Curriculum Vitae
MING GUO

ADDRESS

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EDUCATION

Ph.D. in Plant Pathology, Northwest A & F University, China, 1998
M.S. in Plant Pathology, Northwest A & F University, China, 1989
B.S. in Plant Protection, Jiangxi Agricultural University, China, 1986

EMPLOYMENT RECORD

Research assistant professor, University of Nebraska-Lincoln, NE, 2019-present
Research Scientist, Jiangsu Normal University, Xuzhou, China, 2017-2019
Research assistant professor, University of Nebraska-Lincoln, NE, 2007-2017
Senior research associate, University of Nebraska-Lincoln, NE, 2001-2007
Postdoctoral research associate, Tel Aviv University, Tel Aviv, Israel, 1999-2001
Research assistant, Chinese Academy of Sciences, Beijing, China, 1996-1998
Extension scientist, Gansu Academy of Agricultural Sciences, Gansu, China, 1989-1995
Research assistant, Northwest A & F University, China, 1986-1989

TEACHING AND MENTORING ACTIVITY

Biology of Plant Pathogens (PLPT801), fall 2012 and 2013 (co-taught with Dr. Amit Mitra)
Mentoring one or two undergraduate researchers every year 2002-2017
Plant Pathology of Horticultures, Department of Plant Protection at Northwest A & F University, two semesters in 1987 and 1989

JOURNAL REVIEW ACTIVITY

Frontiers in Plant Science
Molecular Plant-Microbe Interactions
Molecular Plant Pathology
Plos One
Microbiology

PUBLICATIONS

Guo, M., Kim, P., Li, G. Y., Elowsky, C., and Alfano, J. R. 2016. A bacterial effector co-opts calmodulin to target the plant microtubule network. *Cell Host & Microbe* 19: 67-78.

Guo, M., Block, A., Bryan, C. D., Becker, D. F., and Alfano, J. R. 2012. *Pseudomonas syringae* Catalases are collectively required for plant pathogenesis. *Journal of Bacteriology* 194: 5054-5064.

Block, A., **Guo**, **M.**, Li. G., Elowsky, C., Clemente, T. E., and Alfano, J. R. 2010. The *Pseudomonas syringae* type III effector HopG1 targets mitochondria, alters plant development, and suppresses plant innate immunity. *Cellular Microbiology* 12: 318-330.

Guo, **M.**, Tian, F., Wamboldt, Y., and Alfano, J. R. 2009. The majority of the type III effector inventory of *Pseudomonas syringae* pv. tomato DC3000 can suppress plant immunity. *Molecular Plant-Microbe Interaction* 22: 1069-1080.

Fu*, Z. Q., **Guo*, M.**, Jeong, B-r., Tian, F., Elthon, T. E., Cerny, R. L., Staiger, D., and Alfano, J. R. 2007. A type III effector ADP-ribosylates RNA-binding proteins and quells plant innate immunity. *Nature* 447: 284-288.