

Individual Biodata

Name : Dr. S.Saravanan

Designation : Assistant Professor

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Qualification : Ph.D.,

FieldofSpecialization : Gene cloning, Genetic transformation and Molecular characterization, Gene Expression studies and Tissue culture

Major : Biotechnology

Specializingfield :Molecular characterization in Fish disease diagnosis and disease management

Experience(inyears) : 4.9 Years

Scheme/Project Operated

Currentprojects : (Please provide max5)

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (inRs)	Funding Agency
1.	Standardization of In-vitro propagation of commercially important seaweed of *Gracilaria sp.* in the Pazhaverkadu region for mass multiplication through tissue culture	2023	PI	2.00 lakhs	JTRF-TNJFU

Completedprojects : (Please provide max10)

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (inRs)	Funding Agency
Nil					

Research publications (max–10) : Seven Numbers (7 Nos.) (You may provide your recent bestpublications)

1. Valarmathi R, Rahman H, **Saravanan S,** Jagadeeshselvam N, Ashokkumar K, Sudha M, Chandrababu R and Raveendran M. 2018. OsARD4 encoding an acireductone dioxygenase improves root architecture in rice by promoting the development of secondary roots. **Nat. Sci. Rep.,8:**15713(1-15).
2. **S. Saravanan**, K. K.Kumar, M. Raveendran, D. Sudhakar, L. Arul, E. Kokiladevi, S. Venkatramana and P. Balasubramanian. 2019. Sugarcane Plants Expressing *AtDREB1a* gene Exhibits Drought and Salt-tolerance. *Physiology and molecular biology of Plants.*18:03
3. **Saravanan S**, Kumar K. K, Raveendran M, Sudhakar D, Arul L, Kokiladevi E, Venkatramana S and Balasubramanian P.2018. Genetic engineering of sugarcane for Drought and Salt tolerant transgenic sugarcane plants expressing the *BcZAT12* gene. **Int.J.Curr.Microbiol.App.Sci., 7(7):**1594-1613.
4. **Saravanan S**, Kumar K. K, Raveendran M, Sudhakar D, Arul L, Kokiladevi E, Venkatramana S and Balasubramanian P.2016. Production of Drought and Salt-Tolerant Transgenic Sugarcane Plants Expressing the *AtDREB1A* gene. **BMCBiotechnology.**16:36
5. Antony S, **Saravanan S**, Senthilkumar M and Gopalasamy G. 2015. First Report of Bacterial Wilt Caused by *Ralstonia solanacearumI* Race I Biovar I in Egg-plant (*Solanaum melongena*) in Tamil Nadu, Southern India. (Accepted for Publication in **American Phytopathological Society)**
6. **Saravanan S**, Srinivasan T, Nagarajan P, Senthil N, Gnanam R and Ponnuswami V. 2013. DNA fingerprinting in tomato germplasam accession using RAPD and ISSR Markers. **International Journal of Integrative Biology.14(2):**86-95
7. **Saravanan S**, Shanmugasundaram P, Senthil N and Veerabadhiran P. 2013.Comparison of genetic relatedness among Lablab bean (*Lablab purpureus* (L.) Sweet. Genotypes using DNA markers. **International Journal of Integrative Biology**. 14(1):23-30.

Honours, Awards and Patents :

- Recipient of Young Researcher Award of Institute of Scholars (2020)
- Recipient of Best Poster presentation Award of Tamil Nadu Agricultural University (2015)
- Qualified National Eligibility Test for the Lectureship/Assistant Professor conducted by ICAR – ASRB (NET) 2012