



**Postdoctoral position at the  
Laboratoire Léon Brillouin (France)**

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**Protein refolding and translocation through artificial nanopores**

Applications are invited for a two-year post-doctoral experimental research position at the Laboratoire Léon Brillouin (CEA-Saclay, <http://www-llb.cea.fr/>).

The successful candidate will have a crossdisciplinary experimental activity within the "biology and disordered systems" group and will participate in research programs that are linked : 1) to the elaboration and characterization of artificial nanopores following different approaches ; 2) to the quantitative observation of translocation of unfolded proteins through these nanopores and 3) to the evaluation of the translocation efficiency for protein refolding. The successful candidate will use and develop the experimental devices of the laboratory useful for these studies : small angle neutron scattering, confocal laser scanning microscopy, voltage-clamp. He will work in collaboration with physicists, chemists and biologists involved in these research projects.

The position requires a Ph.D. in Physics or Biophysics and excellent experimental skills.

Further information can be obtained by contacting Didier Lairez (head of the group "biology and disordered systems", [lairez@cea.fr](mailto:lairez@cea.fr)) or Susana Gota-Goldmann (deputy director of the laboratory, [susana.gota-goldmann@cea.fr](mailto:susana.gota-goldmann@cea.fr)).

**Starting date : march 2009**