

## **DBT-NIPGR Director receives Prof. (Mrs.) Archana Sharma Memorial Lecture Award**



New Delhi, Feb 03: Director of DBT-National Institute of Plant Genome Research, New Delhi (DBT-NIPGR), Dr. Subhra Chakraborty, has received Prof. (Mrs.) Archana Sharma Memorial Lecture Award, National Academy of Sciences, India (NASI) in recognition of her outstanding research contributions in the area of plant molecular biology and agricultural biotechnology.

She and her research group at NIPGR focus in the area of nutritional genomics and plant immunity using proteomics, multi omics and system biology approach which have led to enhanced mechanistic understanding underlying nutrient- and patho-stress-responses.

Her sustained research has elucidated the molecular mechanisms, translational remodeling, protein network changes and proteomic pathways, and metabolic fingerprints involved in nutrient improvement and signaling, host-pathogen interactions and multi-host resistance. Her laboratory has discovered several key proteins and used genetic manipulation to develop nutritionally improved and stress adapted crop plants with direct implications in plant and human health and nutrition. Her significant research and guidance in this direction has been vital in the areas of food and nutritional security.

For more details, please visit at:

[http://www.nipgr.ac.in/research/dr\\_schakraborty.php](http://www.nipgr.ac.in/research/dr_schakraborty.php)

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