

CALL REQUIREMENTS

Call Title: "Smart Polymers. Application in Food and Biomedical Safety and Control, Sustainable Construction, and Bioremediation (PIN)".

Contact person: Saul Vallejos Calzada

Department: Chemistry

Category: Researcher

Others

Workday: Full time

Part time

Aim:

- Research in the synthesis, characterization, and application of intelligent polymers within the framework of the JCyL BU025P23 project 'Intelligent Polymers. Application in Food and Biomedical Safety and Control, Sustainable Construction, and Bioremediation (PIN)'. Specifically, focus on designing and preparing polymeric materials for the visual detection of biomolecules and biomedical and food-related species (food safety and quality control), as well as developing adhesives for manufacturing insulation panels used in sustainable construction.
- Train and supervise doctoral students.
- Collaborate in the writing of research projects at both regional and national, as well as European levels.
- Lead the drafting of research projects and present them.
- Document work according to the standards of the Research Group.
- Provide support to the Principal Investigator (IP) of the Polymer Group in leading the Research Group.

Requirements of the candidate: Hold a Ph.D. degree in the field of Biotechnology and related areas, and have three years of postdoctoral experience in the research field of the project: synthesis, characterization, and study of applications of smart polymers.

Duration: Indefinite contract

Gross monthly remuneration: 2.503 €

Application submission deadline: Application submission deadline: Seven business days from the day following the publication of this call on the Electronic Board of the University of Burgos

Documents to be provided:

- Copy of the N.I.F. (Spanish Tax Identification Number), N.I.E. (Foreigner Identification Number), or a copy of the valid passport, the latter only in the case of foreign citizens not residing in Spanish territory.
- Curriculum Vitae. It must be completed using the standardized Curriculum Vitae format (CVN) through the website <https://cvn.fecyt.es/>.
- The claimed merits must be properly justified at the time of submitting the application. Otherwise, they will not be taken into account.

- Photocopy of the doctoral degree or academic certification, indicating the explicit date of obtaining the doctoral degree. If the degree was obtained abroad, a sworn statement vouching for the accuracy of the provided documentation must be attached.
- Justification of experience in research and development of polymer sensors (copy of contracts, summary, and electronic address for downloading the doctoral thesis).
- Justification of the remaining postdoctoral experience.
- Sworn statement indicating the time spent on contracts for access to the Spanish Science and Technology System and/or access as a research doctor, if contracted under these modalities (according to the attached model).
- Any other documentation that can substantiate the criteria required in the call for applications.