



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.

Postdoctoral Researcher

Microbiology Research Group

VHIR offers vacancy/vacant position a Postdoctoral Researcher position within the [Microbiology Research Group](#) and the [Shock, Organ Dysfunction and Resuscitation Group](#).

The Research Group of Microbiology at Vall d'Hebron Research Institute (VHIR) focuses on the study of the microbiology aspects involved in the infectious diseases aimed at improving developing basic, translational and clinical research that could improve the outcomes of patients with infectious diseases. We work with special interest in studying the mechanisms involved in antimicrobial resistance, the sexually transmitted infectious diseases, the study of viral and fungal infection in immunocompromised patients, the microbial mechanisms involved in pathogenicity, microbial epidemiology as well as in the design and evaluation of new molecular infectious disease diagnostic systems. More information about the Microbiology Research Group can be found [here](#).

The Shock, Organ Dysfunction and Resuscitation Research Group (SODIR) at Vall d' Hebron Research Institute (VHIR) has as an objective the research into the pathophysiology of systemic inflammatory response induced by infection and the study of biomarkers, analysis of factors related to the development of multiple organ dysfunction and outcome of severe sepsis, development of early mortality prediction scales in severe sepsis, application of artificial intelligence in the management of severe sepsis and develop intelligent alarms in critically ill patients, especially in severe sepsis, septic shock and multiple organ dysfunction. More information about the Shock, Organ Dysfunction and Resuscitation Research Group can be found [here](#).

JOB DESCRIPTION

Education and qualifications:

Required:

- PhD in Life Sciences and Health.
- Good communication skills and fluency in spoken and written English (minimum level in English: C)



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- Good publications and projects participation records
- The candidate must be proficient in the preparation of manuscripts for publication in peer-reviewed international scientific journals
- Proactive, dynamic and outstanding organizational skills are required

Experience and knowledge:

Required:

- Experience of more than 3 years in clinical microbiology
- Experience on international project management and project applications
- Strong background in clinical microbiology, molecular biology, antimicrobial resistance and sepsis
- Proven experience in data management, databases maintenance and statistics
- Knowledge on bioinformatics (computing programming skills)

Main responsibilities and duties:

- Participation in the coordination and development of the research project “Nanophotonic biosensors for the diagnosis and clinical management of bacterial infections at the point of care- PHITBAC-”
- Project Management, Project Applications
- Writing scientific reports and papers
- Attending projects meetings and scientific conferences, and in outreach activities within the PHITBAC project
- Support the researchers of the project.

Labour conditions:

- Full-time/Part-time position: 40h/week.
- Starting date: immediate
- Gross Annual Salary 24.785,40 Remuneration will depend on experience and skills. Salary ranges are consistent with our Collective Agreement pay scale
- Contract: *temporary linked to project*



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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 **PhD CV PHITBAC 2022** to the following email addresses: (seleccion.microbiologia@gmail.com) and (seleccio@vhir.org) before 8th May 2021