



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.**

Pre-doctoral Researcher - Nephrology

VHIR seeks a vacant position for a Predoctoral Researcher 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:

- Degree in Biology or Biotechnology and master's degree in translational biomedical research.
- Languages: Spanish, Catalan, basic command of English.
- Technical skills: animal surgery.
- Personal skills: teamwork, initiative will be assets.

Desired:

- Training course for research personnel using experimental animals (FELASA B) and experience in the tasks described will be valued.

Experience and knowledge:

Desired:

- Experience in the processing of biological samples and in the handling of experimental animals is required.

Main responsibilities and duties:

The candidate will develop the doctoral thesis on the role of the immune response of humoral memory in the immune response after renal transplantation.

Specifically, the candidate will be responsible for assessing the impact on the different lymphoid compartments or organs of immunological sensitization through the performance of skin transplantation in a dead experimental model, and the ability of different immunosuppressive/immunomodulatory treatments to control the memory response and thus being able to receive a renal transplant.

In parallel, the applicant will characterize the immune memory response in highly sensitized kidney transplant patients using different immunological methods such as flow cytometry, ELISpot T and ELISpot B and molecular methods such as gene arrays and real time PCR.

Labour conditions:

- Temporary full-time position (40h)
- Contract length: until 31/08/2021
- Gross annual salary: 17.668,35 €
- 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 #InvPredc_Nefrologia, to the following email addresses (seleccio@vhir.org) .