

Postdoctoral Position in “Synthesis of nanogels for the encapsulation of antibodies and their release in the brain”

A two-years postdoctoral position is available in the group of Dr. Ana Beloqui and Prof. Marcelo Calderón at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu).

IMPORTANT: Candidates must be born on or after 1993 to fulfill the eligibility requirements of the “INVESTIGO” funding program for young researchers (<https://www.euskadi.eus/gobierno-vasco/-/preguntas-frecuentes-sobre-el-programa-investiggo/>).

Applicants must have a PhD (or equivalent) in Polymer Science, Organic Chemistry, or Pharmacy, with a strong background in the synthesis of functional (nano)hydrogels for drug delivery and protein manipulation. Knowledge and experience working with cell cultures will be a plus. Applicants should have a strong record of innovative scientific accomplishments as evidenced by first-author papers published or accepted in international recognized journals. Qualified candidates must also demonstrate outstanding communication skills, have a strong passion and commitment to science, and work well within a group. Good command of written and spoken English is a must. If preselected, a telephone or Skype interview will be carried out before any other appointment is made.

The selected candidate is expected to participate in the management of an EU project (ca. 30-35% of the time), conduct research, and write papers, reports and proposals. The candidate will have the possibility to co-supervise students and establish collaborations in the framework of a multidisciplinary EU project (“TheraTools”, European Doctoral Network) recently awarded. The candidate will be focused on the development of a methodology to encapsulate antibodies within polymeric nanogels, which are able to cross de BBB. Moreover, the nanogels will be designed to have the ability to release the antibodies in the environment of glioblastoma cancer cells.

Applications should be addressed to Dr. Ana Beloqui and sent via e-mail with the subject “**Postdoc Investigo**” in **one single PDF** to ana.beloquie@ehu.eus before July 30th, 2022. It is recommended that applications are made as soon as possible as they will be considered upon arrival. They must include:

- (i) a cover letter highlighting their interest in the position and the main research achievements.
- (ii) curriculum vitae.
- (iii) a short description of previous research (2-3 pages).
- (iv) the names and contact addresses (e-mail) of two academic referees.

It should be noted that only those applications that followed these guidelines will be considered!

Please note that *because of the large number of applications expected*, we will not be able to give individual *feedback* to unsuccessful applications.

POLYMAT has obtained the 'HR Excellence in Research award'. The award reflects our commitment to continuously improve our human resource policies in line with the European Charter for Researchers, the Code of Conduct for the Recruitment of Researchers and our commitment to achieve fair and transparent recruitment and appraisal procedures.