



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.**

## Laboratory Technician - Nephrology

VHIR seeks a vacant position for a Laboratory Technician within the Group of Nephrology. More information about our group Nephrology can be found here: <http://www.vhir.org/portal1/grup-equip.asp?t=nefrologia&s=recerca&contentid=186797>

### JOB DESCRIPTION

#### Education and qualifications:

##### Required:

- Technical degree (FP II or similar) or BsC in the field of biosciences..
- Languages: Catalan, English and Spanish.
- Technical skills: Knowledge in purification of peripheral blood lymphocytes. Computer skills for database generation.
- Personal skills: teamwork, good predisposition to work and with initiative.

##### Se valorará

- Previous experience and the technical skills described in the previous section. The ability to work as part of a team and the responsibility and capacity to commit to the work performed will also be valued.
- Studies, courses or skills required: Knowledge in data generation programs.
- Valued languages: A good command of English would be an asset.

#### Experience and knowledge:

##### Desired:

- Experience in sample processing and cell culture

#### Main responsibilities and duties:

- Processing of blood samples to obtain PBMC (peripheral blood mononuclear cells).
- Phenotypic description by flow cytometry of the different cell populations.
- Functional characterization studies with the ELISPOT IFN- $\gamma$  and ELISPOT B technique
- Evaluation of the presence of IgG and IgM antibodies against SARS-CoV-2 by ELISA test in the supernatant of polyclonally activated and in vitro expanded memory B cells and in serum.
- Determination of the clonal repertoire and allogeneic cross-reactivity of SARS-CoV-2 specific T cells against a broad panel of HLA antigens, for the evaluation of their potential immunogenic alloreactivity.

- Generation of databases for statistical analysis.
- Others: learning and performing all the techniques routinely performed in the Nephrology and Transplantation laboratory.

### Labour conditions:

- Temporary full-time position (40h)
- Contract length: until 29/04/2021
- Gross annual salary: 22.125,12€
- Starting date: Immediately

### What can we offer?

- Skillful and social colleagues in a dynamic environment.
- Challenging tasks and a wide range of responsibilities
- Personal training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).
- Annual teambuilding events.

### How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference CV's #Tec.Lab\_40\_Nefrologia, to the following email addresses ([seleccio@vhir.org](mailto:seleccio@vhir.org)) .