



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“Research technician genetic screens (maternity leave cover)”
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

The Single Cell and Synthetic Genomics of Blood Formation lab (PI: Lars Velten) at CRG Barcelona is looking for a research technician with experience in genetic screens and primary cell work, to cover a maternity leave.

Blood formation is an essential, biomedically highly relevant, and complex process of cellular differentiation. Our group works on basic science projects on gene regulation in blood stem cells (e.g. [Frömel et al., Cell 2025](#)), and more translational projects in the context of acute myeloid leukemia (AML) and pre-leukemia (e.g. [Beneyto-Calabuig et al., Cell Stem Cell 2023](#)). A specific focus is the use of genetic screens (E.g. CRISPR screens, Perturb-Seq, MPRA) in primary hematopoietic stem cell models.

The successful candidate will cover a maternity leave. Additionally, a period for training (overlap) will be covered.

About the lab

My interdisciplinary group investigates the biology of hematopoietic stem cells using a combination of single cell genomics, genetic screens, and computational biology. We strive to develop novel genomic and bioinformatic tools to answer longstanding questions in the field. We cover two main research lines, a) Gene regulation in healthy hematopoiesis) and b) Clonal function in ageing and disease. The lab has been established in January 2020 and currently consists of seven members: Three PhD students, two postdocs and two senior technicians. We have received funding from the European Commission, the Spanish and German government, the Spanish Association Against Cancer and the European Hematology Association.

Whom would we like to hire?

Professional experience

Must Have

- You hold a Master of Science in a relevant field (molecular biology, human biology, biotechnology etc.) + at least 3 years of relevant work experience
- Or, alternatively, a PhD in a relevant field
- Familiarity with relevant methods (see below)





Desirable but not required/ Nice to have

- FELASA certification

Education and training

- Master of Science in a relevant field (molecular biology, human biology, biotechnology etc.)

Languages

- You are proficient in English
- Spanish or Catalan of advantage, but not required

Technical skills

- Primary cell culture
- Lentiviral work
- CRISPR
- Cloning
- Genomics (e.g. library preparation)
- Flow cytometry
- Mouse work

Competences

- Success-driven
- Strong communication skills
- Pro-active
- Ability to work as part of a team

The Offer – Working Conditions

- **Contract duration:** estimated 3 months transition and estimated 8 months of replacement.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** As soon as possible

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 Lars Velten.
2. A complete CV including contact details.
3. Contact details of two referees.

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

Selection Process

C/ Dr. Aiguader, 88
08003 Barcelona
Tel. +34 93 316 01 00
Fax +34 93 316 00 99
www.crg.es





- **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 **01/04/2026**

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](#).

This project has received funding from the European Union's Horizon EIC-ESMEA Pathfinder program under grant agreement No 101046620



Funded by the
European Union



HR EXCELLENCE IN RESEARCH

