



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 in **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, nationality, religion, age, disability or race.**

## Predocctoral student

### Respiratory Viruses Unit - Microbiology Department

The Respiratory Viruses Unit is seeking for a highly motivated PhD candidate interested in studying the epidemiology and molecular characterization of diverse respiratory viruses such as influenza viruses, human respiratory syncytial virus or human enterovirus, among others.

#### JOB DESCRIPTION

##### Education and qualifications:

##### Required:

- Degree in Biology, Human biology, Biotechnology, Biomedicine or similar.
- Master in Microbiology, Virology or similar.
- Fluency in Catalan, Spanish and English (business level, accreditation would be an asset)

##### Experience and knowledge:

##### Required:

- Experience in a microbiology laboratory using molecular techniques and others (nucleic acids extraction, end-point PCR, real time PCR, Sanger sequencing, Next-Generation sequencing, bioinformatics analyses, cell culture isolation, immunoassays, etc.).
- Experience in using bioinformatic tools for sequence analyses and interpretation of NGS results (mutations, variant calling, phylogenetic trees, etc.)
- Knowledge of viral respiratory agents and pathogenesis.
- Laboratory management skills (analytical, organizational and time management).
- Good computer skills (MS Office).



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- High motivation, initiative, proactivity, responsibility, organization and team work abilities.

#### Desired:

- Previous experience in genetic and/or phenotypic characterization of respiratory viruses.
- Good communication and social skills.
- Willingness to learn new skills.

#### Main responsibilities and duties:

- Execution of a PhD project within a three-year period (start: October 2022, end: September 2025).
- Enrollment at the PhD program in Microbiology of the Universitat Autònoma de Barcelona (UAB).
- The candidate will carry out project design, experimental work, result analysis and result publications in the context of a research group on respiratory viruses.
- Participation in national and international meetings and congresses, presenting at least two abstracts per year.
- Preparation and publication of manuscripts specific of the PhD project, at least one per year.
- Collaboration in other projects of the research group.

#### Labour conditions:

- Full-time position: 40h/week.
- Starting date: immediate.
- Gross annual salary: 17 000 euros
- Contract: Predoctoral

#### 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).



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- 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 “RV-PhD candidate” to the following email addresses: [virusrespiratoris@vhebron.net](mailto:virusrespiratoris@vhebron.net) and [seleccio@vhir.org](mailto:seleccio@vhir.org)



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