ICGI Breeding & Applied Genomics Workgroup Co-Chair Candidate

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This is Ishwarappa Katageri Ph.D. in Genetics and Plant Breeding, presently Associate Director of Research at University of Agricultural Sciences Dharwad, India. I have been working in cotton research since1987, involved in notification of four cotton varieties and four hybrids for commercial cultivation in south zone of India developed through pest resistance breeding. On my exposure to *invitro* regeneration in cotton during my visit at Texas A and M University (3 months) with Dr Jean Gould, Plant tissue culture techniques at University of Nottingham (6 months as Common wealth fellow) with Dr. Powar and cotton genomics at University of Georgia (2 months as visiting scientist) with Dr. Andrew Patterson, I started working on molecular breeding and fibre genomics. Developed mapping populations, molecular marker linkage maps and identified QTLs for fibre and seed cotton yield and its contributing traits, published in Euphytica, Plant breeding Journal and Indian Journal of Genetics and Plant breeding. Our fibre genomics work is published in BMC genomics, Plant Biotechnology Journal, and Plant Molecular Biology. For all these research work, I received funding on competitive mode from Indian Council of Agriculture Research, GOI and Department of Biotechnology, GOI. I was one of the team members in receiving ICAR National Award for Outstanding Inter-disciplinary Team Research in crop improvement for increasing cotton productivity. I am recipient of Shri.Ramanath Iyer National Award for cotton fiber quality improvement, from Indian Society for Cotton Improvement Mumbai. I am recognized as Fellow of Indian Society for Genetics and Plant Breeding, New Delhi and Cotton Research and Development Association, Hissar. I presented paper during 5 ICGI conferences outside India including the last one at Edinburgh. I am teaching PG courses. I have taken up new project on genome editing through CRISAPAR-CAS9 for suppressing gossypol in cotton seed.