

CALL REQUIREMENTS

Call Title: "Design, synthesis, and characterization of smart polymers. Application of polymeric chemical sensors in food control and safety and in the healthcare field (SmartPolySensor)"

Contact person: Jose Miguel García Pérez

Department: Chemistry

Category: Researcher

Others

Workday: Full time

Part time

Aim:

- Conduct research on the synthesis, characterization, and application of polymers within the framework of the AEI PID2020-113264RB-11 project, titled "Design, synthesis, and characterization of smart polymers. Application of polymeric chemical sensors in food control and safety and in the healthcare field (SmartPolySensor)." Specifically, the focus will be on designing and preparing polymeric materials for the visual detection of biomolecules and species of food interest (food safety and quality control) as well as species, enzymes/biomarkers of medical interest (human health applications).
- Train and supervise doctoral students within the scope of the research project PID2020-113264RB-11.
- Collaborate in the drafting of research projects at regional, national, and European levels.
- Oversee the preparation and presentation of research projects.
- Document research work in accordance with the standards of the Research Group.
- Provide support to the Polymer Group's PI in managing the Research Group.

Requirements of the candidate: Title of Doctor and three years of postdoctoral experience in the research topic: synthesis, characterization, and study of applications of sensor polymers. English proficiency level: C2.

Duration: Indefinite contract

Gross monthly remuneration: 2775 €

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:

- Identification document.
- Curriculum Vitae, in free format.
- Copy of the degree requested in the call.
- Justification of experience in research and development of sensory polymers (copy of contracts, summary, and electronic download link of the Doctoral Thesis)



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- Justification of postdoctoral experience.