

Li Chen

Lecturer

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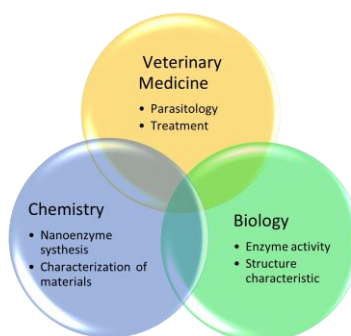


SHORT BIOGRAPHY:

Li Chen obtained his B.Sc. Bioscience and Biotechnology from University of Camerino (Italy) at 2012. In 2013, she went to University of Hyogo (Japan) and did his Ph.D. with Prof. Shiro in "Study of proton pumping mechanisms of bovine cytochrome c oxidase during oxygen catalytic cycle by time resolved IR spectroscopy". At the same year, she joined the "Leading Program in Doctoral Education" from Ministry of Education, Culture, Sports, Science and Technology (Japan). In 2018, as an overseas talent, she works at institute of zoonosis in Jilin University. In 2019, she received the Youth Program of National Natural Science Foundation of China. She published several SCI papers in her filed.

RESEARCH INTERESTS :

- Her research topics are focus on the interdisciplinary between the veterinary medicine, chemistry and biology. Based on the chemical principle with biological techniques to solve the veterinary medicinal problems.



SELECTED PUBLICATIONS :

- Li, C., Nishiguchi, T., Shinzawa-Itoh, K., Yoshikawa, S., Ogura, T., and Nakashima, S*, Performance of a time-resolved IR facility for assessment of protonation states and polarity changes in carboxyl groups in a large membrane protein, mammalian cytochrome c oxidase, under turnover conditions in a sub-millisecond time resolution, *Biochim Biophys Acta Bioenerg*, 2018 May 30;1859.
- Zhang C, Li H, Li C*, Li Z*, Fe-Loaded MOF-545(Fe): Peroxidase-Like Activity for Dye Degradation Dyes and High Adsorption for the Removal of Dyes from Wastewater. *Molecules*, 2019 Dec 31;25(1).

AWARDS:

- 2019 Aug 9th Prize for best oral presentation, the 12th National Symposium on Enzyme Engineering, Changchun, China