

Dr. Kuldeep Singh

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Dr. Kuldeep Singh, Director, ICAR- National Bureau of Plant Genetic Resources (NBPGR), New Delhi, is heading India's National Genebank, which is second largest in the world. A Plant Breeder by profession, he has worked extensively on Cytogenetics, Interspecific hybridization, Molecular genetics and Breeding and Genomics of two major cereals - rice and wheat. He has more than 100 publications in refereed journals. His work led to identification of a dozen of new genes and QTL including Xa38, Bph33, Bph34; development and release of 10 varieties and a dozen of genetic stocks in both the crops. Dr Singh led Indian team for sequencing of chromosome 2A of wheat in collaboration with International Wheat Genome Sequencing Consortium. Dr Singh is member of several national and international committees, including co-chair for the Global Information System (GLIS) on Plant Genetic Resources for Food and Agriculture. During his 20 years of teaching in Plant Breeding, Genetics, and Genomics, he has guided 15 MS and 14 Ph D students, with five of his students selected for Monsanto's International Beachell - Borlaug Scholarship.

Title of Key note address:

Unlocking GeneBanks to Ensure Food and Nutrient Security and Environmental Stability