



Centro de Investigación del Cáncer
IBMCC (Universidad de Salamanca-CSIC)
Campus Miguel de Unamuno
37007 Salamanca (España)
Tel.: 923 294720
www.cicancer.org

Postdoctoral position at Cancer Research Center, Salamanca, Spain.

A postdoctoral position is available to join the team of Dr. Norma Gutiérrez at the Department of Hematology, Cancer Research Center, Salamanca, Spain. We are seeking a PhD recently graduated in biological sciences or biomedicine related fields. Our laboratory research is focused on understanding the genetic basis and pathogenesis of multiple myeloma. The position is associated to the research grant "Towards precision medicine in myeloma: search for predictive biomarkers, overcoming resistance and finding new therapeutic targets oriented to molecular subtypes", supported by the Scientific Foundation of the Spanish Association Against Cancer (AECC).

The central axis of this project is the search for vulnerabilities of myeloma cells that might be therapeutically targeted. We will explore both the vulnerabilities of drug-resistant cells and those derived from the expression of different genetic alterations. To tackle these challenges, we will take advantage of the novel and powerful CRISPR-Cas9 technology to perform several genome-wide screens. The results will be validated in preclinical models.

The successful candidate should have experience in cancer genomics and genome editing technologies, in particular. Preference will be given to individuals with a good publication record. Excellent oral and written communication skills (including Spanish language) would be an advantage.

Responsibilities will include design and execution of experiments using the following methodologies:

- Standard molecular and cellular biology techniques: cell cultures, cloning, plasmid manipulation, RT-PCR, etc.
- CRISPR knockdown and CRISPR-Cas9 genome-wide screening approaches.
- Next generation sequencing techniques.

Candidates will also be expected to aid in the supervision of junior lab members, to manage research projects, to prepare reports and papers for publication, and to contribute to grant writing.

The goal is to fill the position as soon as possible. In fact, the position is available immediately.

Please submit CV and contact information of two references via e-mail to Dr Norma Gutiérrez (normagu@usal.es)