



**Post-doctoral position: Structure and dynamics of mitochondrial carriers**

Position: Post-doctoral researcher

Location: IBS, Grenoble, France

Contract Duration: 12 month on a Marie Curie grant with a possibility of extension

Starting date of the contract: as soon as possible

A post-doctoral position is available to join the group of Pr. E. Pebay-Peyroula at IBS (Institut de Biologie Structurale, Grenoble). The group explores functional and structural aspects of membrane proteins mainly focussing on the mitochondrial carriers family.

The research emphasis is in deciphering atomic details of these proteins combining X-crystallography with functional assays, biophysical characterizations, molecular dynamics simulations, spectroscopy and microscopy techniques.

The candidate will be expected to participate in the characterization of the molecular mechanism and supramolecular arrangement of the carriers as well as in protein-protein interaction studies.

The candidate should hold a PhD in biochemistry, molecular biotechnology, physical chemistry, or related discipline. Expertise in basic molecular biology techniques and protein biochemistry are mandatory. Experience in expressing and purifying membrane proteins or in working with cell cultures would be advantageous. Prior knowledge and experience in optical spectroscopy and microscopy techniques (confocal and multiphoton, FRET...) would be considered as a plus but not essential.

The candidate is a highly motivated individual who enjoys working as part of a collaborative and multidisciplinary, dynamic and interactive team.

This position is opened for 12 month on a Marie Curie grant with a possibility of extension. Applicants should have defended their PhD less than one year before the starting date of the post-doctoral contract, not hold the french nationality, and not have resided in France for more than 12 months during the past 3 years.

Additional information and details regarding the laboratory or the project in question can be obtained by contacting Pr. Eva Pebay-Peyroula ([eva.pebay-peyroula@ibs.fr](mailto:eva.pebay-peyroula@ibs.fr)) and Dr. Stephanie Ravaud ([stephanie.ravaud@ibs.fr](mailto:stephanie.ravaud@ibs.fr)).

If you are interested in joining our team at IBS, please send your CV and the names of three references to Pr. Eva Pebay-Peyroula ([eva.pebay-peyroula@ibs.fr](mailto:eva.pebay-peyroula@ibs.fr)) and Dr. Stephanie Ravaud ([stephanie.ravaud@ibs.fr](mailto:stephanie.ravaud@ibs.fr))