



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.



HR EXCELLENCE IN RESEARCH

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**).

**VHIR embraces Equality and Diversity. As reflected in our values we work toward ensuring inclusion and equal opportunity in recruitment, hiring, training, and management for all staff within the organization, regardless of gender, civil status, family status, sexual orientation, religion, age, disability or race.**

## Support Technician for the UAT Microscopy Platform High Technology Unit (UAT)

VHIR offers a position for a specialized technician within the High Technology Unit (UAT). UAT belongs to the VHIR pre-clinical core-facilities, providing highly specialized equipment along with scientific and technical expertise to assist researchers in experimental design and data analysis. UAT portfolio comprises Cytometry, Microscopy, Genomics, Metabolomics and Molecular Diagnosis services. In addition, UAT collaborates with other VHIR core-facilities and organizes specialized training and teaching activities. More information about UAT services can be found in the VHIR webpage.

This vacancy is funded by the European Union-NextGenerationEU for a period of two years. The project establishes the following requirements in terms of the profile of the candidates:

- The candidate must be between 16 and 29 years old.
- The candidate must be unemployed and registered as a job seeker (Sistema d'Ocupació de Catalunya) at the time of recruitment.
- The candidate must not have carried out any type of research activity at VHIR in the 6 months immediately prior to the start of the contract.

### JOB DESCRIPTION

#### Education and qualifications:

##### Required:

- University Degree in Life Sciences.
- Good communication skills.
- Fluid written and spoken Catalan, Spanish and English.

#### Experience and knowledge:

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- Theoretical knowledge of microscopy basic principles.
- Demonstrable experience in cell culture, protocols and sample preparation techniques used in optical microscopy.
- Experience (user's level) in the use of widefield and confocal microscopes.
- Customer orientation and team-work skills.
- Proactive, rigorous, organized person, committed to the tasks required by the position.

#### Desired:

- A Master's Degree or PhD related to biomedical research, where practical work related to microscopy has been developed.
- Experience in acquisition and image analysis software (ImageJ/ Fiji, Imaris, etc);
- Knowledge/experience working under a quality management systems/experience working under a quality management system (preferably ISO9001:2015, other quality systems will be also valued).

#### Main responsibilities and duties:

- To advise users on sample preparation and experimental design, as well as to support users in image analysis and interpretation.
- During technician-assisted services, to establish the proper settings and to handle image capture and processing, including further data management and transference of results to users.
- To develop new protocols and applications, as required by service's users.
- To plan and to perform microscopes regular maintenance and to manage breakdowns.
- To write technical documentation (standard operating procedures, instructions for use of the UAT equipment, etc)

#### Other responsibilities will be:

- To attend the training activities required to properly perform the assigned services;
- To support other UAT Platforms services, when needed,
- To carry out the administrative and general operating tasks required for the general functioning of the UAT services, for example service request management, purchasing and maintaining stocks of reagents, provide information about microscopy services to the Head of Unit when required,

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- To work under the quality management system ISO9001:2015 established as a standard in the UAT,
- To participate in UAT/VHIR teaching or educational activities.

### Labour conditions:

- Full-time position: 40h/week.
- Starting date: immediate
- Gross annual salary: 24.968,33 €
- Contract: 2 years, linked to the funds of the project

### What can we offer?

- Incorporation to Vall d'Hebron Research Institute (VHIR), a public sector institution that promotes and develops the biomedical research, innovation and teaching at Vall d'Hebron University Hospital (HUVH), the biggest hospital of Barcelona and the largest of Catalan Institute of Health (ICS).
- A scientific environment of excellence, highly dynamic, where high-end biomedical projects are continuously developed.
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).

### How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "YO Investigo\_UAT\_Microscopy" to the following email address: [seleccio@vhir.org](mailto:seleccio@vhir.org)

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