

Jianqiao Wang

Affiliation: Guangzhou University, China

Research title for the award: Studies on the biodegradation of xenobiotics (recalcitrant environmental pollutants and lignin) by white-rot fungi



Dr. Jianqiao Wang earned her bachelor's degree from Shenyang Agricultural University. She then obtained her master's in Applied Biological Chemistry and later her Ph.D. in Bioscience at Shizuoka University in Japan. Following her academic pursuits, she was awarded the Japan Society for the Promotion of Science (JSPS) Postdoctoral Fellowship to conduct research in Japan from 2015 to 2017. Since 2018, she has gracefully served as an Associate Professor in the School of Environmental Science & Engineering at Guangzhou University.

Dr. Wang's research focuses on the degradation mechanisms of xenobiotics, such as recalcitrant environmental pollutants and lignin using white-rot fungi. Her diligent work in this domain has culminated in over 30 peer-reviewed publications in prestigious journals, including the Journal of Hazardous Materials, Environmental Pollution, and Applied Microbiology and Biotechnology.

[Message as a prize winner]

I am deeply honored and humbled to have received the Young Asian Biotechnologist Prize from the Society for Biotechnology, Japan (SBJ). I must express my profound gratitude to Professor Hirofumi Hirai, my mentor, whose wisdom, guidance, and consistent encouragement have been crucial in my academic journey, introducing me to this fascinating field and always supporting me. Moreover, I thank my family for their unwavering support and companionship. Looking ahead, I remain committed to my research and will continue to strive for excellence. I will also devote myself to collaboration between China, Japan, and the world.

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