

Postdoctoral Position in “Enzyme-polymer hybrids for functional materials”

A postdoctoral position is available in the PolyZymes Group – Multifunctional Protein-Polymer Hybrids Research Line – at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa, and University of the Basque Country (UPV/EHU) (<https://polymat.eu/en/research/Multifunctional-Protein-polymer-Hybrids>).

The project endeavors the design and fabrication of functional materials based on protein-polymer hybrids and non-conventional solvents, i.e., eutectic mixtures. Developed methodologies will be applied to the stabilization of plastic-eating enzymes, to cofactor-dependent enzymes, and to the fabrication of biomineralized scaffolds for biomedical applications.

Applicants must have a PhD (or equivalent) in applied Polymer Science, Chemistry, or Enzymology. Knowledge of protein modification grafting-from methods is desired, including bio-RAFT or PET-RAFT. Applicants should have a strong record of innovative scientific accomplishments as evidenced by first-author papers published or accepted in internationally recognized journals. Qualified candidates must also demonstrate outstanding communication skills, have a strong passion and commitment to science, and work well within a group. A good command of written and spoken English is a must. If preselected, a telephone or online interview will be carried out before any other appointment is made.

The selected candidate is expected to conduct research, write papers, reports, and proposals, and establish collaborations with partner institutions. The position involves the supervision of PhD students and undergraduates. Applications should be addressed to Dr. Ana Beloqui and sent via e-mail with the subject ‘**Postdoc Protein-functional materials**’ in **one single PDF** to ana.beloqui@ehu.eus before October 15th, 2024. 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 and UPV/EHU have 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 achieving fair and transparent recruitment and appraisal procedures.