

**TWO POSTDOCTORAL POSITIONS
in CELL BIOLOGY
IBMC, PORTO, PORTUGAL**



European Research Council
Established by the European Commission



Subject: call for two postdoctoral positions available in the Cytoskeletal Dynamics Group at i3S/IBMC, Porto

Starting Date: October 2015 to January 2016

Duration: maximum 4 years 9 months, renewable every 6-12 months



Internal Reference: ERCACTOMYO201505

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/IBMC/Cytoskeletal Dynamics Group under the supervision of Ana Xavier de Carvalho. IBMC is a leading international research institution in Porto, Portugal with a strong record in life sciences and excellent scientific output. As part of the i3S consortium IBMC offers a unique multidisciplinary environment, which will be key for the successful development of our projects. <https://www.ibmc.up.pt/>

Candidate profile and qualifications:

- PhD degree in cell biology, biochemistry, biophysics or related areas
- strong track record of research published in international peer-reviewed journals
- High motivation, commitment, creativity and perseverance
- Capability of driving a research project forward independently
- Excellent oral and written communication skills in English
- Proven experience with fluorescence microscopy, protein expression and purification methods, molecular cloning, or genetics (*C. elegans* or any other model organism) will be valued

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=ERCACTOMYO201505> between the 2nd and 27th September 2015. Informal enquiries are welcome and should be directed at anacarvalho@ibmc.up.pt. The candidates will be selected according to their CV, supporting information and interview if necessary.

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). The salary is of 1495€ (net and tax free, <http://alfa.fct.mctes.pt/apoios/bolsas/valores>).