

## Postdoctoral position

### Structural biology of bacterial virulence factors

**Location:** Pathogenesis of vascular infections unit  
Institut Pasteur Paris  
28 rue du Dr Roux  
75015 Paris

#### **Description:**

Infectious diseases remain a major concern to human health. Bacteria responsible for systemic infections are a major burden to society and lead to a wide array of devastating clinical manifestations including septic shock, hemorrhagic syndromes and infection of the brain (meningitis). Determining the structure of the bacterial factors responsible for these infections in particular by Cryo-Electron Microscopy is paramount to the identification of novel therapeutic and preventive approaches.

We are looking for a highly motivated young investigator trained in the fields of biochemistry and structural biology with the will to decipher mechanisms of infectious diseases and develop innovative treatment strategies.

This research will take place in a young and dynamic group with a strong background in infectious diseases studied through different approaches, biochemistry, microbiology, cell biology and animal models of infection. The Institut Pasteur structural biology department and core facilities in protein purification, crystallography and cryo-electron microscopy will contribute to providing a stimulating environment for the project.

This full-time position is for 2-3 years (subject to satisfactory review at 12 month), it will be funded by an ANR grant. Informal inquiries are welcome and should be directed to Dr Guillaume Dumenil at [guillaume.dumenil@pasteur.fr](mailto:guillaume.dumenil@pasteur.fr). To apply please submit by email a letter of interest, *curriculum vitae* and names of two references to Dr Guillaume Dumenil, INSERM U1225, Institut Pasteur Paris, 28 rue du Dr Roux, 75015 Paris, France.