

**IBMC - Instituto de Biologia Molecular e Celular**

**Research Technician Position (f/m)**

**Internal Code:** Norte2020RT14

**Projects:** NORTE-01-0145-FEDER-000008 - Porto Neurosciences and Neurologic Disease Research Initiative at i3S and NORTE-01-0145-FEDER-000012 - Structured Programme on Bioengineering Therapies for Infectious Diseases and Tissue Regeneration

**Scientific Unit:** BioSciences Screening

IBMC/I3S is opening **1 Research Technician Position** to join its BioSciences Screening Unit.

The research technician position is initially for 4 months, eventually renewal if the projects are extended, maximum up to 12 months. The salary is 2196,99 euros (with exclusivity) and regulated by the Portuguese Labor Law.

We are seeking a highly talented and motivated Scientist to join the BioSciences Screening Scientific Platform. The platform provides assistance on assay development, optimization, and execution of in vitro biochemical and cell based screens in multiple therapeutic areas. The successful candidate will be responsible for designing and executing robust in vitro screens (biochemical and cell-based) and delivering high quality data utilizing common High Throughput Screening tools as well as novel approaches. In this role, the successful candidate will work closely with scientists across multidisciplinary fields to advance projects through day to day interactions, presentation of data and interpretation of results. The candidate must be capable of working independently while contributing and participating in a team environment and must have excellent oral and written communication skills.

**Job description**

- Development and execution of biochemical and cellular HTS (high-throughput screening) experiments
- Perform primary high throughput screening, secondary hit profiling and orthogonal assays focused on small molecule based screens
- Tissue culture work including transient/stable cell transfection, primary cells and transformed human cell lines.
- Assay development for HTS profiling of compound libraries
- Phenotype-based assays using widefield/confocal microscopy and label-free impedance-based technology
- Program and operate custom-integrated automation systems
- Advanced image analysis, data mining, cellular signaling pathways deconvolution, identification of new molecular targets and molecular mechanisms of bioactivity of bioactive compounds

**Required skills/qualification:**

- PhD in biochemistry and molecular/cell biology or related biomedical areas
- Knowledge of cell signaling and biochemical pathways

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- Ability to manage several projects at any given time, work successfully in a cross-functional team environment and communicate clearly both verbally and in writing to a variety of audiences
- Personal skills such as decision-making, ability to communicate and collaborate with other team members, effective time organization
- Independence, creativity, flexibility, abstract and critical thinking
- Excellent verbal and written communication skills in English

Applications must be received from 5<sup>th</sup> December until December 12<sup>th</sup>, 2018. The Research Technician Position is expected to start in January 1<sup>st</sup> 2019.

Selection Committee:

Mónica Sousa, PhD,  
Didier Cabanes, PhD  
André Maia, PhD

To apply for the Researcher Position the interested candidate must submit the following documents *via* the online application system ([www.ibmc.up.pt/institute/open-positions](http://www.ibmc.up.pt/institute/open-positions)): Complete CV, PhD Certificate and Letter of Motivation at:  
<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=Norte2020RT14>

For further information see [www.ibmc.up.pt](http://www.ibmc.up.pt) and [www.i3s.up.pt](http://www.i3s.up.pt)