

NIPGR scientist awarded J C Bose Fellowship

By Dr. Bilqeesa Bhat



Dr. Subhra Chakraborty, NIPGR New Delhi

Dr. Subhra Chakraborty, scientist at National Institute of Plant Genome Research, New Delhi has been awarded the prestigious J C Bose Fellowship by Science and Engineering Research Board (SERB) in recognition of her outstanding performance in the area of plant sciences.

Her major research area includes nutritional genomics, plant immunity & stress genomics, and delayed fruit and vegetable softening. Her team uses various techniques and tools including molecular biology, biochemistry, microarray, RNA seq., proteomic technology, computational biology and genetic transformation to carry out advance research in plant sciences.

Since the nutritional health of humans predominantly depends on plant food, Dr. Chakraborty has mainly focused to improve the nutritional quality of important food crops and fruits. She has widely worked on stress genomics in plants with specific emphasis to fungal diseases. Furthermore, she is interested in enhancing shelf-life of fruits and vegetables to prevent their spoilage.

Dr. Subhra Chakraborty is recipient of various awards and honors. She has received several US patents, PCT- and Indian patents. She has published more than 60 publications in both national and international highly reputed journals. She is also Fellow of Indian Academy of Sciences, Bangalore, National Academy of Sciences, and National Academy of Agricultural Sciences.

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