

## Four year predoctoral contract Immunobiology

### Centro Nacional de Investigaciones Cardiovasculares (CNIC)

We are looking for a highly motivated candidate to develop his/her thesis in the Immunobiology Laboratory led by Dr. David Sancho at CNIC (Madrid). We offer incorporation via a 4-year Predoctoral contract (contrato FPI) linked to our funded project from the AEI

#### Description of the project:

The student will participate in a project aimed to explore mitochondrial metabolism in dendritic cells and macrophages with the objective of finding new targets for immunotherapy. To this end, transgenic mouse models with specific gain/loss-of-function for critical enzymes for mitochondria will be explored. Target cell populations will be analyzed from a transcriptomic and metabolomic perspective. These studies will be complemented with *in vitro* cellular models and biochemical approaches. This position provides a opportunity to carry out cutting edge technologies in the field of immunometabolism, working in a dynamic and international academic environment. The starting date will be in the last term of 2023.

#### Requirements:

- Graduate in studies related to biomedical sciences and related areas. Applicant must have passed a minimum of 300 ECTS credits in the set of official university studies, with a minimum of 60 credits in Master studies.
- An academic record with average grade over 8 (out of 10) is mandatory.
- Experience in *in vivo* mouse models, cell culture, immunology and molecular biology will be valued.
- Basic understanding of data analysis (R or Python) is an advantage.
- International experience, scientific contributions or awards will be valued.
- Communication skills in written and oral English will be essential to apply.

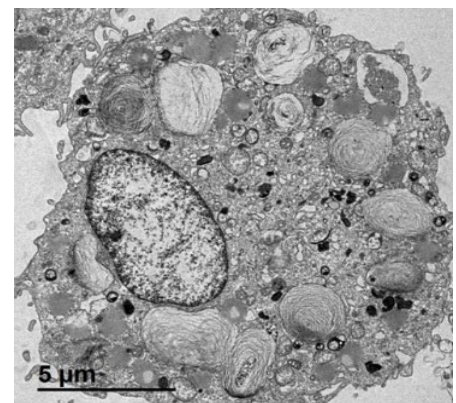
#### For more information see:

About the group:

<https://www.cnic.es/en/investigacion/immunobiology>

About the CNIC:

<http://www.cnic.es/en/cnic/index.php>



Please, if you are interested send your CV, academic record and 1-2 reference letters from previous supervisors to **David Sancho (dsancho@cnic.es)** BEFORE **15th September 2023**.