

The Vall d'Hebron Institute of Oncology (VHIO) Seeks a “Research Technician: Prostate Cancer PDX models and In-Vivo experiments”

Reference: 2024-55-01

Application deadline: 05.10.2024

Number of vacancies: 1

Job description:

The Prostate Cancer Translational Research Group is seeking a Research Technician to join our lab.

Our group mission is to improve advanced prostate cancer management through a better understanding of tumour response and resistance mechanisms and by correlating clinical and molecular data to advanced towards a more precise patient care. Our multidisciplinary team is composed by biomedical scientists, bioinformaticians, medical oncologists and clinical data specialists. Over the last few years, our team has established a collection of patient-derived xenograft models from patient tumor biopsies, that we now use for in-vivo experiments studying mechanisms of tumor sensitivity and resistance to different therapeutic approaches for prostate cancer.

Find more about our research here: <https://www.vhio.net/prostate-cancer-translational-research-group/>

The successful candidate will form an integral part of our group. The position will include support for scientific training when required and opportunities to participate and lead new projects.

- Maintenance and expansion of our cohort of patient-derived xenograft (PDX) and cell-line derived xenograft prostate cancer mice models.
- The candidate will be required to design mouse surgeries, implanting human tumors or cells lines into mice (subcutaneous and ortotopically), monitor them and conduct sequential passages
- The successful candidate will perform in vivo experiments and cellular biology techniques to support projects of the lab as well as projects in collaboration with pharmaceutical companies testing new drugs in our in vivo models.
- Research activities may include (but are not limited to) in vivo drug administration (oral gavage, ip administration), other minor surgeries (orchiectomy) and tissue processing.



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.

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- The candidate will also be involved in the histological and genomics characterization of all generated patient-derived models in collaboration with other group members.
- The candidate must be committed to learning new techniques and concepts and to contribute with new ideas on topics related to the lab's research goals.

Requirements:

What do we need?

- Prior experience working with laboratory mouse models in the field of cancer research
- Full accreditation for working with mice models in Spain.
- We required a very organized, pro-active, team-oriented individual able to coordinate and perform multiple tasks.

Additional information:

What we offer?

- The possibility of developing your professional career in a competitive environment.
- To be part of a centre that is constantly developing, pursuing 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.

Working conditions:

- Full-time position.
- Salary will be estimated according to profile and experience.
- Start date: Octobre 2024
- Flexible working hours and measures to reconcile work, family, personal life and gender equality, as stipulated in the VHIO agreement.
- Flexible remuneration programme (including restaurant vouchers, medical insurance, transport and childcare vouchers).
- 23 days of holiday and 5 days of free disposal.
- Access to VHIO's personal development and training plan.



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Application:

Potential candidates should submit a curriculum vitae, a cover letter, and the contact information of at least one reference addressed to selecciorrh@vhio.net including the reference "Ref. 2024-55-01" in the subject line of their email. Review of applications will commence immediately; interviews will be arranged with short-listed candidates.

About VHIO:

Under the leadership of Josep Taberero, 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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