

**Dr. Chuanwu Xi**  
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Dr. Xi is a molecular microbiologist and microbial ecologist interested in biofilms and water quality. Research in his laboratory uses molecular and genomic tools to understand molecular mechanisms of persistence and resistance of pathogens in natural, engineered and industrial environments, transmission routes of pathogens from the environments to hosts and their impacts on health of general public and industrial workers. He is particularly interested in the role of biofilms in these processes and the development of novel approaches for intervention of these processes. Prior to his joining the faculty of the University of Michigan in 2005, he spent four years at the University of Illinois at Urbana-Champaign working in the area of environmental biotechnology and received his Ph.D. from Katholieke Universiteit Leuven (Belgium) in 2000. He is teaching two courses: Water Quality Assessment and Microbiology in Environmental Health at the U-M.