


Company Description

CIDETEC is a Technology Centre that brings together three leading international centres in the fields of Energy Storage, Surface Engineering and Nanomedicine. For more than 25 years, we have been working with leading companies to develop technology that makes the world a better place.

Information

 Deadline: 2024-06-30
 Category: Business
 Province: Gipuzkoa

 Country: Basque Country
 City: San Sebastián

Company

CIDETEC

cidetec
 a greater future today

Main functions, requisites & benefits

Main functions

You will join a team led by a line manager, working independently according to the work plan defined, in both technical and management activities. Developing new polymer-based biomaterials with regard to both their synthesis/production and characterization, with experience in medical devices. Involvement in developing several types of products (medical and pharmaceutical). Relational monitoring of the technical results with clients and/or collaborators. Project management. Generating new ideas. Helping the unit achieve its aims and reach its targets. Aiding towards new product development. Aiding transfer of our own technology from the lab to industrial production in the field of medical devices. Providing solutions for customers.

Requisites

Education: Doctoral Degree in Applied Chemistry and Polymer Materials, Organic Chemistry or Biomaterials with experience in biomaterials, with at least 2 years of experience in industry or Post-Doctoral studies. Languages: Fluent in spoken and written English. Knowledge: Synthesis of polymer-based biomaterials (RAFT, ATRP, free radical polymerization, etc.). Biomaterial and polymer material characterization techniques (Thermogravimetry, DSC, GPC, Instron/DMA, rheology), physico-chemical characterization techniques (NMR, FTIR, UV spectrophotometry, ICP, microscopy, AFM and chromatography). Hydrogels and their characterization (swelling, rheology). Surface characterization techniques (Contact angle, AFM, ellipsometry). Knowledge of production processes (scaling, lyophilization, sterilisation). Medical devices and their regulatory environment. Industrial-scale medical device production. Biological (in vitro) characterization of biomaterials. Observations: A highly motivated person, with a keen interest in research and innovation, you will join a multidisciplinary team. You will be able to organise your work, meeting both the deadlines and the established objectives. Problem-solving capacity and scientific criteria. Good communication skills, both verbal and written. Having undertaken a placement abroad and more than 2 years' postdoctoral experience will be considered a plus.

Benefits

At CIDETEC you will be able to develop your career alongside a team of top-level professionals dedicated to innovation and seeking to provide practical solutions that result in a more sustainable world. Professional development opportunities that allow you to build a solid career, working on projects that transform both industry and society. Work with teams at the very highest level in local, national and European settings. Work-life balance initiatives. Continuous training. Privileged setting in a safe and friendly environment. Variable remuneration package for all employees.