

PREDOCTORAL RESEARCHER to collaborate in the Project “Design and Evaluation of Therapeutic Antisense Oligonucleotides (ASOs) for Rare Diseases Affecting Skeletal Muscle” – (EFFeCT Doctoral Network) at the Nucleic Acid Therapeutics for Rare Diseases (NAT-RD) group at Biobizkaia HRI

● **Looking for:**

Predoctoral researcher, to collaborate in the project ““Design and Evaluation of Therapeutic Antisense Oligonucleotides (ASOs) for Rare Diseases Affecting Skeletal Muscle” ” in the Nucleic Acid Therapeutics for Rare Diseases Group at Biobizkaia Health Research Institute.

The project is part of EFFeCT, a Marie Skłodowska-Curie Actions (MSCA) Doctoral Network titled “A European Training Program to Foster the Full Therapeutic Potential of Antisense Technology across Tissues”. <https://www.effect-dn.eu/candidates>

Hiring will be centralised, and candidates will need to apply BOTH through EURAXESS <https://euraxess.ec.europa.eu/jobs/296420>

and the website of the Employment Exchange of the Biobizkaia Health Research Institute:

<https://www.bio-bizkaia.eus/web/iis/servicios/trabaja-con-nosotros>

● **Requirements:**

- Degree in relevant field, such as Molecular Life Sciences, Biotechnology, or Biomedical Sciences.
- Having completed before the starting date (Sept/Oct 2025) the relevant master studies that enable registration as a pre-doctoral researcher.
- Trans-national mobility: The applicant — at the date of recruitment — should not have resided in the country where the research training takes place for more than 12 months in the 3 years immediately prior to recruitment, and not have carried out their main activity (work, studies, etc.) in that country. For refugees under the Geneva Convention (1951 Refugee Convention and the 1967 Protocol), the refugee procedure (i.e. before refugee status is conferred) will not be counted as ‘period of residence/activity in the country of the beneficiary’.
- Be able to communicate fluently in English (at least B2-level speaking and writing).

- **Elegibility criteria: 100 points**

- Average bachelor's degree grade above 7.5. (0-30)
- Level of English higher than B2. (0-10)
- Experience in cell culture. (0-10)
- Experience in culturing iPSCs and generating CRISPR/Cas9-edited iPSC lines. (0-10)
- Experience in molecular biology. (0-10)
- Knowledge of antisense oligonucleotide (ASO) design, delivery, or evaluation. (0-10)
- Experience in research laboratories in accredited centres abroad or in biotechnological companies. (0- 10)
- Conference papers and publications. (0-5)
- Certificate of disability minimum 33%. (0-5)

- **Duties:**

- Developing new effective therapeutic strategies based on RNA and/or small molecules for the treatment of neuromuscular diseases.
- Optimisation of screening methods for neuromuscular therapies.
- Collaborate in the analysis and dissemination of the results obtained.

- **Employment:**

- **Contract:** Predoctoral
- **Day:** 100%
- **Estimated gross annual compensation:** 27.269 € gross annual.
In addition to the above-mentioned amount, following the conditions of the Marie Skłodowska-Curie Actions (MSCA), the Research Fellowship Holder has the right to receive:
 - **A mobility allowance:** 5.271 € gross annual.
 - **Possible family allowance (if applicable)*:** 4.349 € gross annual.
 - * A fixed family allowance shall be granted to married researchers, as well as to researchers with a marital status equivalent to marriage recognised by the country in which the relationship was formalised. Researchers with dependent children, who are actually being maintained by the researcher, are also entitled to receive the family allowance. If the researcher's personal situation (marriage, children) changes during the action, he/she will also be entitled to receive the family allowance.
- **Workplace:** Biobizkaia Health Research Institute
- **Unit or service:** Nucleic Acid Therapeutics for Rare Diseases (NAT-RD)
- **Expected start date:** Sept/Oct 2025

The project is part of EFFecT, a Marie Skłodowska-Curie Actions (MSCA) Doctoral Network titled “A European Training Program to Foster the Full Therapeutic Potential of Antisense Technology across Tissues”.

The worker must comply with the proper operating rules of the center, in terms of dedication, role to play, schedule and vacations. Candidates for this call will be included in an Employment Exchange Program that may be considered for subsequent requirements of profiles with similar characteristics.

- **Application:**

The formalization of the request must be BOTH through EURAXESS <https://euraxess.ec.europa.eu/jobs/296420> and through the website of the Employment Exchange of the Biobizkaia Health Research Institute:

<https://www.bio-bizkaia.eus/web/iis/servicios/trabaja-con-nosotros>

No paper documentation will be presented. All documentation will be presented telematically using this website.

IT IS ESSENTIAL attach a personal CV, working life and academic qualification in PDF format. Applications that do not meet the requirements of the offer, that have not submitted all the requested documentation or in the required format will not be evaluated. Academic degrees awarded by foreign entities must be approved in Spain.

It is recommended to use the Google Chrome or Mozilla Firefox search engines to apply.

Biobizkaia Health Research Institute is committed to the principles of merit-based recruitment and transparency (OTM-R), in accordance with the requirements of the HR Excellence in Research Award.