



The Vall d'Hebron Research Institute (VHIR) is a public sector institution that promotes and develops the research, innovation and biosanitary teaching of the Vall d'Hebron University Hospital. Through the excellence of our research, we identify and apply new solutions to the health problems of society and we contribute to spread them around the world.



HR EXCELLENCE IN RESEARCH

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This recognition proves that VHIR endorses the general principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers (**Charter & Code**).

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Bioinformatic Technician

Statistic & Bioinformatics Unit

The Statistics and Bioinformatics Unit (UEB) opens a selection process to incorporate a Bioinformatic Technician. UEB belongs to the VHIR core-facilities, where it provides support to basic and clinical researchers, mainly from the Campus Vall d'Hebron, in their research. This is done primarily through data analysis services, participation in clinical trials and data management services, and bioinformatics data analyses. The unit also offers advice and training on statistics and bioinformatics. The selected person will be responsible of the development of appropriate advice and services in bioinformatics mainly related to data derived from the Cytometry and Microscopy platforms at UAT-VHIR's core-facility. More information about UEB and UAT services can be found in the VHIR webpage.

This vacancy is awarded by the "Agencia Estatal de Investigación" and cofunded by the "Fondo Social Europeo Plus-FSE+" (MCIU/AEI/10.13039/501100011033), for a period of three years.

The position offered is ideal for someone combining high technical and scientific skills and knowledge of bioinformatic analyses with vocation for service/support and especially excellent relational skills with biomedical researchers.

JOB DESCRIPTION

Education and qualifications:

Required:

- Higher university degree in Bioinformatics, Maths, Statistics or Health Sciences or related and/or Postgraduate training in Bioinformatics (PhD, Master, etc.)
- Fluency in Spanish, Catalan and English.

Experience and knowledge:

Required:

- Experience in the bioinformatics field.
- Experience in biomedical research environments.



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- Knowledge and experience in bioinformatics tools (Unix/GNULinux, R/Rmd, Python, ImageJ/FIJI, etc).
- Knowledge and experience in systems, platforms and pipelines of 'omics' and big data processing and analysis (High-Dimensional Cytometry, Confocal Fluorescence Microscopy, scRNA-seq,...).
- Good knowledge in biostatistics.
- Excellent communication (written and oral) and relational skills.
- Ability to work in teams.

Desired:

- Having worked in an ISO Quality environment.
- Knowledge and experience in reproducible research.
- Experience with Spectral Cytometry and/or Confocal microscopy analyses.

Main responsibilities and duties:

Provide bioinformatics support to the Vall d'Hebron Campus or external research groups, including:

- Participating in start-up meeting with researchers requesting bioinformatics data analyses and understand the requirements of the study.
- Advice for the experimental design and planning of research projects involving bioinformatics.
- Execute the analysis and write the corresponding technical report.
- Deliver appropriately the results of the bioinformatics data analysis services to customers.
- Support in the communication of results when they are discussed with costumers.
- Development and improvement of in-house bioinformatics workflows and pipelines for these studies, mainly related to data derived from Cytometry and Microscopy experiments.
- Attend to and participate in UEB regular activities.
- Participating in training activities according to the UEB Training Plan.



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Labour conditions:

- Full-time position: 40h/week.
- Starting date: subjected to grant resolution favorable to the proposed candidate.
- Gross annual salary: Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale.
- Contract: temporary (3 years), submitted to the concession of a MICINN-PTA 2023 grant contract. It is mandatory not having benefited before from a similar grant nor being contracted by VHIR at the time of applying for the grant.

What can we offer?

- Incorporation to Vall d'Hebron Research Institute (VHIR), a public sector institution that promotes and develops the biomedical research, innovation and teaching at Vall d'Hebron University Hospital (HUVH), the biggest hospital of Barcelona and the largest of Catalan Institute of Health (ICS).
- A scientific environment of excellence, highly dynamic, where high-end biomedical projects are continuously developed.
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Individual training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more)
- Corporate Benefits: platform through which you can obtain significant discounts on travel, culture, technology, gastronomy, sports... among many others.
- Healthy Offering: choose from a variety of wellbeing focused activities to be the healthiest you.



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How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Bioinformatic Technician" to the following email address: seleccio@vhir.org

Deadline to apply: 14-12-2023

The Fundació Hospital Universitari Vall d'Hebron-Institut de Recerca - "VHIR"-, with NIF G-60594009, address in Barcelona -08035-Passeig Vall d'Hebron 119-129, Edifici Mediterrània, 2a planta and telephone (34) 934 89 30 00 is the data controller for the processing of your personal data. The data will be processed exclusively for the purpose of managing your participation in the selection process, as well as, if necessary, managing your participation in other selection processes.

Unless you give your informed consent to keep your personal data for future selection processes, in the event that the selection process is completed and you are not the person selected, your personal data will be deleted and blocked in order to be able to respond to any possible liabilities that may arise.

The legal basis of the processing is the execution of a contract to which the data subject is party or in order to take steps at the request of the data subject prior to entering into a contract.

The recipient of the data will be the VHIR's Professional Development personnel and no transfer of personal data is foreseen, except for the fulfilment of legal obligations applicable to the data controller. International data transfers are not foreseen. No automated decisions will be taken, including profiling. In general, personal data will not be communicated to third parties, except for legal obligations in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (GDPR) to persons who are entitled to request them. You have the rights of access, rectification, deletion, portability, limitation and opposition that can be exercised at any time through the email dpd@ticsalutsocial.cat or lopd@vhir.org. In compliance with Regulation (EU) 2016/679, the VHIR has appointed a data protection officer, whose contact details are dpd@ticsalutsocial.cat. You can also lodge a complaint with the competent Data Protection Authority by contacting www.apdcat.cat or www.aepd.es.