

CALL REQUIREMENTS

Call Title: NANOCOMP: Development of safe by design tools and recommendations for complex nanomaterial formulations (1)

Contact person: Santiago Aparicio Martinez

Department: QUIMICA

Category: Researcher

Others

Workday: Full time

Part time

Aim: The purpose of this contract is to perform researcher functions within the line of multiscale theoretical modelling developed at the theoretical multiscale modelling developed in the Consolidated Research Unit 305. The tasks will include, among others,

- Theoretical study of the interaction of nanomaterials with biological systems, multiscale techniques (first principles, molecular dynamics and mesoscale methods).
- The development of predictive methods of nanotoxicity based on QSAR approaches, QSPR and related approaches
- Determination of nanodescriptors for multicomponent materials.
- The development of theoretical modelling and prediction activities required for the study of toxicology and ecotoxicology of multicomponent nanomaterials and HARNs.

Requirements of the candidate:

- Required qualification to have at the time of application the degree, or the accreditation for the possession of a PhD. degree in the area of knowledge of Chemistry related to the area of multiscale modelling of materials.
- English level: tested through interview

Duration: February 28, 2023

Gross monthly remuneration: 2.453 €

Application submission deadline: June 24, 2022

Documents to be provided:

- Photocopy of NIF, NIE or copy of valid passport, the latter only in the case of foreign citizens not residing in Spanish territory.
- Curriculum Vitae. To be completed using the curriculum vitae in Standard Curriculum Vitae (CVN) format through the web page <https://cvn.fecyt.es/>. The merits claimed must be duly justified at the time of submission of the application. Otherwise, they will not be taken into account.
- Photocopy of the Doctorate Degree or academic certification, where there is an express indication of the date on which the doctorate degree was obtained. In the event that the degree was obtained abroad, a sworn statement of the veracity of the documentation provided must be attached.

The merits claimed by the interested party must be duly justified at the time the application is submitted.