

APACHE



European
Research
Council

Laboratory technician in biology

We are looking for a highly motivated laboratory technician to work in the Biomaterials, Biomechanics and Tissue Engineering Research Group of the Technical University of Catalonia. The selected candidate will occupy a full-time place in the plasmas research group, led by Dr. Cristina Canal, at EEBE (Campus Diagonal Besòs), Barcelona.

The candidate will work in a multidisciplinary research group focused on the search for potential anti-cancer treatments in human osteosarcoma, specifically the use of Cold Plasmas at atmospheric pressure on biomaterials, cell lines and primary cells. The technician will assist the research group's researchers both at experimental and work level.

This position is part of the Starting Grant "APACHE" of the European Research Council. You will be working in a vibrant interdisciplinary research environment involving plasma physics, biomaterials science and cell biology.

TASKS

- Maintenance and transfer of established cell lines and engaging in biocompatibility and tissue culture experiments.
- Biochemical assays and molecular biology experiments were protocol is well established.
- Daily laboratory review and replacement of material; overall maintenance of the lab.
- Restocking lab supplies, management of the cell lab.
- Technical assistance, training and advice to other researchers of the group in techniques of molecular biology and cell culture.
- Quality control in cellular laboratories.
- Conducting biomaterial characterization biological tests.
- Complete and accurate documentation of the work performed.
- Making simple media and buffers.
- Assist in overall maintenance of the lab

REQUIREMENTS

The successful candidate will hold a FP II or a Higher Degree in the area of biological or health sciences. Previous experience in cell cultures and molecular analysis is essential.

Technical requirements:

- Demonstrable experience in the culture of mammalian cells (maintenance, culturing and freezing of cell lines).
- Knowledge of basic molecular biology techniques (isolation of nucleic acids, PCR, Western Blot)
- Knowledge in basic biochemistry.

- Experience in microbiology and bacterial culture.
- Work requires the ability to follow detailed instructions and keep accurate records.
- Ability to follow detailed oral and/or written instructions (both verbal and written) instructions.
- Manual dexterity sufficient to perform the characteristic duties.
- Habits of cleanliness and neatness.
- Basic knowledge of MS Word, MS Power Point and MS Excel.
- Previous experience in research will be highly valued and any contributions to scientific articles.

The evaluation of the candidate will be based on previous studies, credentials, research experience, exposure to relevant disciplines and proficiency in English.

HOW TO APPLY

If you are interested, you are encouraged to apply as soon as possible by sending a CV with a list of at up to 3 references (names and emails) and a short (max one page) statement describing your past research experience and interests.

to Noelia Aparicio (ercapacheupc@gmail.com), Project Manager of the BBT Group with “Biology Technician” in the subject line.

Contact

Application or specific inquiries should be addressed to Dr. Cristina Canal or to Noelia Aparicio (ercapacheupc@gmail.com), with “Biology Technician” in the subject line.



Following the recommendations of the European Commission 2005/251/EC, UPC has subscribed the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

Funded by:

