



JINGJING ZHOU

168 Avenue d'Italie, 75013, Paris

Telephone : +33 (0)664413636

Email : jingjingzhou15@hotmail.com

Birthday : 1994/06/15

EDUCATION

- 2019- now PhD candidate in Laboratoire Chimie des Processus Biologiques (CNRS-UMR 8229), Collège de France
- 2021- 2022 INSEAD - Sorbonne University : Business Foudation Certificate Programme
- 2018-2019 Paris Descartes University, Faculty of Pharmacy Paris
Master 2 Medical Science - Major: Medicinal chemistry and molecular pharmacology
- 2017-2018 Claude Bernard University Lyon 1, Faculty of Pharmacy Lyon Master 1 Medical Science
- 2013-2017 Reims Champagne-Ardenne University Bachelor Major : Life science and Earth science

PROFESSIONAL EXPERIENCE

2019 - now Paris, France

Internship and PhD thesis , Laboratoire Chimie des Processus Biologiques(CNRS-UMR 8229), Collège de France

Academic supervisor : Béatrice Golinelli-Pinpaneau ; Laboratory director : Pr. Marc Fontecave

> Research project: Nouvelle fonction des centres [4Fe-4S] dans des réactions non-rédox : étude biochimique et structurale de thiouridylases d'ARN de transfert et d'une thiouracile désulfidase

> **List of Publications :**

- Zhou J[^]**, Pecqueur L[^], Aučynaitė A, Fuchs J, Rutkienė R, Vaitekūnas J, Meškys R, Boll M, Fontecave M, Urbonavičius J, Golinelli-Pimpaneau B. Structural Evidence for a [4Fe-5S] Intermediate in the Non-Redox Desulfuration of Thiouracil. *Angew Chem Int Ed Engl*. 2021 Jan 4;60(1):424-431. doi: 10.1002/anie.202011211. Epub 2020 Nov 4. PMID: 32929873.
- Zhou J[^]**, Lénon M[^], Ravanat JL, Touati N, Velours C, Podskoczyj K, Leszczynska G, Fontecave M, Barras F, Golinelli-Pimpaneau B. Iron-sulfur biology invades tRNA modification: the case of U34 sulfuration. *Nucleic Acids Res*. 2021 Apr 19;49(7):3997-4007. doi: 10.1093/nar/gkab138.
- Velours C, **Zhou J[^]**, Zecchin P[^], He N, Salameh M, Golinelli-Cohen MP, Golinelli-Pimpaneau B. Determination of the Absolute Molar Mass of [Fe-S]-Containing Proteins Using Size Exclusion Chromatography-Multi-Angle Light Scattering (SEC-MALS). *Biomolecules*. 2022 Feb 8;12(2):270. doi: 10.3390/biom12020270. PMID: 35204772; PMCID: PMC8961635.
- Zhou J[^]**, Bimai O[^], Arragain S, Pecqueur L, Golinelli-Pimpaneau B* TtuA and TudS, two [4Fe-4S]-dependent enzymes catalyzing non-redox sulfuration or desulfuration reactions. *EIBC, Accepted*.

2019-2021 **Teaching Assistant at Sorbonne Université, UPMC** Major: Biochemistry and Enzymology

2019 **Internship R&D UMR 8038 CNRS- U1268 INSERM - Chimie Médicinale et Recherche Translationnelle**
May-July **(Pr M.VIDAL et Dr W.LIU) Paris Descartes University**

> Second author of publication : «Straightforward oxime ligation: convergent approaches from peptides bearing thiazolidine and aminoxyacetyl groups» Stephane Dufloq et al.

2018 **Project supervised by DR. Ettouati Laurent; Institute of Pharmaceutical and Biological Sciences**
Mar-May

2017 **Quality control operator; CHINA DRUG AND FOOD ADMINISTRATION (Chinese ANSM)**
Jul-Aug