

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

**Post Doctoral Researcher  
to work on molecular self-assembly and DNA nanotechnology**

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.

Applications are invited for a postdoctoral researcher to join the Self-Assembly group at CiC nanoGUNE led by Prof. Alexander Bittner. The candidate will join a research line focusing on molecular programming and self-assembly with DNA nanotechnology. The research project will include the design, assembly and characterization of functional DNA nanodevices such as DNA origami and DNA bricks interfacing with nanomaterials to work on applications in sensing, actuation and molecular robotics.

Applicants should possess, or be very close to obtaining, a doctorate in experimental physics, biophysics, chemistry, biochemistry or related fields. The successful candidate will have:

- Knowledge in molecular self-assembly, nanostructure fabrication, and single-molecule biophysics
- Wet-lab experience in handling nanoparticles (e.g. metallic nanoparticles or enzymes) or nucleic acid chemistry (e.g. gel electrophoresis, bioconjugation) or lipid-membrane engineering (e.g. vesicle synthesis)
- Experience in optical microscopy, image analysis, spectroscopy and/or atomic force microscopy is a plus.
- Good oral and written communication skills in English can be an advantage.

The post is expected to start on **01/07/2022** and will last for one year with the possibility of an extension. Please direct enquiries about the role to Dr Ibon Santiago ([i.santiago@nanogune.eu](mailto:i.santiago@nanogune.eu)).

Candidates should **apply** by completing the form below and attaching the following documents:

1. A complete CV
2. A cover letter and at least two reference letters grouped in a single PDF file

We **promote** teamwork in a diverse and inclusive environment and welcome all kinds of applicants regardless of age, disability, gender, nationality, race, religion, or sexual orientation.

The **deadline** for applications is **30/06/2022**.

*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.*