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

Reference: Ref. 2024-029-01

Application deadline: 15/05/2024

Number of vacancies: 1

Job description:

The Vall d´Hebron Institute of Oncology´s (VHIO) IT department is seeking a data steward to help the team design and manage databases, perform database integrations between different platforms and define data management plans for investigational projects.

Once the applicant has gained enough experience and valuable organization knowledge the main goal will be to document and lead the definition of the data policies both internal and external form the organization, always focused on team and organization alignment. The role involves close collaboration with research teams, data scientists, IT professionals, and external partners to implement effective data governance and management practices aligned with the FAIR principles.

Applicants must have a degree in Data Engineering, Software Engineering or Computer Science, and those with degrees or master degrees in Biomedical Engineering, Bioinformatics, or other related fields will be considered if they have proven experience in programming, data management and database integrations.

We seek:

The ideal candidate should be a self-motivated learner, committed to staying updated on the latest systems and coding developments. They should strive for autonomy while maintaining strong teamwork skills. Candidates should have a growth mindset, be open to feedback, and demonstrate strong communication skills to ensure effective collaboration and information sharing.

The selected candidate will have the opportunity to work in a dynamic and challenging environment with cutting-edge technologies and to contribute to the development of innovative solutions for oncology research.

Responsibilities:
- Data quality, ETL, Data Integration and Data Management Plans.
- Analyze, design and develop new and existing database models, tools and occasionally web applications for clinical research.

- Provide ongoing maintenance, support and enhancements in existing systems and platforms database related.
- Provide guidance and support to research teams in data documentation, annotation, and metadata management.
- Develop and enforce data governance policies that adhere to the FAIR principles, ensuring data is well-organized, documented, and compliant with ethical and legal standards.
- Facilitate data sharing and access control within the organization, ensuring compliance with ethical and legal standards.

Requirements:

- Degree in Software Engineering or Computer science is essential. Applicants with degrees or master degrees in biomedical engineering, bioinformatics or other related fields will be considered as long as they can prove experience in programming and software development.
- Excellent communication, organizational, and analytical skills, with the ability to foster a culture of data excellence and collaboration.
- Fluent technical communication skills in English.

Additional information:

Desired:

- Experience in modern programming object-oriented languages, desired Python and R.
- Experience with relational databases and SQL.
- Experience working within ETL and Data Integration and infrastructure automation technologies like Docker.
- Demonstrated experience in data management, stewardship, or governance, with a strong preference for candidates who have applied the FAIR principles in a scientific research or healthcare setting.
- Demonstrated experience in managing data for scientific research, ensuring compliance with publication requirements and data repositories.
- Experience with API integrations.
- Experience with Data Management Plans and Data Protection Methods.

Conditions:

- Full-time position: 40h/week
- Starting date: immediate

- Gross annual salary will depend on experience and skills. and always guaranteeing the minimum remuneration established in the VHIO collective agreement for each professional category.
- Contract: permanent linked to project

What can we offer?

- Incorporation to Vall d'Hebron Institute of Oncology (VHIO).
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Personal training opportunities.
- Flexible working hours.
- Teleworking (part-time) according to VHIOs collective agreement
- 23 days of holidays + 5 personal days
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more)
- Access to VHIO's personal development and training plan.
- Being part of a center that is constantly developing, highly competitive, seeking excellence in research and collaborating with leading teams.
- We offer and promote a diverse and inclusive environment and welcome all people equally, regardless of age, disability, gender, nationality, race, religion, or sexual orientation.

This role involves working closely with all groups at VHIO from preclinical to clinical and includes occasional collaboration with data from VH hospital and Campus.

Application:

Potential candidates should submit a curriculum vitae and a letter of intent via email to secciorrhh@vhio.net, including the reference "Ref. 2024-029-01" in the subject line of your email.

Review of applications will commence immediately.

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