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Post-Doctoral Position in Molecular Modelling at IECB

A position for a post-Doctoral contract in Molecular Modelling is available at IECB (Bordeaux, France, www.iecb.u-bordeaux.fr). This position arises in the frame of an European project within the 7th Framework Programme and will start in Fall 2009 for one year. The expected salary is, at least, 2700 €/month net income but liable to french taxes. Some conditions are attached to this position : the candidate cannot be a french researcher and must not have worked in France for a total of 12 months during the 3 last years.

The name of the project is "Foldamers against protein-protein interactions". Apart IECB, there are two partners : Würzburg University in Germany and an European Pharma. The objectives are to exploit aromatic amide foldamers to disrupt the protein-protein interaction of cytokines from their receptor. This includes the development of synthetic methods to obtain the required foldamers, of strategies to target those to protein surfaces as well as the assessment of the relevant properties of the new molecules.

The candidate must have a good expertise in molecular mechanics and molecular dynamics. A special point: he (she) must have an experience in force-field parametrization. The software intended to be used will be GROMACS.

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