

POSITION (REF: XX/2019)

Research Description

The candidate will lead mouse *in vivo* work in Pablo Menéndez's laboratory. He/she will be responsible for all animal technical procedures, organization and communication with the animal facility. The person we seek must be accredited with function C or D by FELASA and must have homologation (or be willing to get it ASAP) to work in Catalunya.

Main Responsibilities:

- 1.-Coordinate the mouse colony managing and mouse breeding of a large immunodeficient colony (including NSG and NSGS strains).
- 2.-Have large expertise in mouse handling including:
 - Administration routes such as intraperitoneal, intravenous, subcutaneous, intratibial/intrafemoral intrahepatic and oral gavage, etc.,
 - Blood sampling from sub-mandibular, tail, intracardiac and retro-orbital plexus.
 - Mouse tail biopsy and genotyping.
 - Mouse bone marrow aspirates.
 - In vivo imaging techniques including bioluminescence.
 - Mouse euthanasia and tissue sampling.
 - Animal welfare supervision.
- 3.-Supervise the development and evolution of the experiments.
- 4.-To offer training to other researcher/technicians and give technical support to collaborators of the group.
- 5.-Implement and discuss the "standard operating procedures" of animal experimentation with the members of the group.
- 6.-Co-design experimental plan along with the researchers of the group.
- 7.-Assist in writing procedures and protocols for the Animal Ethics Experimentation Committee.
- 8.-Flow cytometry analysis skills and cell culture knowledge will be a plus.

Requirements:

- Solid experience in mouse handling, breeding and welfare.
- Long-standing experience with immunodeficient mice.
- Experience with PDX leukemia models.
- Knowledge on hematopoiesis and leukemia.
- Team player, organization and communication skills mandatory.
- Driving license.

- The post is available from September 1st 2021 to 31st December 2023. Renewal for other 5 years may be possible upon successful performance.
- Salary commensurate with experience.
- Full equipped lab and access to all core facilities necessary for this project.
- Young and dynamic environment.
- Collaborative project with opportunities for networking & continuous training.
- *Ad hoc* training for those skills that the candidate needs to acquire/improve.

For more information:

http://www.carrerasresearch.org/en/Stem_cells_mesenchymal_cancer_and_development

How to apply:

Interested applicants should send their CV (containing the contact details of two referees) and a motivation letter: rrhh@carrerasresearch.org with copy pmenendez@carrerasresearch.org.

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

Deadline for applications: 16st August 2021

Starting date: as soon as possible after August 30th 2021.

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.

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