

Research Technician (REF: 2018/24)

Research Description

Acute myeloid leukemia (AML) is a blood cancer, characterized by the rapid growth of abnormal white blood cells that accumulate in the bone marrow and interfere with normal hematopoiesis. Although, remission rates with standard induction chemotherapy in patients with AML range from 50-85% the majority of patients will relapse and succumb to the disease within 5 years. As such, survival rates for the majority of patients with AML have not dramatically changed over the last decades and new therapeutic approaches are required for remission induction and prevention of relapse. Leukemia stem cells (LSC) are the cell population within the tumor thought to be responsible for the initiation, maintenance and relapse of the leukemia. Therefore, development of specific therapies targeted at LSCs holds hope for improvement of survival and quality of life of leukemia patients. The laboratory is currently developing a new family of compounds with a very promising anti-leukemia effect under the CaixaImpulse program <https://www.caixaimpulse.com/en/projects/-/caixaimpulse/project/49064>

Main Responsibilities:

- ▶ Perform the preclinical assays in vitro, ex vivo and in vivo involved in the Project

Requirements:

- ▶ BSc in Life Science (Grado/Licenciatura en Ciencias Biomédicas/Salud –Biología, Bioquímica o similar-)
- ▶ MSc in Life Science
- ▶ Good level of English
- ▶ Animal Experimentation Habilitation
- ▶ Hands-on experience with tissue culture (hematopoietic cells)
- ▶ Hands-on experience with cytometry
- ▶ Understanding of pre-clinical assays

What we offer

- ▶ 8-month full-time contract
- ▶ Incorporation in a young and dynamic environment
- ▶ Cutting-edge research institute

For more information:

Please also visit http://http://www.carrerasresearch.org/en/Leukemia_Stem_Cell_Group and <https://www.caixaimpulse.com/en/projects/-/caixaimpulse/project/49064>

How to apply:

Interested applicants should send their CV and a motivation letter:
rrhh@carrerasresearch.org cc'ing risueno@carrerasresearch.org.

PLEASE PUT THE REFERENCE in the subject of the mail or your application may not reach the right person.

Deadline for applications: 18/02/2018

Josep Carreras Leukaemia Research Institute (IJC)

The mission of the IJC is to carry out research into the basic, epidemiological, preventive, clinical and translational aspects of leukemia and other hematologic malignancies.

The laboratories of the institute are on three campuses: the ICO-Germans Trias Campus on the Can Ruti Campus in Badalona; the Clinic-UB Campus in the University of Barcelona Faculty of Medicine on the Hospital Clinic campus in Barcelona and in the future on the Sant Pau Hospital Campus in Barcelona.

The legal address of the IJC is Muntaner 383, 3rd 2nd / 08021 Barcelona but CHECK which campus this job is located on.

T. +34 93 557 28 00 / F. +34 93 465 14 72 www.carrerasresearch.org

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