

## Post-doctoral Position

**A team (head by Prof Monteiro) of the CRI and from the INFLAMEX laboratory of excellence consortium is recruiting a post-doctoral fellow:**

A 36 months postdoctoral position is thus available from November 1st 2015 to analyze the inhibitory function mediated by Fc receptors.

**Team background:** Monomeric immunoglobulins, such as IgA or IgG, are particular antibodies that act as a powerful inhibitor of the immune system through an inhibitory signaling by ITAM bearing Fc receptors involving recruitment of SHP-1 phosphatase. This inhibitory ITAM signaling named **ITAMi**. This was first demonstrated for monomeric IgA (Pasquier et al, Immunity, 2005, Kanamaru et al, J Immunol, 2008, Rossato et al Arthritis & Rheumatology, 2015). Recently, we have shown that FcγRIIA and FcγRIIIA can also induce inhibitory function through monomeric IgG or specific antibody fragments (Aloulou et al, Blood 2012, Ben Mkaddem et al, J Clin Invest, 2014).

**Project:** Recently, we identified a new partners involved in the regulation of ITAMi signaling. The fellow's project is to characterize and analyze the role of these partners implicated in the molecular mechanism that lead to cell inhibition by differential receptor targeting using both biochemical and cell biology approaches. The candidate will work in a collaborative environment in a well-equipped laboratory. (See [www.cri1149.fr](http://www.cri1149.fr) and [www.inflamex.fr](http://www.inflamex.fr))

Applicants should ideally hold a Ph.D. in Immunology/Biochemistry or Cell Biology with previous work experience in molecular biology, biochemical analysis and cell imaging. The candidate should have recently defended her or his thesis to facilitate the recruitment for 3 years with INSERM. Candidates should send a curriculum vitae with publication list, a short summary of research achievements in English, and the names and email addresses of two references before **October, 31<sup>th</sup>, 2015** to the CRI Director, Renato Monteiro ([Renato.monteiro@inserm.fr](mailto:Renato.monteiro@inserm.fr)), to whom informal inquiries can also be addressed.

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