

POSTDOCTORAL POSITION OFFER

A **postdoctoral position** is offered at the OnTarget Group led by professor Silve Vicent at the Center for Applied Medical Research (CIMA-University of Navarra). The project is aimed at the identification of new oncogenic vulnerabilities and therapeutic strategies for the treatment of tumors with KRAS mutations (Vallejo et al, J Hepatology 2021; Valencia et al, JCI 2020; Vallejo et al, Nat Comms 2017; Roman et al, Mol Cancer, 2018; Roman et al, Cancer Res., 2018) and will provide opportunities for interaction with other groups (internally, nationally and internationally) as well as industry partners.

The project will require, among other tasks: generation of new 3D tumor organoid and syngeneic models using the CRISPR/Cas9 genome editing technology, functional characterization of new elements within the KRAS network, testing of novel combinatorial therapies involving targeted therapies and immune checkpoint inhibitors, and characterization of the mechanism of action for nominated genes and/or drug combinations using high-throughput (RNAseq, scRNAseq and/or proteomics) and focused (qPCR, WB, IF and live imaging) approaches.

Candidate's requirements:

- PhD in biological or biomedical sciences. Preference will be given to candidates with a title obtained in the last 12-24 months.
- Self-motivated, autonomous person with team work skills and ability to work in various projects.
- Background in Immunotherapy and/or Cancer Biology would be ideal.
- Training in animal work would be desirable.
- Experience in data set analysis and with computational tools would be advantageous.
- Publication record to compete for additional fellowship applications (e.g. Marie Curie actions, Juan de la Cierva, ...) is preferable (at least one first-author publication).

The postdoctoral position is initially funded for 2 years (renewed annually) and could be extended for an additional year. The appointment will start in September 2021. Applications will be accepted starting June 25th and until the position is filled.

Interested applicants should send a cover letter describing past experience and interests, as well as their CV including at least two references to: silvevicent@unav.es

About CIMA: CIMA is the biomedical research center of the Clínica Universidad de Navarra (<https://cima.cun.es/en>). Our scientific objective is to address current clinical problems and to propose the most effective treatment for each patient. We are a reference in cancer, heart and liver diseases, immunotherapy and gene therapy research. With our academic status, we work on a non-profit basis to reinvest the surpluses in our research and to fulfill our mission of service to patients and society. CIMA is committed to excellence in translational research, based on novel biological knowledge and aimed at finding therapeutic solutions to patients' needs. To transfer the results of basic research to clinical application, CIMA's Translation and Transfer unit seeks to establish collaborations with biotechnology and pharmaceutical companies to facilitate the arrival of scientific discoveries to the patient.