

PhD Fellowship in “Nanogels for transmucosal delivery”

A PhD Fellowship in Polymer Chemistry for the Development of Polymeric based Nanomaterials for Transmucosal Gene Delivery is available at the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa (www.polymat.eu).

Applicants must have a BSc and MSc (or equivalent) in Chemistry or Polymer Chemistry with a strong background in material science and polymers for nanomedicine. Previous experience in gene delivery, responsive nanogels, cell culture, polymer nanoparticles, will be highly appreciated. 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/Zoom/etc interview will be carried out before any other appointment is made). The selected candidate is expected to conduct research, write papers and reports, deliver a PhD thesis, establish interdisciplinary collaborations, and be willing to travel to other European locations as part of the thesis work.

The research work will be done in the group “Responsive Polymers for Therapeutics” (<https://polymat.eu/en/research/Responsive-Polymers-Therapeutics>) in the frame of the project PID2022-142739OB-I00 of the program “PROYECTOS DE GENERACIÓN DE CONOCIMIENTO 2022”. Fellowship duration: 4 years. Latest starting date: 1st of January 2024.

Applications should be addressed to Prof. Marcelo Calderón and sent via e-mail with the subject ‘PhD TRANSMUC’ in **one single PDF** to marcelo.calderon@polymat.eu before August 31st, 2023 (it is recommended that applications are made as soon as possible as they will be considered upon arrival) including:

- (i) a cover letter highlighting their interest in the position.
- (ii) curriculum vitae.
- (iii) a short description of previous research (1-2 pages).
- (iv) the names and contact addresses (e-mail) of two academic referees.

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.