



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.



In April 2015, the **Vall d'Hebron Research Institute (VHIR)** obtained the recognition of the European Commission **HR Excellence**. 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)**.

Thus, there are no restrictions of gender, national origin, race, religion, sexual orientation or age and **candidates with disabilities are strongly encouraged to apply.**



Bioinformatics Technician – UEB (ISCII AES 2018)

VHIR offers a position for a bioinformatics technician within the Statistics and Bioinformatics Unit (UEB). UEB belongs to the VHIR pre-clinical core facilities, and provides support to biomedical researchers, offering them advice and analysis for different types of “omics” data, such as microarrays or next generation sequencing, among other services such as biostatistical analysis or analysis of clinical trials. In addition, UEB collaborates with other VHIR core facilities and organizes specialized training and teaching activities. It's a dynamic and stimulating working environment where you will be in contact with leading biomedical research.

More information about UEB services can be found [here](#).

JOB DESCRIPTION

We are looking for a candidate to apply for the ISCIII-AES 2018 call that will join our unit if the application is granted.

Education and qualifications:

Required:

- Minimum qualification: B.S./B.Eng. with **M.Sc/Postgraduate training in Bioinformatics**.
- **English** required.
- Working experience with, or demonstrable knowledge of, **open source bioinformatics analysis tools (R and python/perl...)** applied to genomics and high throughput omics data.
- Customer orientation and service vocation.
- High level of proactivity and good communication skills.

Desired experience and skills:

- Experience in biomedical research environments, as either researcher or technical role.
- Knowledge in data science areas such as design of experiments, machine learning, integrative multivariate analysis, network analysis and visualization, or similar topics.
- Expertise in the implementation of bioinformatics workflows and pipelines using cluster computing.
- Expertise in the development of R+Shiny web-based applications.
- Familiarity working under quality management systems (ISO9001).

Main responsibilities and duties:

Under the supervision of the Platform Manager and the Head of Unit, the selected candidate will:

- Optimize the technological resources available and take profit of the computational infrastructures offered by the Bioinformatics Platform of the UEB.
- Provide bioinformatics services to the VHIR research groups, including:
 - Advice for the experimental design and planning of research projects involving bioinformatics, and
 - Support in the communication of scientific results of these projects.
 - Analysis of bioinformatics NGS and other high throughput omics data, with
 - Development and improvement of in-house bioinformatics workflows and pipelines for these studies.
 - Design and implementation of bioinformatics web-based applications.
 - Participate in those UEB teaching activities addressed to VHIR researchers.
- Participate in the other UEB regular activities

Labor conditions:

- **Full-time position** (40 hours/week)
- **2-year contract**, conditional to the concession of an ISCIII-AES 2018 grant (MINECO; Convocatoria de Contratos de Técnicos Bioinformáticos de apoyo a la Investigación en los Institutos de Investigación en Salud, Acción Estratégica de Salud 2018, Instituto Carlos III, see more details [here](#)).
- Gross annual salary: **26.866 €** (as specified in the funding call).
- Starting date: Funding call is expected to be resolved during 2018. Incorporation will be as specified by the resolution, as soon as possible.

HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "*Bioinformatics technicianAES2018*" to the following emails: seleccio@vhir.org and ueb@vhir.org **before March, 9th 2018**.