

Cancer Therapy Resistance Lab (CTRLab)

<https://www.cicbiogune.es/people/aruz>

Postdoctoral researcher with interest in cancer biology and translational cancer research.

The Cancer Therapy Resistance Lab at CIC bioGUNE (Bilbao-Spain), led by Dr. Ana Ruiz-Saenz, strive to understand the molecular mechanisms underlying resistance to targeting therapies, with an especial focus on the role of tumor-associated aberrant glycosylation in breast cancer. Current and future projects are exploring new aspects of resistance to HER2-targeting therapies (antibodies, and antibody-drug conjugates) integrating clinical data, 3D cancer cell models, high-throughput approaches and co-culture systems.

The successful candidate will be in charge of project(s) involving the generation and live imaging of 3D co-culture models, collecting and processing of tumor tissue and the establishment of a scientific collaboration with clinical partners. The candidate should know how to evaluate and interpret research results independently; prepare them for submission to scientific journals and international meetings and write scientific abstracts and manuscripts. Specific projects will be discussed based on the candidate interest, competence and projected scientific trajectory.

Successful applicants will be hired on a full employment contract with a competitive salary. The position is available immediately until filled and covers 3 years of research. As a postdoc at CIC bioGUNE you will be part of a dynamic and collaborative scientific environment and have access to state-of-the-art facilities, giving you the opportunity to consolidate a strong scientific career.

CICbioGUNE, member of the Basque Research and Technology Alliance (BRTA), is a 'Severo Ochoa' Excellence Center among the top research institutes in Spain. Cutting-edge research activities at CICbioGUNE focus on the mechanisms of human disease and the characterisation of their molecular basis. The Center is located at the Science and Technology Park of Bizkaia in the outskirts of Bilbao, the main city of the Basque Country which offers stunning landscapes, cultural attractions and a vibrant scientific community.

Requirements: Our lab aims to create and foster a professional, creative, inclusive and productive environment, where all lab members are empowered with the skills, knowledge and resources required for their projects and future careers. To do so, team members are expected to be **ambitious, critical** and **take full responsibility for their projects** in a supportive, collaborative and open culture.

- Candidates must hold a **PhD in Biomedicine and Molecular Biology** or related field.
- Previous experience in biological tissue collection, processing, organoids, cell and tissue culture, histology, immunohistochemistry, mouse work, live-imaging and confocal microscopy.
- Excellent communication skills with colleagues and scientists. Proficiency in English and strong work ethics (Laboratory language English).
- Strong organization skills and project management.
- Ability to work independently as well as in a collaborative team and a high degree of responsibility, flexibility, commitment and interest in scientific work and laboratory activities.

The deadline for submitting applications is November 8th. The start date is set for December 1st or January 1st, depending on the selection process.

Application procedure:

Highly motivated candidates please send CV, cover letter and contact of 3 references using our specified **form** and indicating **42081** as reference.

To find out more about the programme please visit our website: <https://www.cicbiogune.es/>