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## “Single Cell Genomics - Lab Technician”

### *Centro Nacional de Análisis Genómico (CNAG-CRG)*

#### The Institute

The Centro Nacional de Análisis Genómico (CNAG-CRG) is one of the largest Genome Sequencing Centers in Europe. CNAG-CRG researchers participate in major International Genomic Initiatives such as the International Cancer Genome Consortium (ICGC), the International Human Epigenome Consortium (IHEC), the International Rare Diseases Research Consortium (IRDiRC) and the European Infrastructure for life-science information (ELIXIR), as well as in several EU-funded projects.

It is integrated with the Centre for Genomic Regulation (CRG), 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 November 2013, the Centre for Genomic Regulation (CRG) received the '[HR Excellence in Research](#)' logo 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

You will be integrated in the Single Cell Genomics Team, a highly collaborative, international work environment with well-experienced colleagues in single-cell data production and analysis. You will be responsible for sample preparation with established single-cell sequencing applications and the implementation of emerging sequencing protocols. The selected candidate will be involved in collaborative efforts with our research and clinical partners and the large-scale data production in EU funded ERC, IMI2 and H2020 projects to create cell atlases of healthy and diseased human tissues.

#### About the team

The Single Cell Genomics Team at the CNAG-CRG is dedicated to advance genome research of single cells. The mission of the group is the implementation of single-cell sequencing technologies and their application in a research and translational context. The group focuses on the systematic integration of transcriptional, genetic and epigenetic data from individual cells to elucidate causalities underlying phenotype formation. We successfully established sequencing protocols to quantify gene expression and epigenetic profiles of thousands of single cells. Our computational pipelines include methods to deconvolute tissue composition and track to transcriptional dynamics. The international team joins technical, computational and biological/clinical knowledge in order to establish and apply best practices in single-cell research. The group combines collaborative research, development activities and follows an independent research lines on translational cancer research.

Web: <http://www.cnag.cat/teams/genome-research-unit/single-cell-genomics-team>



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## Whom would we like to hire?

### Professional experience

#### Must Have

- You have experience with next-generation sequencing library preparation

#### Desirable but not required/ Nice to have

- You have background in single-cell experiments

### Languages

- You are fluent in English

### Technical skills

- You have skills in molecular and cell biology techniques
- You have knowledge in sequencing technologies

### Competences

- You have high organizational skills for large-scale production projects
- You have the ability to work in a team
- You are excellence-driven

### 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:** June 2021.

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. Holger Heyn.
2. A complete CV including contact details.
3. Contact details of two referees.



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All applications must be addressed to Dr. Holger Heyn 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 Human Resources department will send a Job Offer, specifying the start day, salary, working conditions, among other important details.

**Deadline:** Please submit your application by 15<sup>th</sup> May 2021.

**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](#).



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