

## 6 PhD CONTRACTS in POLYMAT

6 fully-funded PhD contracts are available in the Basque Center for Macromolecular Design and Engineering, POLYMAT Fundazioa ([www.polymat.eu](http://www.polymat.eu)).

Candidates should hold **a degree** in a relevant area of Chemistry, Materials Science, Biomedical Engineering, Biotechnology, Biochemistry, or related disciplines and should have completed an MsC degree at the time of incorporation (latest possible date of September 2024). **Therefore, students in their last year of BSc or currently conducting their Master's studies are also invited to apply.**

### Required Skills/Qualifications:

- Good level of spoken and written English language.
- The selected candidate is expected to conduct research, write papers, and deliver a PhD thesis.

### We offer:

- cutting-edge research projects and excellent facilities
- fully-funded PhD positions (4 years)
- core and optional development opportunities to improve your scientific and transferable skills
- multicultural environment with English as the working language

### How to Apply:

Application deadline: **20 January 2023**.

Those of you interested in applying, please send an email to the main researcher of each project (see below), including your CV, academic certificates (BSc and MSc or registration in a Master program), including the academic records.

### Research projects:

#### 1. Innovative Polymers Group. Prof. David Mecerreyes and Prof. Maria Forsyth.

Research field: Innovative Polymers for Energy

Applicants must have a BSc and MSc in Chemistry, Polymer Chemistry, or Material Science. Previous experience in Polymer Chemistry and/or Organic Chemistry is a plus.

[david.mecerreyes@ehu.eus](mailto:david.mecerreyes@ehu.eus)

#### 2. Molecular and Supramolecular Materials Group. Prof. Aurelio Mateo-Alonso

Research field: Synthesis of Nanographenes and Covalent Organic Frameworks

Applicants must have a BSc and MSc in Chemistry with a strong background in Organic Chemistry and previous experience in Synthetic Organic Chemistry.

[molsupramolgroup@polymat.eu](mailto:molsupramolgroup@polymat.eu)

### **3. Catalysis and Sustainable Polymers Group. Dr. Haritz Sardon**

Research field: Synthesis of Sustainable Polymers Using Benign Polymerization methods.

Applicants must have a BSc and MSc in Chemistry, Polymer Chemistry, or Material Science. Previous experience in Catalysis, Sustainable Chemistry, and/or Organic Chemistry is a plus.

[Haritz.sardon@ehu.es](mailto:Haritz.sardon@ehu.es)

### **4. Polymerization Processes Group. Prof. Maria Paulis**

Research field: Polymer Synthesis in Waterborne Dispersed Phase Polymerization.

Applicants must have a BSc and MSc in Chemistry with a strong background in Polymers and previous experience in Waterborne Dispersed Phase Polymerization.

[maria.paulis@ehu.es](mailto:maria.paulis@ehu.es)

### **5. Advanced Multiphasic Polymers Group. Prof. Alejandro J. Müller**

Research field: Polymer Physics

Research Project Title: "Structure and crystallization of biodegradable random copolymers and blends based on polyesters, polyethers, and/or polycarbonates"

Candidates should have a first degree in Chemistry, Physics, Materials Science, or Chemical Engineering and an M.Sc., preferably in Polymer Science.

[alejandrojesus.muller@ehu.es](mailto:alejandrojesus.muller@ehu.es)

### **6. Responsive Polymer Therapeutics Group. Prof. Marcelo Calderon**

Research field: smart polymers for drug delivery applications.

Applicants must have experience in the development of environmentally responsive polymeric materials for biomedical applications.

[marcelo.calderon@polymat.eu](mailto:marcelo.calderon@polymat.eu)

POLYMAT has obtained the 'HR Excellence in Research award. The award reflects our commitment to continuously improving 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.