

**ONE RESEARCH POSITION  
in CELL BIOLOGY  
i3S/IBMC, PORTO, PORTUGAL**



**European Research Council**

Established by the European Commission



**Subject:** call for a PhD student position available in the Cytoskeletal Dynamics Group at i3S/IBMC, Porto

**Starting Date:** 1 January 2016

**Duration:** renewable until December 2019

Internal Reference: ERCERCACTOMYO201507



**Research summary:** Our laboratory studies cytokinesis, the process that completes cell division by partitioning the contents of the mother cell to the two daughter cells. We are particularly interested in dissecting the mechanisms of acto-myosin based contractility that occur during cytokinesis. We use *C. elegans* as an animal model and our methodological approaches include high-resolution fluorescence microscopy, imaging analysis, genetics, biophysics, molecular biology, and biochemistry.

**Location:** i3S/Cytoskeletal Dynamics Group under the supervision of Ana Xavier de Carvalho. I3S is a consortium of three leading international research institutions in Porto, Portugal with a strong record in life sciences and excellent scientific output, which offers a unique multidisciplinary environment key for the successful development of our projects. <https://www.i3s.up.pt/>

**Candidate profile and qualifications:**

- MSc degree in cell biology or related areas (final score  $\geq 17$ , on a scale 0-20)
- High motivation, commitment, creativity and perseverance
- Good oral and written communication skills in English
- Proven experience with the nematode *C. elegans*, fluorescence microscopy, molecular cloning, and genetics.
- **How to apply:** please send a motivation letter, CV and contact information of two referees *via* the online application system  
<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=ERCERCACTOMYO201507>

from 15 until 24 December 2015. The candidates will be selected according to their CV and supporting information.

**Jury:** Ana Xavier de Carvalho, PhD; Reto Gassmann, PhD; Ana Marta Silva, PhD

**Legislation and Salary:** The fellowship is regulated by current laws relating to the Statute of Science Research Fellows, namely Law 40/2004 of August 18, and the Regulation of Scientific Research Studentships of the IBMC ([www.ibmc.up.pt/fellowships.php](http://www.ibmc.up.pt/fellowships.php)). The salary is of 980€ (net and tax free, <http://alfa.fct.mctes.pt/apoios/bolsas/valores>).