The Vall d´Hebron Institute of Oncology (VHIO) Seeks a "Bioinformatician"

Reference: Ref. 41-2022

Application deadline: 31/08/2022

Number of vacancies: 1

Job description:

VHIO has been awarded as a Center of Excellence Severo Ochoa, granted within the subprogram of the Spanish Institutional Strengthening of the State Plan for Scientific and Technical Research & Innovation, recognizes national research centers that demonstrate scientific leadership of excellence and impact at global level. The aid has been funded by the State Agency for Research (Agencia Estatal de Investigación) (CEX2020-001024-S / AEI / 10.13039 / 501100011033)

The Vall d'Hebron Institute of Oncology (VHIO) is seeking an organized, motivated, and team-oriented bioinformatician to join the recently created bioinformatics support unit. The unit is composed of three bioinformaticians and several Master's degree students. The role will involve working as part of the team to support the research groups by developing and applying pipelines to analyze several types of Omics data. In addition, the candidate will be expected to be comfortable communicating directly with scientific researchers regarding data analysis requirements. The candidate must have previous experience in Omics data analysis and with the desire to work in a dynamic environment. This position is ideal for fast-learner candidates who enjoy taking on challenges, learning new things and have good communication skills.

Requirements:

-   Degree in bioinformatics or postgraduate studies in bioinformatics, computational biology or similar.
-   Experience of at least 2 years (preferably in academic environments).
-   Experience processing and analyzing omics data (WES, WGS, RNA-seq scRNA-seq, ChIP-seq, etc.).
-   Fluent in R, Python and Bash (GNU/Linux) scripting. Other programming languages will also be positively valued.
-   Experience in version control programming (e.g. Git) and hosting (e.g. GitHub).
-   Experience in high-performance computing environments (e.g. Slurm).
-   Experience in container systems (e.g. Docker or Singularity) is a plus.
-   Experience in Nextflow or similar workflow managers is a plus.
-   Experience with Amazon AWS or similar cloud providers is a plus.
-   Statistical modelling, machine learning and deep-learning knowledge is a plus.

The candidate is expected to have good English communication skills, both oral and written.
Salary conditions according to experience and profile

Application:

Applicants should send a full Curriculum Vitae and a cover letter to selecciorrhh@vhio.net including the reference "Ref. 41-2022" in the subject line of your email.
Please also attach a letter of recommendation to your application.

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