

## Doctoral Training Programme in Functional Advanced Materials (DOC-FAM)

DOC-FAM builds up on the recent award obtained by ICN2-CSIC as one of the 22 "Severo Ochoa Centres of Excellence", an award given by the Spanish Government that recognizes institutions from all areas of knowledge that perform cutting-edge research at world standards. The award as "Severo Ochoa Centre of Excellence" to develop "Smart Functional Materials for Social Grand Challenges" (FUNMAT, 2016-2019) demonstrates the outstanding international scientific leadership of ICN2 in the field of Advanced Functional Materials and Nanomaterials. FUNMAT is implemented through several Strategic Priority Actions, designed to invigorate and enhance research, training, exploitation and communication activities of the Institute amongst other things.

The aim of the research programme offered in DOC-FAM is to complement the training aspects of FUNMAT by offering the recruited fellows an excellence training programme in the burgeoning field of Functional Advanced Materials through an interdisciplinary, intersectorial and international approach with the participation of several partner organisations.

The Catalan Institute of Nanoscience & Nanotechnology (ICN2) has available the following research projects:

- Nanoscience/Nanodevices for the Environment (Dr. M. José Esplandiu)
- Nanoscience/Nanodevices for Health (Prof. José Antonio Garrido)
- Nanoscience/Nanodevices for Information and Communication Technologies (Prof. Sergio Valenzuela)
- Nanocharacterization (Prof. Jordi Arbiol)
- Nanomaterials and Nanofabrication (Prof. Daniel Maspoch)

**More information and application via:**

<https://projects.icmab.es/docfam/about-doc-fam#availableprojectscall01>

**Deadline:** 30th November 2018