

Dr. Li Maria Ma

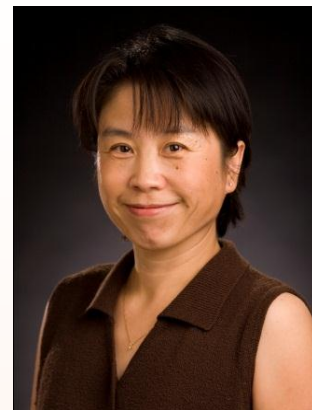
Department Entomology and Plant Pathology

Dr. Li Ma joined the Oklahoma State University faculty in 2009 as an assistant professor of food safety and biosecurity. She earned her bachelor's in food engineering at the Dalian Light Industry Institute in Dalian, China, and her doctorate in food microbiology at Purdue University in West Lafayette, Ind. She completed a post-doctoral appointment at the University of Georgia Center for Food Safety in 2009. She also served as a guest researcher at the Centers for Disease Control and Prevention in Atlanta, Ga. from 2004-2009.

At OSU, she works with the National Institute for Microbial Forensics & Food and Agricultural Biosecurity. Along with the Institute's other researchers, Ma explores issues related to human pathogens and food safety and biosecurity. Her current research interests include:

- Metagenomic studies of microbial ecology related to foodborne pathogens in fresh produce, animals, and the environment
- Development of rapid molecular detection methods for foodborne pathogens in diagnostic and forensic investigations
- Development of novel control strategies for foodborne pathogens

Ma, Michael P. Doyle, and Guodong Zhang hold a U.S. patent for "Competitive Exclusion Bacteria Against *Salmonella* and *Campylobacter* Colonization in Poultry."



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