

CALL REQUIREMENTS

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

Contact person: José Miguel García

Department: Chemistry

Category: Researcher

Others

Workday: Full time

Part time

Aim:

- Research in synthesis, characterization and application of polymers, within the framework of the AEI project PID2020-113264RB-11 'Design, synthesis and characterization of intelligent polymers. Application of polymeric chemical sensors in food safety and control and in the health field (SmartPolySensor) '. Specifically, to work on the design and preparation of polymeric materials for the visual detection of: biomolecules and species of food interest (food safety and food quality control), and of species, enzymes / biomarkers of medical interest (health applications human)..
- Train and direct doctoral students, within the framework of the frame of the research project of the AEI project PID2020-113264RB-11.
- Collaborate in the writing of research projects, both regional, national and European.
- Direct the writing of research projects and present them.
- Document your work in accordance with the rules of the Research Group.
- Provide support to the IP of the Polymer Group in the direction of the Research Group.

Requirements of the candidate: Doctor's Degree and three years of postdoctoral experience in the subject matter of the research project: synthesis, characterization and study of polymer applications (Ref.:PID2020-113264RB-I00 /AEI/10.13039/501100011033)

Duration: 24 months

Gross monthly remuneration: 2635 €

Application submission deadline: September 21, 2021

Documents to be provided:

- Identification document
- Curriculum Vitae, in free format
- Photocopy of university degrees: Graduate / Bachelor and Doctor
- Justification of the experience in research and development of polymers (copy of contracts, summary and electronic address of download of the Doctoral Thesis).
- Justification of postdoctoral experience.