

The Nanoscience Cooperative Research Center, CIC nanoGUNE, located in Donostia / San Sebastian, Basque Country (Spain), is currently looking for a

MASTER STUDENT

to work on

Optimizing Functional Coating Adhesion on Polymeric Substrates for Biomedical Applications

NanoGUNE is a research center devoted to conducting world-class nanoscience research for a competitive growth of the Basque Country. NanoGUNE is a member of the Basque Research and Technology Alliance ([BRTA](#)) and is recognized by the Spanish Research Agency as a *María de Maeztu* Unit of Excellence.

The **position** is offered in the **Nanomaterials** group, led by **Mato Knez** (m.knez@nanogune.eu). More information can be found at <https://www.nanogune.eu/en/research/groups/nanomaterials>

Project Description

This Master's thesis focuses on improving the adhesion of functional coatings on polymer substrates for biomedical applications. The project involves the use of vapor-phase thin film deposition technologies to prepare coatings with tailored properties and the optimization of the coating-substrate interface. The resulting materials will be characterized using spectroscopic and microscopic techniques to investigate their chemical composition, structure, and morphology. Functional testing will be carried out to assess coating adhesion, durability, and performance under conditions relevant to biomedical use.

Candidates should **apply** by following the instructions of the general call and by completing the form below and attaching the following documents:

- a. A complete CV
- b. Academic record and cover letter grouped in a single PDF file

The **deadline** for applications is **06/04/2026**.

NOTES:

(i) All applicants will receive an answer after the end of the selection process; but please note that due to the large number of submissions that are expected, we cannot provide individual feedback.

(ii) Additional information about nanoGUNE's commitment towards [HR excellence in Research and Gender Equality](#) are available on our website.

(iii) We encourage you to subscribe to our [HR mailing list](#) to receive information related to nanoGUNE's open positions and open calls for different training and talent attraction programs.