

Juan de la Cierva Position in Bioengineering

The International University of Catalonia is a young university which has been in the Catalan system for the last 25 years. The University recently founded the Bioengineering Institute of Technology in order to enhance the research in the field of stem cells and materials science/biomaterials. The Institute is now seeking to expand and aiming to grow in the following strategic research lines, but not limited to:

- development of novel biomaterial designs for the encapsulation of multiple factors
- development of novel biomaterial designs for the encapsulation of cells
- low temperature ceramic based formulations
- mechanically biomimetic dental implants with bactericidal capacity

Further information on the recent publications and research interests can be found in this link

<https://www.uic.es/ca/bioengineering-institute-technology/publicacions/papers>

The institute has published in the last five years in high impact factor journals such as *Progress in Materials Science*, *Materials Today*, *Materials Horizons*, *Advanced Drug Delivery Reviews*, *Advanced Materials*, *Advanced Healthcare Materials*, *Nanomedicine*, *Acta Biomaterialia* and *Biomaterials* among others.

What we offer

Applications are invited from qualified candidates for a full-time, fixed term contract as Juan de la Cierva Postdoctoral fellow at the Universitat Internacional de Catalunya (UIC) in the Sant Cugat Campus in Barcelona. The postdoctoral fellow lasts for two years. See the basis in the next link:

<https://www.aei.gob.es/convocatorias/buscador-convocatorias/ayudas-contratos-juan-cierva-2022/convocatoria>

The research activity will focus on a multidisciplinary project involving the development of novel materials that may provide solutions to regenerate damaged tissues, involving fields such as pharmacy, chemistry, engineering, biology and medicine.

What we are looking for

We are currently seeking a candidate with these competences:

- The candidate must have degree in Biongeneering Science, Biomedical engineering, Chemistry, Biology, Materials Science, Biomaterials or related field.
- A minimum undergraduate that depends on type of undergraduate program (BSc or Eng). For further details, visit the application process website.
- The candidate must have the ability to work independently as well as part of a group and is expected to be self-sufficient in laboratory tasks.
- It is also expected to have the ability to manage Pack Office (Word, Excel, Power Point)
- Good level of English
- Motivated, organized, and with initiative

Application

A full CV and a motivation/cover letter (including two or three reference persons) for the position must be sent by email to bit@uic.es citing the reference **Juan de la Cierva_2023** in the message subject. Informal enquiries are welcome and may be addressed as well to the same address.

The deadline for the application is January, 25, 2023. Selected candidates will be contacted for personal meetings after that date.