



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.**

Clinical Database Developer (Research Support) Headache Clinical Unit

The **Headache Clinical and Research Group** is a translational research team centered on the study of migraine and other primary headaches. The understanding of migraine biology is approached by studying human and rodents in a multidisciplinary perspective: neurobiology, epigenetic and metabolomic.

The group performs competitive research in the Migraine Adaptive brain Center (MAB), which is a state-of-the-art facility to do psychophysics and electrophysiological studies and collaborates in the development of new drugs through participation in clinical trials to improve the quality of life of patients with Migraine.

In the **Headache Clinical and Research Group** at VHIR we are looking for an Informatics, Biomedical Engineer or Applied Mathematician to develop a robust database and provide statistical and analytical support for our clinical research studies in Headache. More information about our group can be found [here](#).

JOB DESCRIPTION

Education and qualifications:

Required:

- Bachelor's degree in life sciences, computer science or equivalent work experience required.

Desired:

- Previous experience developing data collection modules or other clinical database systems is required.
- Knowledge and understanding of clinical development, FDA regulations, and Good Clinical Practices.

Experience and knowledge:

Required:

- Proficiency in understanding software programming code, especially SQL dataset operations involving complex joins and record merges.
- Proficiency in programming skills (languages; Matlab, R, Python,...)
- Experience with relational data modeling techniques.
- Experience with enterprise reporting applications preferred.
- English language (minimum B2).

Desired:

- Knowledge of medical databases.
- Advanced knowledge on mathematical and statistical modeling.
- Multi-skilled person with initiative and able to work in work teams.

Main responsibilities and duties:

- Build, maintain, and deploy study databases to collect clinical trial data, including custom system configurations and integrations.
- Collaborate with Research Team to define system specifications, workflow, and documentation practices.
- Analyze complex electronic case report form requests to determine feasibility for incorporation within clinical studies.
- Support and/or lead data reporting activities by gathering user requirements, developing report specifications, and implementing both standardized and ad-hoc reports.
- Provide user administration and operational support, including user and security management.
- Research support.

Labour conditions:

- Full-time position (40h/week).
- Starting date: 23th November 2020.
- Length of the contract: 6 month period renewable.
- Gross annual salary according to professional category by VHIR: 22.823,22 €

What can we offer?

- Skillful and social colleagues in a dynamic environment.
- Challenging tasks and a wide range of responsibilities.
- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).
- Annual teambuilding events.

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "INFORMATIC, BIOMEDICAL ENGINEER OR MATHEMATICS – HEADACHE UNIT to the following email addresses: patricia.pozo@vhir.org and seleccio@vhir.org before 23th November 2020