

URGENT REQUEST OF A NANOSAFETY AND NANOTOXICITY EXPERT FOR ICCRAM- BURGOS UNIVERSITY. Selection process closing date: 12th September 2016

ICCRAM (International Research Center in CRMs for Advanced Industrial Technologies), is an International Excellence Research Center located at Universidad de Burgos facilities, which is developing activities in the following areas: Biophysics, Biotechnology, Industrial Technology, Materials science, Nanosafety, Materials design, Nanotechnology, Nuclear technology, Resource management efficiency, Eco-innovation and Substitution of critical raw materials. ICCRAM is a major partner in international organizations such as EU-NANOfutures or the International Nanotechnology Industries Association (NIA) with participation in European projects such as:

- H2020-TWINN-2015-SUPERMAT-GA-692216.
- H2020-NMP-2015-two-stage-NOVAMAG-GA-686056.
- H2020-MSCA-RISE-2015-NANOgentools-GA-691095.
- H2020-WASTE-4d-2015-CSAMSP-REFRAM-GA-688993.
- H2020-MSCA-IF-Nano-PieZoelecTrics-GA-707954.
- H2020-FETOPEN-2014-2015-RIA-ICARUS-GA-713514.
- H2020-MSCA-ITN-2016-SOLUTION-GA-721642
- H2020-SC5-2016-OneStageB- SCREEN-GA- 730227
- H2020-NMBP-2016-2017-NEXTOWER-GA-721045

DESCRIPTIONS:

We are looking for a **Post-Doctoral researcher specialist in ecotoxicity and nanotoxicity** interested in working in ICCRAM. In this recruitment process the candidates must have competences in the following areas: Biochemistry, molecular and cell biology with nanotechnology applications, Nanomedicine, environmental compatibility, safety of advanced nanomaterials and nanomaterials biotoxicity.

Candidates must meet the following requirements:

- Hold a PhD Degree in Bio/Chemistry, Biology or Environmental Science.
- Record of publications with high impact.
- Experience in working for European Projects.
- Capacity to work as a member of a team, flexibility, high motivation to do international stays and high researching motivation.
- Experience in the following research areas:
 - *Nanomaterials Biotoxicity and Safe by design methodology.
 - *Biocompatibility and environmental compatibility. Ecotoxicity.
 - *Biophysics and genomics.
- * Advanced cell biology techniques: Relevant experience in **cell culture**, molecular technology, cell biology and proteomics/ genomics.
- *Microscopy Techniques: AFM-RAMAN, TEM.

Salary: 30.000€ gross/year.

Relevant record of publications, international stays and awards, honorable mentions and great distinctions will be specially appreciated.

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