

Post-doctoral position in Structural Biology Paris-Saclay University - INRAE

A post-doctoral position in structural biology is available at the ChemSyBio team (Paris-Saclay University, INRAE, Micalis) headed by Dr Olivier Berteau. The project involves structure determination of novel metalloenzymes by X-ray crystallography, with a focus on enzymes catalyzing peptides (RiPPs) post-translational modifications. Our goal is to decipher the mechanism and mode of interactions between these enzymes and their substrate.

We are seeking for a highly motivated post-doctoral fellow with a proven experience in X-ray crystallography. The candidate should have a PhD in structural biology and a good knowledge of crystallography software. He/She should have an experience in protein expression, purification, crystallization and the ability to work in a multi-disciplinary environment. Skills in molecular biology and physico-chemical techniques would be an asset.

Recent publications from our team include: Balty et al., **2020** *JBC*; Balty C *et al.* **2019** *JBC*; 294(40):14512-14525; Parent A. *et al.* **2018** *J Am Chem Soc.* ; 140(7):2469-2477.; Benjdia A *et al.* **2017** *Nature Chemistry* ; 9(7):698-707; Parent A. *et al.* **2016** *J Am Chem Soc.*; 138(48):15515-15518; Benjdia A. *et al.* **2016** *Chem Commun.*; 52(37):6249-52; Benjdia A. *et al.* **2015** *Nat Commun*; 6:8377.

Access to state-of-the-art research facilities will be provided. Our laboratory ([Micalis institute](#)) is part of Paris-Saclay University and located near Paris. The position is offered for one-year, renewable up to 2 years. The salary will be commensurate with experience.

Applications (including CV, description of your research activity indicating your relevant skills and reference letters) should be sent to Dr Alhosna Benjdia (alhosna.benjdia@inrae.fr) and Dr Olivier Berteau (olivier.berteau@inrae.fr).