



**Centre de Recherche de Biochimie
Macromoléculaire (CRBM) UMR 5237**

3 years postdoctoral position Protein kinase signalling in human cancer

A 3 years postdoctoral position is available in 2012 in the team "tyrosine kinase signalling in human cancer" of the Macromolecular Biochemistry Research Center (CRBM) of the CNRS in Montpellier, South of France.

The project is focused on the characterization of a novel protein kinase involved in cell dissemination and liver metastasis of colorectal cancer. While originally grouped in the pseudo-kinase subfamily, this novel signalling protein shows kinase activity with important function in the promotion of cellular invasion. Our main objective is to understand how this atypical protein kinase contributes to cellular invasion. Specifically, we wish to understand how this atypical kinase induces protein phosphorylation, identify specific substrates involved in invasive signalling and develop specific inhibitors. This project will be in close collaboration with teams of the Structural Biochemical research Center (CBS), the proteomic platform of the IGF institute and the Cancer Research institute (IRCM) of Montpellier.

The applicant should have a PhD in Biomedical Sciences with a very good background in biochemistry, molecular and cellular biology. A good expertise in protein kinase and molecular oncology would be most valuable. A very good track-record of publications in peer-reviewed journal is also required. Finally, the candidate must be able to work independently and as part of a research team, and show high motivation.

To apply for this position, please send your curriculum vitae and letter of motivation with the names of 3 references to Serge Roche (serge.roche@crbm.cnrs.fr), before the end of January 2012.

