

Post-doc position in Chemical Glycobiology, CIC bioGUNE, Bilbao

The CIC bioGUNE Research Center invites qualified and highly motivated candidates to apply for post-doctoral position at the [Chemical Glycobiology](#) group. The candidate will join a multi-disciplinary team focusing on the study of glycan-mediated molecular recognition processes by employing different approaches and biophysical techniques, with a special focus on Nuclear Magnetic Resonance (NMR). The contract will be signed for at least one year, easily renewable to two, with possibilities for further extensions. **Starting date:** Between September and December 2022.

We are looking for candidates with:

- Ph degree in Chemistry, Biochemistry, Molecular Biology or another related field.
- Expertise in molecular biology and/or biochemical techniques.
- Expertise or high interest in learning Nuclear Magnetic Resonance (NMR).
- Background in Chemistry.
- Ability to work independently and as part of an interdisciplinary team.
- Ability to communicate and present effectively in spoken and written English.
- Track record of writing papers as evidenced by publications or submitted manuscripts in well-known scientific journals in the areas described above.

The application should include:

- Cover letter including research interests, qualifications, and motivation.
- CV and list of publications.
- A copy of the PhD degree certificate or documentation that clarifies when the PhD degree is expected to be obtained.
- Contact information for 2 references (one of whom should be the PhD advisor).

The scientific environment and the group.

[CIC bioGUNE](#) is a non-profit research organization devoted to life science research, with 18 scientific groups gathered in two research programs: Molecular Recognition & Host-Pathogen Interactions and Metabolism & Cell Signaling in Disease. The **Chemical Glycobiology Lab** is led by Prof. [Jesús Jiménez-Barbero](#) and Dr. [Ana Ardá](#) (Associated Principal Investigator). Our research is focused on the study of glycan-mediated molecular recognition events. The interaction between carbohydrate moieties (glycans) attached to biomolecules (glycoproteins, glycolipids) with specific receptors (lectins, antibodies) mediate key events of biological and biomedical interest, mostly related to infection and immunity. We are interested in understanding and modulating, from a molecular perspective, the rules governing these issues. For that, we develop and apply diverse NMR-based strategies combined with other biophysical techniques (ITC, BLI, cryoEM, X-Ray), strongly relying on a multidisciplinary approach that gathers chemical tools, molecular modelling, molecular biology, and biochemical techniques.

Candidates should submit their application using the following [form](#) and indicating **42021** as reference.

