

## 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 catalyzing post-translational modifications in peptides (ribosomally synthesized and post-translationally modified peptides, RiPPs) in order to decipher their mechanisms and enzyme substrate interactions.

We are seeking for a highly motivated post-doctoral fellow with a proven experience in structural biology. 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 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 two years and 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](mailto:alhosna.benjdia@inrae.fr)) and Dr Olivier Berteau ([olivier.bertheau@inrae.fr](mailto:olivier.bertheau@inrae.fr)).