

Resume of Juanping Wang

Basic Information



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| School : | School of Life and Health Sciences |
| Gender: | Female |
| Date of Birth: | 198903 |
| Title: | Lecturer |
| Education: | Ph.D of Philosophy |
| Tutor: | Master degree |
| E-mail: | juanping_wang@163.com |
| Interest of research: | Metabolic regulation, proteomics, synthetic biology |

Academic Background

From September 2008 to July 2012, Shanxi University, Bachelor's degree in science;
From September 2012 to January 2019, Institute of Hydrobiology, Chinese Academy of Sciences, Ph.D of Philosophy.

From January 2019 to January 2021, Wuhan University, Postdoctor.

Enrollment Information

1. Enrollment Discipline: bioengineering, Master of Engineering Science
2. Research direction: inhibitors screening, proteomics, regulation of polyamine metabolism
3. Enrollment Year: 2023-2026

Representative Projects

1. Hubei Natural Science Foundation innovation group Project " Study on the regulatory mechanism and intervention of key proteins in the regulatory network of polyamine metabolism in tumor cells", Hubei province, Project participator.
2. Hubei Key Laboratory of Industry Microbiology Project " Screening and identification of *Bacillus* with high yield of lipopeptide", Hubei University of Technology, Project leader.
3. Startup Foundation for Ph.D " Studies on the inhibitors of eukaryotic translation initiation factor", Hubei University of Technology, Project leader.

Representative Articles

1. Interaction between cyanophage MaMV-DC and eight *Microcystis* strains, revealed by genetic defense systems. Harmful Algae, 2019, 85: 101699.
2. Microcystin-LR degradation and gene regulation of microcystin-degrading *Novosphingobium* sp. THN1 at different carbon concentrations. Frontiers in

Microbiology, 2019, 10: 0-1750.

3. Comparative genomics of degradative *Novosphingobium* strains with special reference to microcystin-degrading *Novosphingobium* sp. THN1. *Frontiers in Microbiology*, 2018,9:2238.

4. Trophic status is associated with community structure and metabolic potential of planktonic microbiota in Plateau Lakes. *Frontiers in Microbiology*, 2019, 10: 2560.

5. A large-scale comparative metagenomics study reveals the functional interactions in six bloom-forming *Microcystis*-epibionts communities. *Frontiers in Microbiology*. 2018,9:746.