



Post-doctoral position in Structural Biology of Bacterial Pathogenesis at the IBCP (Lyon, France)

A postdoctoral position is available immediately in the group of Laurent Terradot at the Institut de Biologie et Chimie des Protéines (IBCP), Lyon, (<http://www.ibcp.fr>). We are interested in the structure/function of protein complexes involved in *Helicobacter pylori* pathogenesis. This bacteria is a major pathogen that causes human diseases such as ulcers and gastric cancers. Several projects are available in our laboratory to study 1) virulence factors/receptor interactions (see Tosi *et al.*, Febs L, 2009; Angelini *et al.*, Febs Journal, 2009; Jimenez-Soto *et al.*, PloS Pathogens, 2009) and 2) DNA replication regulation (see Natrajan *et al.*, Mol. Microbiology, 2007; Natrajan *et al.*, PNAS, 2009). Part of the work will be carried out with National and International collaborations.

The IBCP is well equipped for Molecular Biology, Biochemistry, Bioinformatics and Structural Biology and belongs to a larger campus (IFR128- <http://www.ifr128.prd.fr>, Lyon Biopole; Center for Infectiology), giving access to state-of-the-art core facilities. The group has regular access to synchrotron beam time and is ideally located one hour from the European Synchrotron ESRF. Lyon is a vibrant, historical French city and is a world-excellence center in Infectiology.

We are looking for enthusiastic and self-motivated individuals with a strong background in protein purification for structural studies. Experience in protein-protein interactions (Biacore, ITC) and/or study of large complexes would be a plus. Knowledge in Macromolecular Crystallography would be considered an advantage but is not mandatory as training can be provided. Working language of the laboratory is English.

Starting date: **As soon as possible.**

Salary is according to the CNRS french guidelines.

Please send a cover letter, your CV and one (or more) reference letter as a single PDF file to: laurent.terrাদot@ibcp.fr

Address:

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