences

- Experimental approaches of cell biology
- Excellent organizational and time-management abilities
- A demonstrated ability to organize and contribute original ideas to scientific research.

The Offer – Working Conditions

- **Contract duration:** 3 years
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales
- **Target start date:** January 4, 2027

We provide a highly stimulating environment with state-of-the-art infrastructures, and unique professional career development opportunities. To check out our training and development portfolio, please visit our website in the [training section](#).

We offer and **promote a diverse and inclusive environment** and welcomes applicants regardless of age, disability, gender, nationality, ethnicity, religion, sexual orientation or gender identity.

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

All applications must include:

1. A motivation letter addressed to Dr Vivek Malhotra
2. A complete CV including contact details.
3. Contact details of two referees.

All applications must be addressed to Dr. Vivek Malhotra and be submitted online on the CRG Career site - <http://www.crg.eu/en/content/careers/job-opportunities>

Selection Process

- **Pre-selection:** The pre-selection process will be based on qualifications and expertise reflected on the candidates CVS. It will be merit-based.
- **Interview:** Preselected candidates will be interviewed by the Hiring Manager of the position and a selection panel if required.





- **Offer Letter:** Once the successful candidate is identified the People department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

Deadline: Please submit your application by 23/09/2026

Suggestions: The CRG believes in **ongoing improvement** and promotes a **culture of feedback**. This is one of the reasons we have in place, at your disposal as a candidate, a mechanism to gather your suggestions/complaints concerning your candidate experience in our recruitment processes. Your feedback really matters to us in our aim at creating a **positive candidate journey**. You can make a difference and help us improve by letting us know your suggestions through the [following form](#).

