



European Research Council

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NEW DEADLINE

Internal Reference: ERCACTOMYO691701

Subject: call for one research position or one postdoctoral position available in the Cytoskeletal Dynamics Group at the Instituto de Investigação e Inovação em Saúde (i3S), Instituto de Biologia Molecular e Celular (IBMC), Porto, Portugal.

Starting Date: between May and June 2017 (could be extended)

Duration: yearly renewable, up to June 2020

Research summary: Our laboratory studies the mechanisms of acto-myosin contractility, with special focus on the context of cytokinesis, the process that completes cell division by partitioning the contents of the mother cell to the two daughter cells. We use *C. elegans* as experimental model and our methodological approaches include high-resolution fluorescence microscopy, imaging analysis, genetics, molecular biology, genome editing (by CRISPR/Cas9 for generation of mutant or labelled worm strains), and biochemistry.

Location: i3S/IBMC is a leading international research institution in Porto, Portugal with a strong record in life sciences and excellent scientific output that offers a unique multidisciplinary environment, which will be key for the successful development of our project.
<http://www.i3s.up.pt/>

Candidate profile and qualifications:

For research position:

- Have (or be finalizing the studies towards) a MSc degree in cell biology, biochemistry, biophysics or related areas (score of Bachelor degree/*licenciatura* no lower than 15 and score of Master's thesis no lower than 17).
- Experience with cellular biology, molecular biology, biochemistry will be valued

- High motivation, commitment, creativity and perseverance
- Good oral and written communication skills in English

For postdoctoral position:

- Have a PhD degree for no longer than 1-year or be finalizing the studies towards a PhD degree in cell biology, biochemistry, biophysics or related areas
- At least one research publication in an international peer-reviewed journal
- Proven experience with cellular biology, molecular biology, biochemistry and microscopy.
- High motivation, commitment, creativity and perseverance
- Good oral and written communication skills in English

Research or Postdoctoral Position:

A fellowship MSc level (980€ per month) or a post-doctoral fellowship (1495€ per month) will be awarded. Fellowships are regulated by current laws relating to the Statute of Science Research Fellows, namely Law 40/2004 of August 18, amended and republished by Decree-Law No. 202/2012 of August 27 and the Regulation of Scientific Research Studentships of IBMC approved by Fundação para a Ciência e Tecnologia:

<http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf>

How to apply: please send a motivation letter, CV and two reference letters, *via* the online application system until the 25th of MAY 2017. Informal enquiries are welcome and should be directed to anacarvalho@ibmc.up.pt

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=ERCACTOMYO691701>

Selection criteria: Top candidates will be ranked by evaluation of scientific and curricular achievements, relevance of their previous work to the proposed project, motivation and reference letters. Best-ranked applicant(s) will be called for a personal interview (or via Skype if the researcher is located abroad). Only one position will be awarded at this time. The position may not be awarded if expected candidate quality is not met.