



Dr. Mst. Sufara Akhter Banu

Senior Scientific Editor



Agricultural Information Centre(AIC)
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1. Career Brief

Dr. Mst. Sufara Akhter Banu is a distinguished plant molecular biologist and currently serves as Senior Scientific Editor at the Bangladesh Agricultural Research Council (BARC), Dhaka. She spent six years in India and Germany conducting advanced research on biotechnology for crop improvement and chloroplast protein import mechanisms. Dr. Banu has developed six innovative technologies and contributed to several research initiatives. Her honors include a Gold Medal from University of Rajshahi, the National Science and Technology Fellowship, a pre-doctoral fellowship from International Centre for Genetic Engineering and Biotechnology, and a postdoctoral research award from Germany. She has co-supervised two MS students and authored over 24 peer-reviewed publications with significant scholarly impact.

2. Area of Expertise

Plant Molecular Biology, RNAi & Gene silencing, Biochemistry, Proteomic, Plant Breeding, Bioinformatics, Biotechnology and Genome editing research for sustainable food security.

3. Professional Experience

Designation	Organization	Service Period
Senior scientific Editor	Bangladesh Agricultural Research Council	2021 ~ Present
Junior Specialist (Technical)	Krishi Gobeshona Foundation (KGF)	2017~2021
Post-Doc Researcher	LMU, Germany	2015 ~ 2017
Research Associate	ICGEB, New Delhi, India	2011 ~ 2014
Research Associate	Sher-e-Bangla Agricultural University	2006 ~ 2008

4. Education

Degree/Study	University	Passing Year
Post-Doc	LMU, Germany	2017
PhD in Plant Molecular Biology	International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India	2014
MS in Genetics and Plant Breeding	Sher-e-Bangla Agricultural University	2008
B.Sc. Ag (Honours)	Rajshahi University	2006

5. No. of Publications (Total 49; Over 443 citations according to google scholar, since 2021)

• Peer Reviewed Journal Articles: 24 Principal Author- (8), Co Author- (16)	• Popular Articles-2 Principal Author- (1), Co Author- (1)
• Book edited/Book Chapters: 19 Annual report: 4, BJA Journal: 7 vol. & 7 Issue, BARC at a Glance	• Others: Newsletter edited Volume (4) & Issue (16)

6. Public Profile

Domain



Link to Profile

<https://orcid.org/0009-0001-7109-4978>

<https://www.researchgate.net/profile/Mst-Banu>

<https://scholar.google.com/citations?user=FnCit0YAAAAJ&h>

<https://www.linkedin.com/in/mst-sufara-akhter-banu-b444393b7/>