



ICAC's 82nd Plenary Meeting

International Hotel
Tashkent, Uzbekistan

29 Sept - 3 Oct 2024



Dr Mirzakamol Ayubov

Mirzakamol Ayubov is Deputy Director of the Center for Genomics and Bioinformatics, Academy of Sciences of the Republic of Uzbekistan. His research interests include cotton genomics, transgenomics, bioinformatics, and marker-assisted selection. Dr. Ayubov received his Ph.D. in genomics, proteomics, and bioinformatics from the Center for Genomics and Bioinformatics at the Academy of Sciences of the Republic of Uzbekistan. His primary scientific interest is in identifying the functions of the phytochrome and eskimo-1 genes using RNA interference technology. By knocking out these genes, he was able to produce several cotton lines with early flowering, superior fiber quality, and higher yields, as well as many abiotic stress tolerant lines. He also contributed to the marker-assisted selection program, which helped to obtain many MAS varieties. Dr. Ayubov has published several scientific papers in international journals. He received ICRA-ASIA Young Scientist Innovation Medal-2023 in 2023.