



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.**

Lab Technician

Ophthalmology - Pharmacokinetic Nanoparticles

Vall d'Hebron Research Institute (VHIR) is a public sector institution, located in Barcelona (Spain) that promotes and develops innovative biomedical research at the University Hospital Vall d'Hebron. VHIR is oriented towards finding solutions to the health problems of the citizens and has the will to contribute to the scientific, educational, social and economic development within its area of competence around the world.

VHIR offers vacancy/vacant position for a Lab Technician within the Ophthalmology Group and the Pharmacokinetic Nanoparticles Group. More information about our groups can be found here

<http://www.vhir.org/portal1/grup-equip.asp?t=oftalmologia&s=recerca&contentid=186821>

<http://www.vhir.org/portal1/grup-presentacio.asp?s=recerca&contentid=186992&idrefer=186993>

JOB DESCRIPTION

Education and qualifications:

Required:

- Laboratory FP or higher
- Training qualification as a user of experimental animals
- Knowledge in chemistry (inorganic and analytical)

Experience and knowledge:

Required:

- Previous experience in lab techniques such as PCR, Western Blot, Immunohistochemistry etc.
- Cell culture experience
- Rats and mice handling, treatment administration and euthanasia
- Administration of Nanoparticles

Main responsibilities and duties:

- Participate in the different experimental areas of the project “Determination of conditions for the use of antioxidant cerium oxide nanoparticles in the treatment of human retinal degeneration” in both labs: Ophthalmology lab. and Pharmacokinetic Nanoparticles lab.
- Give support to *in vivo* experiments (animal treatment, weight control, euthanasia, etc.)
- Preparation of CeO₂ formulations, NPs administration and NP analysis after *in vivo* and *in vitro* distribution (microscopies and mass spectroscopies).

Labour conditions:

- 40h/week (full-time)
- Gross annual salary: **18.180,00 €**
- Contract length: 1 year (renewable).

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference “**LabTech**” to the following email addresses:

anna.salas@vhir.org, victor.puntes@vhir.org and seleccio@vhir.org. before Oct-22