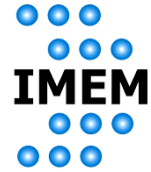




IMEM Grup d'Innovació en materials

UNIVERSITAT POLITÈCNICA DE CATALUNYA



## We are looking for PhD candidates

**Contact:** [elaine.armelin@upc.edu](mailto:elaine.armelin@upc.edu)

**Centre:** Universitat Politècnica de Catalunya (UPC)

**Faculty/School:** Escola d'Enginyeria de Barcelona Est (EEBE)

**Research Group:** Innovation in Materials and Molecular Engineering-(Bio)regenerative Therapies (IMEM-BRT)



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
BARCELONATECH

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**Competitive Fellow Application:**

**Funding organism:**

**Salary:**

**Doctorat INPhINIT Retaining**

“La Caixa” Banking Foundation

34800 € (gross amount/year), 3 years fellow

## Project

Design of Novel Thermal Sensors Based on Gold Nanoparticles and Biocompatible Polymers for Photo-Thermal Therapy and Non-Invasive Detection

## Requirements of the applicant

- You **must not** have undergraduate studies (Bachelor or Licenciatura) completed at UPC (Masters at UPC are compatible)
- Master degree (finished or to be finished before September) in Chemical Engineering, Biomedical Engineering or Chemical Science.
- Candidates must have the First-Advanced-Proficiency Certificate in English (See exemptions in the same call for non-Spanish candidates):  
**TOEFL:** 83 or higher, in *Internet Based*.  
**Cambridge University:** 173 or higher (*First Certificate in English*, level A or B, *Certificate in Advanced English* or *Certificate of Proficiency in English*).  
**IELTS:** 6.5, *Academic* or *General Training* grades.  
**Escola d'Idiomes Moderns (EIM) de la Universitat de Barcelona:** level B2.2 or higher, PAI *online*.  
**Escoles Oficials d'Idiomes (EOI) in Spain:** superior or Advanced B2, finished and approved.
- The PhD candidate have the obligation to have spent more than 12 months of her/his studies/research in Spain at the last 3 years ago. [1 year+1 day -or more- are compatible]

The candidate should not have be enrolled in any doctorate program before **the end of the call (February 26<sup>th</sup>, 2 pm, CET)**.

## Documents required

- Online application (in English): <https://www.lacaixafellowships.org/index.aspx>
- *Choice of studies to be pursued* (in agreement with the Doctorate program in Polymers and Biopolymers of Chemical Engineering Department, at UPC).
- Three reference letters (“La Caixa” Foundation will be addressed through an online procedure with the professors or person responsible to sign the letter).
- Academic records with European supplement of the title (seal) [See the call for non-European Seal certificates]
- Any document that confirms the candidate has:
  - 300 ECTS from Bachelor degree, where at a minimum of 60 ECTS are from Master degree.
  - If not from EEES environment, any document with the equivalent credits in their former University
- Any official document (academic records, Bachelor or Master’ degrees) must have the corresponding translation to English.

## Schedule



## Before start the online application

Contact with Dr. Armelin, for more information about the project and for help, **before February 4<sup>th</sup>**.

Web of the call (*in English and in Catalan*):

<https://obrasociallacaixa.org/en/investigacion-y-becas/becas-de-la-caixa/doctorado-inphinit/retaining>  
<https://obrasociallacaixa.org/ca/investigacion-y-becas/becas-de-la-caixa/doctorado-inphinit/retaining>