



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.



HR EXCELLENCE IN RESEARCH

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**).

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## Postdoctoral Researcher

### Reumatología (Laboratory of Chronic Fatigue)

More information about our group can be found here: <https://vhir.vallhebron.com/es/investigacion/reumatologia>

VHIR offers a vacancy in the Chronic Fatigue lab (Unit of Rheumatology Research) led by Dr. Jesus Castro. The research is focused on the study of underlying pathophysiological mechanisms and disturbed molecular pathways in post-viral fatigue syndromes such as Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) and Post-COVID syndrome (aka Long COVID), with PI19/00629 and financed by Instituto de Salud Carlos III (ISCIII) and co-financed by FEDER and by the European Union.

Our aims to apply multiple assay techniques on human biosamples based on the proposed disease hypotheses (viral RNA/protein persistence, autonomic dysfunction, systemic inflammation and autoimmunity). See our newest paper published at <https://www.mdpi.com/1422-0067/24/5/4835>

#### JOB DESCRIPTION

##### Education and qualifications:

##### Required:

- PhD in Biochemistry, Biology, Biomedicine or similar disciplines.
- Expertise in lab assays/research with human biosamples
- Bringing expertise from clinical trials
- Fluency in English (both written and spoken)

##### Desired:

- Papers published in the last 5 years



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## Experience and knowledge:

### Required:

- At least 3 years of experience working in non-communicable and infectious diseases (Post-viral syndrome)
- Knowledge of molecular and cellular immunology in post-viral syndromes
- Ability and strong background in cellular and molecular immunology assays (i.e. flow cytometry and disease immunophenotyping)

### Desired:

- Knowledge of ME/CFS and Long COVID as chronic post-viral syndromes

## Main responsibilities and duties:

- Co-lead a research study aimed to identify molecular biomarkers in ME/CFS and Long COVID
- Give support in/to biosamples analyses and interpretation of results
- Preparation of manuscripts on the topic.
- Collaborate with the clinical / research team and other lab members

## Labour conditions:

- Full-time/Part-time position: 40h/week.
- Starting date: immediate
- Gross annual salary: 19.530,91 euros
- Contract: permanent linked to project



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## What can we offer?

- Incorporation to Vall d'Hebron Research Institute (VHIR), a public sector institution that promotes and develops the biomedical research, innovation and teaching at Vall d'Hebron University Hospital (HUVH), the biggest hospital of Barcelona and the largest of Catalan Institute of Health (ICS).
- A scientific environment of excellence, highly dynamic, where high-end biomedical projects are continuously developed.
- Continuous learning and a wide range of responsibilities within a stimulating work environment.
- Individual training opportunities.
- Flexible working hours.
- 23 days of holidays + 9 personal days.
- Flexible Remuneration Program (including dining checks, health insurance, transportation and more).

## How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "Fatigue researcher" to the following email addresses: [jesus.castro@vhir.org](mailto:jesus.castro@vhir.org) and [seleccio@vhir.org](mailto:seleccio@vhir.org)