



BIOMEDICAL SCIENCE FOR THE BENEFIT OF SOCIETY

“BIOINFORMATICIAN/DATA ANALYST POSITION IN THE BAUD LAB”
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 are seeking to hire a mixed profile to support two urgent, high-priority tasks in our lab, namely the upload of a vast amount of metagenomics data that our lab has generated over the last few years to the ENA (for backup and sharing) and the analysis of parental genetic effects on organismal phenotypes measured in several cohorts of outbred laboratory rats.

About the lab

The Social and Host-Microbiome Systems lab aims to expand our understanding of the genetic basis of complex traits to encompass genes found in the environment: genes of social partners and genes of the gut microbiota.

Our team is multidisciplinary, with expertise in quantitative/statistical genetics (e.g. heritability, GWAS, indirect/social genetic effects) and metagenomics (microbiome profiling using deep shotgun sequencing data, detecting horizontal transmission). We are mostly computational but have a small lab component and work in close collaboration with the CRG core units for metagenome sequencing. We have a long-standing collaboration with the NIDA Centre of Excellence for Genetics, Genomics, and Epigenetics of Substance Use Disorders in Outbred Rats (<https://ratgenes.org/>).

Whom would we like to hire?

Professional experience

Must Have

- You have experience analysing indirect genetic effects (= social genetic effects) using large-scale empirical data
- You have experience setting up Nextflow pipelines
- You have experience working in high-performance computing environments
- You have programming competence in R and/or Python

Desirable but not required/ Nice to have

- You have experience uploading data to the ENA





Education and training

- You hold a Phd in quantitative genetics or a related discipline

Languages

- You are fluent (oral & writing) in English

Technical skills

- Indirect genetic effects analysis.
- Setting up Nextflow pipelines experience
- Programming competences in R and/or Python

Competences

- Structured reasoning skills and attention to details, allowing you to carry out rigorous science
- Organizational skills to manage multitasking
- Ability to communicate effectively in meetings

The Offer – Working Conditions

- **Contract duration:** temporary contract of 6 months.
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** September 1, 2026.

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 Amelie Baud.
2. A complete CV.
3. Contact details of one referee who worked with you on indirect genetic effects.

All applications must be addressed to Dr. Amelie Baud 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 30/08/2026

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](#).

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