

**Post-Doctoral Position in Molecular Dynamics Based Design of Enzyme Inhibitors,  
Lyon, France**

<http://doctorat.campusfrance.org/CF20170638>

In a public-private partnership with an innovation company located in Lyon, France, a 18-month post-doctoral position is offered at *Institut des Sciences Analytiques* (ISA) within the [Biomolecular Interactions group](#) INTERACT ([http://isa-lyon.fr/?page\\_id=239](http://isa-lyon.fr/?page_id=239)) to develop protocols of molecular dynamics and metadynamics to help the design of high-affinity protein ligands, including efficient enzyme inhibitors. The group and the company have a long-term experience in the affinity analysis using NMR and the chemical synthesis of protein ligands. We expended recently our equipment with dedicated cluster of CPU's and 15 GPU's available on site. The successful candidate will optimally have a strong background in computational physical chemistry or physical biochemistry and interest in innovative medicinal chemistry projects.

Lyon (<http://www.onlylyon.com/en/>) is situated in France in a very enjoyable location and good living standards, next to Switzerland and Italy, efficiently linked to the capital by TGV in 2h and to more than 140 destinations by air.

All inquiries and applications to :

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