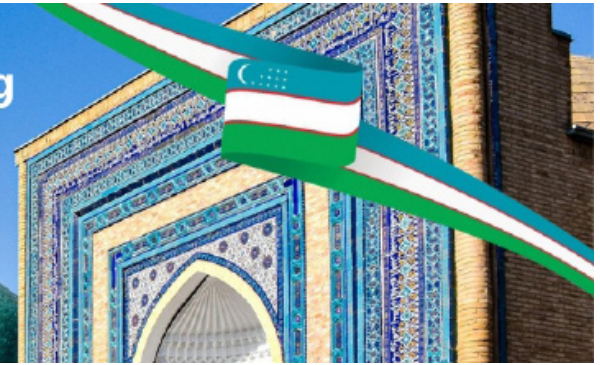




ICAC's 82nd Plenary Meeting

International Hotel
Tashkent, Uzbekistan

29 Sept - 3 Oct 2024



Dr Shukrat Shermatov

Shukhrat Shermatov is the Science Secretary at the Center for Genomics and Bioinformatics, Academy of Sciences of the Republic of Uzbekistan. His research expertise encompasses cotton genomics, transgenomics, and marker-assisted selection. Dr. Shermatov earned his Ph.D. in Molecular Genetics from the Institute of Genetics and Plant Experimental Biology, Academy of Sciences of the Republic of Uzbekistan. His primary scientific focus is on identifying DNA markers linked to cotton fiber quality traits and genes associated with cotton's resistance to drought and salt stress. He has significantly contributed to the development of new cotton varieties and lines resistant to drought, salinity, and Fusarium wilt through RNA interference. Additionally, he is actively involved in advancing marker-assisted breeding programs to develop novel and high-performing cotton cultivars.