

POSTDOCTORAL POSITION, UVHCI, GRENOBLE, FRANCE

Location: Unit of Virus-Host Cell Interactions, Grenoble, France

Start Date: Jan 2013

Duration: 2 years

Description: The Research Group ‘Virus entry and budding’ at UVHCI, an international research unit (University Joseph Fourier-EMBL-CNRS) seeks a highly motivated biochemist/structural biologist to fill the vacant post doc position funded by the ANR (French National Research Agency). The successful candidate will investigate the structure and function of ESCRT and associated proteins in order to understand the structural basis of ESCRT-mediated membrane remodeling processes that catalyze final steps in multivesicular body biogenesis, cytokinesis and budding of some enveloped viruses.

This position requires a Ph.D. in biochemistry or a related field, with a strong background or interest in protein crystallography. The candidate should have experience and interest in working on large molecular complexes, employing state of the art molecular biology and biochemistry methods to improve crystals of complexes.

Scientific environment: The UVHCI (<http://www.uvhci.fr>) is situated within the European Science Campus in Grenoble, which includes the European Synchrotron Radiation Facility (ESRF), the ILL and the EMBL. UVHCI is part of the Grenoble Partnership for Structural Biology (PSB; www.psb.eu), which provides access to multiple platforms including crystallization robotics, NMR, electron microscopy and a biophysical platform among others.

Application: Applicants should forward a CV, a cover letter describing their research interest and two letters of recommendation to the e-mail addresses indicated below. Informal queries on the project should be addressed to Patricia Renesto (prenesto@embl.fr) or Winfried Weissenhorn (weissenhorn@embl.fr).

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