

I am a plant molecular biologist with particular research interest in mechanisms underlying plant disease resistance while coordinating growth and development. My ultimate goal is to translate the knowledge gained from model plants to improve disease resistance of cotton, which serves as a significant source of fiber, feed and oil products. We have pioneered in developing various functional genomic, cellular and biochemical platforms in cotton to understand the disease resistance mechanisms and identify novel components to improve cotton agricultural performance. With the release of genome sequences of diploid and tetraploid cottons, our system and concept generate further excitement and impact on cotton research and will continue to lead cotton functional genomics and molecular biology in the post-genome era. ICGI is an excellent platform connecting cotton researchers worldwide and leveraging intellectual resources for cotton research. I am delighted to get nominated and have a chance to serve the cotton research community. In particular, I would like to get involved in Cotton Functional Genomics section, through which I will strive to share my expertise and knowledge to the community, and foster the community development by organizing and hosting workshops, providing training opportunities, encouraging freely exchange of resources and tools, and increasing the visibility of cotton research.