



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.



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)**.

Thus, there are no restrictions of gender, national origin, race, religion, sexual orientation or age and **candidates with disabilities are strongly encouraged to apply.**



Medical Doctor

Microbiology Research Group and the Shock, Organ Dysfunction and Resuscitation Research Group

VHIR offers a vacant position for a medical doctor within the Microbiology Research Group and the Shock, Organ Dysfunction and Resuscitation Group. The researcher will participate in the development of the European project “Scalable, point-of-care and label free microarray platform for rapid detection of Sepsis ([RAIS](#))”.

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:

- M.D. Degree, specialist in intensive care.
- Good communication skills and fluency in spoken and written English (minimum level in English: C)
- 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.

Preferred:

- Strong background in immunology, infectious diseases and sepsis.
- Experience in managing national and international projects.

Experience and knowledge:

- Proven experience in data management, databases maintenance and statistics.
- Experience in managing national and international projects.

Main responsibilities and duties:

- Maintenance and up-to-date of clinical databases of patients with sepsis.
- Participation in developing, writing scientific reports and papers, attending project meetings and scientific conferences, and in outreach activities within the project.
- Support the researchers of the project.

Labour conditions:

- Part-time position (20h / week).
- Contract length: 12 months.
- Gross annual salary: 14,500 €
- Starts date is expected for 1st June 2016.

HOW TO APPLY

Applicants should submit a full Curriculum Vitae and a cover letter with the reference **MD CV RAIS Project** to the following email addresses: (jjgonzal@vhebron.net) and (seleccio@vhir.org) before 27th May 2016.