



Job Title: Post-doctoral position in molecular virology

A 29-month postdoctoral position in virology is available in the Laboratory of Virology, Institut Pasteur de la Guyane (IPG), Cayenne, French Guiana.

Context: Present in French Guiana since 1940, the Institut Pasteur de la Guyane, a non-profit private foundation of public utility, is part of the Institut Pasteur International Network. Its missions are structured around four components: research, public health, education and services. The main research topics are focused on tropical infectious diseases. IPG is implementing a programme, called *STRonGer*, funded by the CAPACITY specific programme FP7-REGPOT-2011-1 (Grant agreement REGPOT-CT-2011-285837), that aims at fostering its research potential on emerging and infectious diseases. This programme is multidisciplinary and involves local and European research teams working on virology, parasitology, entomology, ecology, clinical research, epidemiology and phytochemistry.

The host laboratory: The laboratory of Virology from IPG is the *Centre National de Référence (CNR) des Arbovirus et virus Influenza, région Antilles-Guyane*, in charge of arbovirus surveillance in French Guiana. Indeed, surveillance of arboviruses is not only based upon syndromic surveillance through a sentinel network of physicians but also on laboratory diagnosis. The main viruses concerned belong to the *Flaviviridae* and *Alphaviridae* families, all of importance in human pathology. The CNR also ensures serological and virological expertise activities for laboratories located in the French West Indies (Guadeloupe, Martinique, Saint Martin and Saint Barthelemy) and also, since 2004, in Suriname. Through these activities, the CNR collaborates with Epidemiology unit from IPG and with the Cellule Inter-Régional d'Epidemiologie – Antilles Guyane. Furthermore, the lab is currently involved (i) in the study of genetic variation of dengue virus strains circulating in the Guyana Shield and the French West Indies and (ii) in the evaluation of novel and prototypic serological tests for dengue diagnosis. For information about projects and recent publications, please visit: <http://www.pasteur-cayenne.fr/stronger> and <http://www.pasteur-cayenne.fr>.

Job position: Another field of interest is focused on the study of emerging viruses in charge of severe human disease such pulmonary syndrome caused by Hantavirus from the New World or other undiagnosed arboviral human encephalitis through a clinical research project in collaboration with physicians from Cayenne General Hospital. Within the framework of the *STRonGer* project, the objective of the host laboratory is the intensification of its potential of research in virology through the opening of a post-doctoral position related to the set-up and the development of molecular diagnostic tools of pathogen related to the “Emerging viruses and severe human diseases in French Guiana“ coordinated by the laboratory.

Application: Candidates should hold a PhD degree and possess expertise in virology. Skills in RNA viruses with experience in Arboviruses will be required. Please respond by e-mail (using the ref: VIRO 01) to Angéline Azanza (aazanza@pasteur-cayenne.fr) with a statement of interest and career objectives, CV, and names with contact information for three references. Application deadline: Open until filled.