



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.**

## Predoxal Researcher Pneumology Research Group

The Pneumology group is looking for a predoctoral candidate to work in the lung transplant program. The group comprises clinicians and scientists being one of their main goals to bring the benefits of the scientific research undertaken to improve lung transplant patients survival and to develop individualized immunosuppressive regimens to decrease toxicity and side-effects of immunosuppressive therapy.

In this particular The Group of Research in Pneumology offers a contract to work on the project entitled: "Diagnostic value of IFN- $\gamma$  ELISPOT in cytomegalovirus infection and the association of this with the degree of immunosuppression measured by the genetic expression of NFAT". The main objective is to assess the diagnostic value of the determination of the CMV-specific cellular response to predict the risk of CMV infection and the association of this infection with the degree of immunosuppression by NFAT-RE in R+ lung transplanted patients.

VHIR offers vacant position for a PREDOCTORAL RESEARCHER within the Pneumology Research Group. More information can be found here:

<http://www.vhir.org/portal1/grup-equip2.asp?t=pneumologia&s=recerca&contentid=187035>

### JOB DESCRIPTION

#### Education and qualifications:

##### Required:

- The candidate has to possess a degree in Biochemistry, Biology, Biotechnology or a related discipline.
- The candidate must have finished a Master's Degree course or equivalent necessary to study a doctorate.
- Having obtained an average grade of academic record equal to or higher than 6.5.
- Not holding the title of doctor.

#### Experience and knowledge:

##### Required:

- Experience in molecular biology.

**Desired:**

- Experience in gene expression analysis.
- Experience in cell culture.
- Organised and methodical person with high motivation and initiative.
- The candidate must have skills to work in team environment and independently.

**Main responsibilities and duties:**

- To develop and maintain a database
- To process biological samples
- To culture blood cells
- To perform gene expression analysis by RT-qPCR
- To analyze data
- To write manuscripts with the data generated

**Labour conditions:**

- Full-time position (40h/week).
- Starting date: 2nd September 2019.
- Length of the contract: 1 year with possibility of extension
- Gross annual salary: 16,500 euros.

**How to apply:**

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Pneumology predoc researcher" to the following email addresses: [susana.go@vhir.org](mailto:susana.go@vhir.org) and [seleccio@vhir.org](mailto:seleccio@vhir.org) before 26<sup>th</sup> July.