

CALL FOR 2 POSTDOC POSITIONS, Reunion Island, South Western Indian Ocean

A Postdoctoral fellowship in molecular virology (Profile 1, 2 years)

A Post-doctoral fellowship on arthropod ectoparasite phylogeography (Profile 2, 2 years)

Institution :	Centre de Recherche et de Veille sur les maladies émergentes dans l'Océan Indien (CRVOI) represented by IRD (Institut de recherche pour le développement)
Working place :	CRVOI, Plateforme de biotechnologie CYROI, 2 rue Maxime Rivière, 97490 Sainte Clotilde, Ile de La Réunion
Profile 1 :	Virology, detection and isolation of infectious agents, molecular biology, cell and viral cultures in a BSL3 lab
Profile 2 :	Entomology, biogeography of arthropod ectoparasites, molecular biology, phylogeny
Research domain :	Inventory of infectious agents associated with wildlife in the South West Indian Ocean, Identification of animal species that may play a role as a reservoir, Phylogeography of ectoparasites
Position :	2 years, beginning from the imperative 2011 January 1st
Deadline for submission :	October 15th 2010

The CRVOI (www.crvoi.org) is a GIS (Groupement d'Intérêt Scientifique) founded in 2007 following the severe Chikungunya epidemics that hit the Indian Ocean countries. The mission of this research center is to develop a multidisciplinary research on Emerging Infectious Diseases (EIDs), particularly those with epidemic potential, with an emphasis on vector-borne-diseases and on the investigation of the regional wild fauna as potential reservoir and/or spreader of infectious agents.

1. Profile 1: Post-doctoral fellowship in molecular virology (Reunion Island, South Western Indian Ocean)

A 2 year Post Doctoral Fellowship starting in 2011 January 1st (at the latest) is available at CRVOI (www.crvoi.org) on Reunion Island to investigate viruses prevalent in the wild fauna from Madagascar, the archipelagos of the Comoros, Seychelles, and Mascarenes (Mauritius and île de La Réunion).

The fellow will work in the framework of a multidisciplinary research program involving conservation biologists, microbiologists, mammalogists and entomologists, and his/her task will also aim at investigating the regional wild fauna and its ectoparasites as hosts and spreaders of infectious agents.

She/He will use standard virological techniques (cell culture) in a BSL3 Lab as well as molecular detection techniques (degenerated or multiplex PCR, etc.) to investigate tissue samples from wild fauna (including bats, rodents, birds and arthropods). She/He will benefit from a wide sample collection originating from the region and will bring to the research team his expertise in virological systematics and replication mechanisms of RNA viruses. The laboratory is located in La Réunion, a French overseas department as well as tropical island, located 400 miles East of Madagascar. A good equipment including a Biosafety level 3 laboratory, an insectariums, and all the necessary molecular biology facilities are provided by the laboratory.

Post doctoral applicants should have a PhD in Virology. Skills in viral culture, molecular biology and phylogeny are required. A previous experience in tropical virology or emerging infectious diseases will be appreciated.

Applicants are invited to send Curriculum Vitae, a covering letter and references to Hervé Pascalis (herve.pascalis@ird.fr). The deadline for the call is in 2010 October 15th.

For any additional information, please contact Hervé Pascalis (email: herve.pascalis@ird.fr, or phone: +33 262 262 93 88 35).

2. Profile 2: Post-doctoral fellowship on arthropod ectoparasite phylogeography in La Réunion (South Western Indian Ocean)

A 2 year Post Doctoral Fellowship starting in 2011 January 1st (at the latest) is available at CRVOI (www.crvoi.org) on the island of Réunion, to study the biogeography of arthropod ectoparasites in the South Western Indian Ocean, including Madagascar, the archipelagos of the Comoros, Seychelles, and Mascarenes (Mauritius and Réunion).

The fellow will work in the framework of a multidisciplinary research program involving conservation biologists, microbiologists, mammalogists and entomologists, and is aimed at investigating the regional wild fauna and its ectoparasites as hosts and spreaders of infectious agents.

She/He will generate sequence data and use a phylogeographic approach to investigate the colonization history of blood sucking arthropods (in particular ticks and bats ectoparasites) in the region. She/He will benefit from a wide sample collection originating from the region and will bring

to the research team his expertise in phylogeography. The lab is located on Réunion, a tropical island and overseas French department located 400 miles East of Madagascar. It has a very well equipped lab including a BSL3 lab, insectariums and all needed molecular biology facilities.

Post doctoral applicants should have a PhD in Ecology or biogeography. They should be skilled in molecular biology and phylogeny. Knowledge in entomology will be appreciated.

Applicants are invited to send Curriculum Vitae, a covering letter and references to Pablo Tortosa (Pablo.tortosa@ird.fr). The deadline for the call is in 2010 October 15th.

For any additional information, please contact Pablo Tortosa (email: pablo.tortosa@ird.fr, or phone: 00 33 262 262 93 88 39).

3. Application details

Applications can be submitted in English or French and should comprise: a full CV, a covering letter as well as 1 or 2 letters of reference.

4. Submission deadline

The deadline for submission of applications is **October 15th 2010**. Applicants must be able to take up the position by January 1st 2011. Application should be submitted in electronic form to Dr. Hervé Pascalis (hervé.pascalis@ird.fr) and to Dr. Pablo Tortosa (Pablo.tortosa@ird.fr), respectively for Profile 1 & Profile 2. Net month salary for each position will be 2400€.