



## The Vall d'Hebron Institute of Oncology (VHIO) Seeks a “Bioinformatician”

**Reference:** 13/2020

**Application deadline:** 31/08/2020

**Number of vacancies:** 1

### Job description:

We are looking for an outstanding bioinformatician to join the newly formed bioinformatic support unit at VHIO at full time contract. The scope of the work will be mostly linked to processing and analysis of omics data related to cancer diseases. The role will also imply programming, statistical analysis, and optionally research and teaching. Successful applicants must be able to work independently across multiple projects in a dynamic environment.

### Requirements:

- Degree in bioinformatics, computer science, computational biology or similar.
- Experience of at least 2-3 years (preferably in academic environments).
- Experience processing and analyzing omics data (most preferably WES, WGS RNA-seq and scRNA-seq).
- Experience using and administrating GNU/Linux systems.
- Fluent in R and/or Python, other programming languages will also be favored.
- Experience working with and creating open source code and notebooks.
- Proficiency in English is a must

### Additional information:

We are looking a person fast-learner and who enjoy taking on challenges and learning new things.

- Knowledge of cancer genomics/transcriptomics is a plus.
- Knowledge of statistical modelling and/or machine learning is a plus.
- PhD in bioinformatics or any related field (i.e. computational biology) is a plus.



HR EXCELLENCE IN RESEARCH

Vall d'Hebron Institute Oncology (VHIO) endorses the Requirements and Principles of the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers promoted by the European Commission and follows Equal Opportunities policies.

On 10th April 2018 VHIO was awarded the “HR Excellence in Research” logo. Our Institute was consequently granted permission to use the HR Excellence in Research Award logo as demonstration of its stimulating and favourable work environment in line with the Charter & Code.

- Experience with Nextflow or similar workflow managers is a plus.
- Experience with Amazon AWS or similar cloud providers is a plus.
- Proficiency in Spanish is a plus.

Salary conditions according to experience and profile.

**Application:** Candidates must submit a curriculum vitae and letter of intent via email: [selecciorrh@vhio.net](mailto:selecciorrh@vhio.net), including the reference number 13/2020.

#### About VHIO:

Under the leadership of Josep Tabernero, the Vall d'Hebron Institute of Oncology (VHIO), has established itself as a comprehensive cancer center of proven excellence internationally. It is also thanks to VHIO's optimal organizational structure based on a purely multidisciplinary and translational model that VHIO talents continue to anticipate and tackle the many unresolved questions in combatting this multifaceted and heterogeneous disease.

Located within the Vall d'Hebron Barcelona Hospital Campus, our researchers closely collaborate and interact with Vall d'Hebron physician-scientists. Translational science and clinical research are therefore tightly connected which promotes superb interaction and teamwork which, in turn, accelerates the bench-bedside-bed cycle of knowledge. This privileged environment affords VHIO direct access to patients as well as the entire spectrum of oncology professionals who care for them, and a second-to-none appreciation of how cancer science can translate into more powerful, targeted treatments and better practice for the care of patients. VHIO's pioneering model and programs, coupled with its belief in combining strengths through cross-border collaborations, continue to spur advances in reversing cancer resistance, halting metastatic spread, and more effectively treating even the most undruggable tumor types.

**VHIO's translation toward precision oncology:** <http://www.vhio.net>



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