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Post-doc in bacteriology / host pathogen interactions, CIRI-Lyon-France

A post-doctoral position in University of Lyon, France is available to study *Francisella tularensis* virulence factors and their role during the intracellular life cycle of this pathogen. *Francisella tularensis* is a bacterium causing tularemia. Its pathogenicity is linked to its ability to replicate intracellularly in the macrophage cytosol. *F. tularensis* virulence relies on the expression of an atypical type six secretion system (T6SS). The T6SS effectors and their host targets are currently unknown. The research project will focus on *Francisella* T6SS and on the factors modulating the innate immune responses of the infected macrophage. The research will mostly use *Francisella tularensis* subspecies *novicida* as a genetically tractable biosafety level 2 pathogen. The experimental approaches developed by the candidate will include experimental evolution, bacterial mutagenesis, biochemistry and cell biology approaches. The research project is a collaborative project involving bio-informatician.

This position is opened in the Center for Infectiology Research (INSERM U1111) in Thomas Henry's team. The Center for Infectiology Research is a highly dynamic environment fostering interactions between immunologists, bacteriologists and virologists and providing all the necessary platforms and facilities for the project. This 2 years position will be opened early 2016.

We are looking for a highly motivated applicant with a PhD in microbiology, host-pathogen interactions or immunology.

For more information and to apply for this position, please contact Thomas HENRY (thomas.henry@inserm.fr). Please include a cover letter addressing your interest in the position along with your CV, summary of your research experience and contact information of two professional references.

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