



## ***Immunobiology of Viral Infections***

*International Center for Infectiology Research - CIRI*

*INSERM U1111 - CNRS UMR5308 - University Lyon I - Ecole Normale Supérieure de Lyon, FRANCE*

### **Post-doctoral position in Immuno-Virology**

A two year ANR-funded postdoctoral position is available in our laboratory starting from October 2017, to study immunopathogenesis of **Nipah virus** infection and develop novel therapeutic anti-viral approaches.

Applicants should have a doctoral degree with a strong background in virology and/or innate immune response, and interest in new emerging viruses, with research autonomy and capacity to conduct intellectually and experimentally challenging project.

European or Swiss **nationality** is required for the position. Salary range will depend on past experience according to INSERM scales.

The laboratory is hosted within the **CIRI**, an institute dedicated to multi-disciplinary research in infectious diseases in Lyon-France (**address**: 21 Avenue Tony Garnier, Lyon, France). The CIRI provides an exciting and multi-cultural environment to carry out research, with topics that range from immunology, bacteriology to virology. The Institute provides state-of-the-art facilities that will be used to carry out the project. Laboratory is in close proximity to BSL4 laboratory and also nearby the downtown Lyon, second largest town in France (2h distance by TGV train to Paris, 2h by TGV to Mediterranean sea and 1h distance to closest ski slopes at French Alps).

Closing date for applications: **15th June 2017**, however applications will be considered and reviewed on an on-going basis and therefore the post may be filled before the deadline.

Please include the complete CV and contact details for 2-3 referees to your application and sent by mail to: **Branka HORVAT** [branka.horvat@inserm.fr](mailto:branka.horvat@inserm.fr)

#### **Selected publications of the host laboratory:**

- Mathieu C., Augusto M.T., Niewiesk S., Horvat B., Palermo L.M., Sanna G., Huey D., Castanho M.A.R.B., Porotto M., Santos N.C., Moscona A.: Broad spectrum antiviral activity for paramyxoviruses is modulated by biophysical properties of fusion inhibitory peptides. **Scien. Rep.**, 7:43610, 2017.
- Guillaume-Vasselin V., Lemaitre L., Dhondt K.P., Tedeschi L, Poulard A., Charreyre C. and Horvat B.: Protection from Hendra virus infection with Canarypox recombinant vaccine. **Nature PJ Vaccines**, 1: 16003, 2016. doi:10.1038/npjvaccines.2016.3
- Mathieu C., Dhondt K.P., Châlons M., Mély S., Raoul H., Negre D., Cosset F.L., Gerlier D., Vivès R.R., and Horvat B.: Heparan Sulfate-dependent enhancement of Henipavirus infection. **mBio**, 6(2): e02427-14, 2015.
- Dhondt K.P., Mathieu C., Chalons M., Reynaud J.M., Vallve A., Raoul H. and Horvat B. Type I interferon signaling protects mice from lethal Henipavirus infection. **J. Infect. Dis.** 207: 142-150, 2013.
- Marianneau P., Guillaume V., Wong K.T., Badmanathan M., Looi R.Y., Murri S., Loth P., Tordo N., Wild T.F., Horvat B\* and Contamin H. (\*corresponding author): Primate model for the emergent Nipah virus infection. **Emerg. Infect. Dis.** 16:507-510, 2010.
- Marie J.C., Astier L.A, Rivaille P., Rabourdin-Combe C., Wild T.F. and Horvat B.: Linking innate and acquired immunity: Divergent role of CD46 cytoplasmic domains in T-cell-induced inflammation. **Nature Immunol**, 3: 659-666, 2002.

*April 27, 2017*