

Postdoctoral Fellowship

Internal Reference: ERC0021403

A fellowship for a **postdoctoral researcher** is available in the group of Reto Gassmann at the Institute for Molecular and Cell Biology in Porto. The fellowship (1'495 Euros/month) is funded by an ERC Starting Grant and is renewable until February 2019.

Our group is interested in how co-factors regulate the motor cytoplasmic dynein, which is responsible for microtubule minus-end-directed transport in animal cells and has multiple essential roles in cell division. We are looking for a highly motivated researcher with a strong background in protein biochemistry who will contribute to projects investigating dynein regulatory mechanisms on the molecular level. The emphasis will be on the expression and purification of milligram quantities of protein for *in vitro* assays and structural studies. The researcher will have access to an excellent core facility dedicated to protein purification and will have the opportunity to regularly attend international scientific conferences.

Candidate requirements:

- PhD in protein biochemistry or a related area with a track record of research published in international peer-reviewed journals
- Creativity, perseverance, and passion for basic science
- Strong oral and written communication skills in English
- Experience with protein expression and purification methods, especially baculovirus systems
- Experience with biophysical and biochemical techniques for kinetic and thermodynamic characterization of binding events

Interested candidates should submit their CV, a motivation letter, and the contact information of two referees via the online application system:
<http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=ERC0021403>

Informal enquiries are welcome and should be directed at rgassmann@ibmc.up.pt.

Applications should be submitted between Oct 1 and Oct 15, 2014. Starting date of the fellowship: from November 1, 2014.

Selection Committee:

Presidente: Reto Gassmann, PhD

Vogais: Ana Carvalho, PhD, and Marta Franco da Silva, PhD

The fellowships are 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).