

Post-Doctoral Expression of Interest (Eoi)

SELECTION OF CANDIDATES TO A FCT GRANT

Reference of the application: SUN-2015/02

Call for applications to a Post-Doctoral proposal to submit to the Foundation for Science and Technology (FCT) call (deadline 11th May 2015) within the EU project: "**SUN-Sustainable Nanotechnologies**", a large scale FP7 (FP7-NMP-2013-LARGE-7 (Nr.604305)) <http://www.sun-fp7.eu/>.

1. The selected candidate will be registered as a Post-Doctoral fellow at the University of Aveiro (UA) and the research program will be developed at the Department of Biology & Centre for Environmental and Marine Studies (CESAM), in the Laboratory of Ecotoxicogenomics, under the supervision of Doctor Mónica Amorim (UA).

2. Objective of the activity: The purpose and the grant objectives are to focus on developing tools to assess long term effects of nanomaterials, including multigenerational and epigenetic, based on gene expression analysis data and using modelling with network possibilities. The research activities are within the project scope (ecotoxicological bioassays with nanomaterials for environmental test organisms, with emphasis on the application of molecular techniques such as microarrays, RT-PCR, and next generation sequencing). The fellow will benefit from working within a large scale consortium and collaboration with various international research institutions. Post-application to FCT the possibilities to integrate a SUN Post-Doc grant will be discussed and are foreseen.

3. Scientific supervision: Will be in charge of Doctor Mónica Amorim.

4. Academic Degrees: PhD in Biological Sciences, Biochemistry, Molecular Biology, Nanotechnology related or similar.

5. Remuneration: €1495 per month (not taxable), including voluntary social security payment, according to the legal rights as published at FCT. The grant payment is performed monthly through bank deposit, check or any equivalent mode.

6. Application Documents:

The candidates should formalise their application via e-mail to mjamorim@ua.pt, including:

- 1- Letter addressed to Mónica Amorim, referring on the subject the project reference (SUN-2015/02),
- 2- Detailed CV, indicating at least 2 reference contact people. The CV should clearly specify the obtained academic degrees, including year, local, thesis titles, as well as track record of final averages of degrees, publications in scientific journals and respective impact factors, besides other important information.
- 3- Work plan proposal outline (max 1 page).

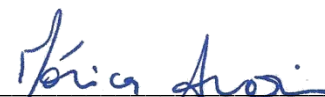
The result of the selection process will be announced exclusively via e-mail.

7. Date for the application: Applications should be sent from 13/04/2015 to 22/04/2015.

8. Evaluation criteria:

- Experience in the area;
- Number and impact of publications in scientific journals;
- Interest in pursuing further research;
- Team work and integration ability;
- Immediate availability and flexible timetable;
- Availability to spend periods abroad;
- Good knowledge in English (spoken and written);
- Performance in interview, if necessary, where the development perspectives will be evaluated in terms of the scientific career in the area, with particular focus on the project topic.

University of Aveiro, 13th April, 2015


(Mónica Amorim, PhD)

