Predoctoral Position

BioMedical Research in Melanoma- Animal Models and Cancer Group

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.

BioMedical Research in Melanoma- Animal Models and Cancer group is very intersted in skin cancer. We investigate the molecular causes for these diseases in order to design effective therapies against them. This is done in close proximity to patients where our goal is to translate our discoveries as fast as possible to patients. Consequently, we have a multidisciplinary group that associate dermatologists, oncologists, pathologists and basic-scientists that ask relevant clinical questions that need biological answers. Our workflow contemplates information obtained from patients (tumors deep-sequencing, immunohistochemistry, clinical history…etc) that is translated into animal models and in vitro experiments in order to answer relevant questions. These results will be used to design new therapeutic approaches and preclinical studies that ultimately will be translated to patients.

JOB DESCRIPTION

Education and qualifications:

Required:

- Bachelor degree in Science,(Biomedicine) Score above 2.5
- Master degree in Biomedicine or translational oncology

Experience and knowledge:

Required:

- Personel Researcher User of experimental animals
- Cell culture
- genotyping

Desired:

- Biochemical and Molecular techniques
- Immunohistochemistry
- FACS analysis

Main responsibilities and duties:

- The candidate will be involved the discovery of the mechanisms involved in melanoma development and progression to develop novel therapeutic strategies for melanoma treatment
- Perform molecular and biochemical techniques (cloning , Knockdown, CRISPR technology, Western-blot, IP, RT-qPCR,…)
- Tissue culture, (generation of tumor cell lines, management of melanoma cell lines, infections, transfections…etc)
- Mouse genotyping and data base maintenance
- IHC stainings,
- Cell lines phenotype profiling, (proliferation, apoptosis, drug sensitivity experiments)

Labour conditions:

- Full-time position (40h/week).
- Starting date: 1st July 2017.
- Length of the contract: until end of the project.
- Gross annual salary: 18,000 euros.

How to apply:

Applicants should submit a full Curriculum Vitae and a cover letter with the reference "**Predoctoral Position**" to the following email addresses: juan.recio@vhir.org and seleccio@vhir.org.

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