Post-doc position in arbovirology at Institut Pasteur in Paris

Outline. A post-doctoral position in arbovirology is available in the Insect-Virus Interactions group led by Louis Lambrechts at Institut Pasteur in Paris (www.thelambrechtslab.net). The successful candidate will address the role of virus adaptation to mosquito vectors in arboviral emergence using dengue and/or Zika viruses as models.

Elucidating the viral genetic determinants of successful vector-borne transmission is key to the understanding of arbovirus epidemiology and evolution. Dengue and Zika viruses are Aedes-borne flaviviruses that have recently emerged on a worldwide scale. The successful applicant will take advantage of epidemiologically relevant virus isolates to investigate the genetic determinants of flavivirus adaptation to mosquitoes using a combination of tools including experimental evolution, molecular biology, and vector competence assays.

The position is available immediately but the start date is negotiable. Funds are available for 2 years. Salary will be commensurate with experience according to the Institut Pasteur guidelines.

Qualifications. Applicants must hold (or be about to obtain) a PhD in virology or in a related field, and have demonstrated expertise in viral genetics. Additional experience in mosquito biology is desirable but not necessary. High motivation, English proficiency (oral and written), excellent communication skills and ability to work collaboratively are essential.

Application. Candidates should send their CV, a brief description of their scientific achievements and research interests, and the names of 3 references to Louis Lambrechts (louis.lambrechts@pasteur.fr).