



LINA ZHAO

From Sweden to France



Project: **Computational enzymology to study new cancer target**

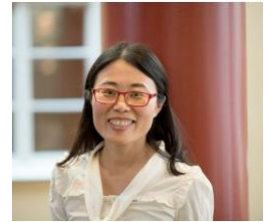
Research topic: **Biology**

Swedish Institution: **Lund University**

French Institution: **IGMM, CBS, INSERM, IHG, CNRS**

Dates of mobility: **29/10/2022 to 20/11/2022**

Program: **SFVE-A (ex FRÖ)**



PRESENTATION

[Dr. Lina Zhao](#) is a computational biochemist and Associate Professor at [Lund University](#). She uses computational approaches to study the function and kinetic profile of biological molecules, with a focus on novel anticancer enzymes. She received her PhD degree in 2014 from [Nanyang Technological University](#) (Singapore) and did her postdoc with [Prof. Arie Warshel](#) (2013 Nobel Prize in Chemistry) at [USC](#) to study enzymatic reactions.

ACTIVITIES IN FRANCE

During her stay in France, Lina Zhao visited the [Institut de Génétique Moléculaire de Montpellier \(IGMM\)](#), where she discussed with [Dr. Daniel Fisher](#), [Prof. Mart Loog](#) and [Dr. Liliana Krasinska](#), notably on phosphatase. Then, Lina Zhao visited the [Centre de Biologie Structurale \(CBS\)](#), [CNRS](#), and discussed with [Dr. Alessandro Barducci](#) on multiscale modelling expertise, and [Dr. Corinne Lionne](#), a structural enzymologist. Here, she met and discussed with [Nathalie Sibille](#), an NMR expert at CBS, and with [Dr. Aurélien Thureau](#) from the [Centre de rayonnement synchrotron](#), who was also visiting CBS at the time.

She also visited the [Institut des Sciences Biologiques \(INSERM\)](#), and discussed with [Pau Bernadó](#) about the poly-Q in Huntington's disease.

Finally, she discussed with [Dr. Kazufumi Mochizuki](#) from the [Institute of Human Genetics \(IHG\)](#) regarding one specific enzyme they both worked on.