

A 3-year postdoctoral position funded by the ANRS is available at the Institut de Biologie Structurale (IBS) in Grenoble, France to work in the Enveloped Virus Entry and Budding (EBEV) group (<https://www.ibs.fr/>) on vaccine development.

The IBS is an international research institute of the CEA, the CNRS and the University Grenoble Alpes, which is located on the European Photon and Neutron (EPN) campus. IBS is also part of the Department of Integrated Structural and Cellular Biology (DBSCI) of the CEA Interdisciplinary Research Institute of Grenoble (IRIG) and hosts (<https://www.isbg.fr/>) and provides access to state of the art structural biology platforms (<https://www.psb-grenoble.eu/>).

The candidate will work on the design, production and structural and biophysical characterization of next generation HIV-1 immunogens to be tested in preclinical vaccination trials. He/she will work in close collaboration with all members of an ANRS consortium employing different reverse vaccinology approaches to generate novel vaccine candidates and evaluate primary immune responses from small animal vaccination trials.

The candidate should hold a PhD in structural biology with ample experience in X-ray crystallography and/or electron microscopy. He/she should be an expert in protein chemistry and familiar with the application of diverse biophysical methods to study protein-protein interactions. Furthermore, experience in working with antibodies and the study of antibody-antigen complexes and/or basic mammalian cellular expression skills and/or the use of lipid nanoparticles will be a plus.

We are looking for a highly enthusiastic researcher with good communication skills who likes to work in a multidisciplinary team.

Please send your application or contact winfried.weissenhorn@ibs.fr for any further information.

Deadline: Applications will be reviewed until the position is filled.

