

Subject: call for one research fellowship in the Cytoskeletal Dynamics Group, i3S/IBMC

Internal Reference: ERCACTOMYO201704

Starting Date: 1st January 2018

Duration: 12 months, eventually renewable

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. This position will primarily involve investigating the involvement of specific actin filament regulators in vulva morphogenesis.

Requirements for research position:

- “Licenciatura”/Bach in applied biology or related areas (final score of no lower than 17 out of 20)
- Proven laboratory experience with *C. elegans* model organism

Research Position:

A Research fellowship at *licenciatura/Bach* level (745€ 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 contacts, *via* the online application system from 1st until 15th December 2017, at:

<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=ERCACTOMYO201704>

Selection criteria: Only candidates that fulfil all the requirements will be considered. Top candidates will be ranked by evaluation of curricular achievements, relevance of previous laboratory experience to the proposed project, motivation letter and references