Toward Precision and High-throughput Genome Editing in Plants

Significant advances have been made to engineer and edit plant genome. My research focuses on development of enabling genome editing and synthetic biology technologies for crop improvement. In this talk, the progress toward precise and high-throughput plant genome editing will be presented.

Dr. Zhang is Assistant Professor at Department of Plant and Microbial Biology, University of Minnesota. His research focuses on DNA repair, genome editing and synthetic biology. He obtained Ph.D. from Iowa State University and did postdoctoral research at UGA and Univ. of Minnesota. Prior to joining UMN, he was co-founder and Chief Operating Officer of a genome editing company, Calyxt.