

Brief Curriculum Vitae



Name	:	Dr. Tanmoy Sarkar
Designation	:	Scientist-B
Qualification	:	Ph. D. (Biotechnology)
Subject Specialization		Plant Biotechnology (Genetic Transformation, Plant Tissue culture, Molecular Breeding, Plant Molecular Biology)
Date of birth	:	07-08-1980
Sex	:	Male
Present Address	:	Mulberry Breeding and Genetics Laboratory, Central Sericultural Research & Training Institute (CSR&TI), Manandavadi Road, Srirampura, Mysuru-570 008 Karnataka, India
e-mail address	:	tanmoy.dgr@gmail.com, tanmoy.csb@gov.in
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Academic Qualification

Ph. D. thesis title: Development of transgenic resistance to abiotic stress in groundnut using *AtDREB1A* gene through *Agrobacterium* mediated genetic transformation

Degree	University/College	Subject	Year of Passing
B.Sc	Bangalore University, Bengaluru	Biotechnology, Chemistry, Botany	2003
M.Sc	Bangalore University, Bengaluru	Biotechnology	2005
Ph.D.	Saurashtra University, Rajkot, Gujarat	Biotechnology	2015

Research/Academic Experience

Position	Organization	Duration	Responsibility
Scientist- B	CSR&TI (CSB), Mysuru, Karnataka	10.11.2015 to till date	Research
SRF	ICAR-DGR, Junagadh, Gujarat	11.12.2009 to 31.10.2015	Research

JRF	CSIR-CSMCRI, Bhavnagar, Gujarat	02.02.2009 to 04.12.2009	Research
JRF	CSIR-NEIST, Jorhat, Assam	05.06.2007 to 27.01.2009	Research
Lecturer	Brindavan College, Boopsandra, Bengaluru	05.01.2006 to 31.05.2007	Teaching

List of Most Important Recent Five Publications

- Sarkar T**, Radhakrishnan T, Kumar A, Mishra GP, Dobaría JR (2016). Stress inducible expression of *AtDREB1A* transcription factor in transgenic peanut (*Arachis hypogaea* L.) crop conferred tolerance to soil-moisture deficit stress. **Frontiers in Plant Science** 7:935. doi:10.3389/fpls.2016.00935, Impact Factor **4.495**
- Sarkar T**, Radhakrishnan T, Kumar A, Mishra GP, Dobaría JR (2014). Heterologous expression of *AtDREB1A* gene in transgenic peanut conferred tolerance to drought and salinity stresses. **PLoS ONE** 9(12): e110507. doi:10.1371/journal.pone.0110507, Impact Factor **3.234**
- Sarkar T**, Vijay Anand KG, Reddy MP(2010). Effect of nickel on regeneration in *Jatropha curcas* L. and assessment of genotoxicity using RAPD markers. **BioMetals** 23(6): 1149-1158; Impact Factor **2.134**
- Kumar N, Vijay Anand KG, Pamidhimari DVNS, **Sarkar T**, Reddy MP, Radhakrishnan T, Kaul T, Reddy MK, Soporí SK (2010). Stable genetic transformation of *Jatropha curcas* via *Agrobacterium tumefaciens*-mediated gene transfer using leaf explants. **Industrial Crops and Products** 32(1):41-47; Impact Factor **2.837**
- Bhau BS, Medhi K, **Sarkar T**, Saikia SP (2009). PCR based molecular characterization of *Nepenthes khasiana* Hook.f. -Pitcher plant. **Genet Resour Crop Evol** 56:1183–1193; Impact Factor **1.258**

Awards/Prizes/Certificates Received

- Qualified **CSIR-NET** in Life Sciences
- Qualified **ICAR-NET** in Agri. Biotechnology (Twice)
- Qualified **ICAR Senior Research Fellowship (PGS)** for pursuing Ph.D. (Agri. Biotechnology)
- Conferred with **Poster Award** on “Development and Physio-biochemical Characterization of *AtDREB1A* Transgenic Groundnut for Drought Tolerance” at UGC Sponsored One Day National Seminar, Saurashtra University, Rajkot, Gujarat

Research Publications and Trainings

Publications	Numbers
Research Papers	05
Research and Review Abstracts	03
Popular Articles	05
Conferences/Seminars /Symposiums	03
Book Chapters	02
Review Papers	01
Trainings/Workshops	04

Membership of Scientific Societies

1. Life Membership No: L26376, Year 2014; The Indian Science Congress Association, 14, Dr. Biresh Guha Street, Kolkata-700017.
2. Life Membership No: 3522; Year 2015; Society of Biological Chemists (India), Bangalore-560012, India.

Relevant Information

Total impact factor: 13.958, h-index: 4, i-10 index: 3, and Total number of citations: 87

Place : Mysuru

Date :

Signature

(Dr. Tanmoy Sarkar)