

CURRICULAM VITAE



Sl. No.	Particulars	Details	
1.	Name	Hossain Ali Mondal	
2.	Designation	Assistant Professor	
3.	Department	Genetics and Plant Breeding	
4.	Educational Qualifications	Ph. D.	
5.	Contact Details	(a) Email id: hossainalimondal@gmail.com / hossain_bic@rediffmail.com (b) Phone/Mobile :8345034884, 9932760288	
6.	Post held since (year):	2014	
7.	Area of Specialization :	Genetics, Molecular Biology, Biotechnology, Phloem based plant defense	
8.	No. of Publications:01	a) Research Papers : 21 b) Book Chapters : 01 c) Books : Nil	
9.	Award/Honors:		
Sl. No	Name of Award	Awarding Agency	Year
	Early Career Research (ECR) Award-2016 (DST, Govt. of India) [ECR/2015/000184].		2016
	Post-DoctoralFellow, University North Texas, Texas, USA, February 19, 2010 – November 30, 2013.		2013
	Awarded best poster presentation at the National Symposium on 21st Century Research in Biochemistry & Biophysics organized by Department of Biochemistry & Biophysics, University of Kalyani, West Bengal, during February 1-3, 2007.		2007
	Qualified 'National Level Eligibility Test' (NET-LS)		

	[ICAR India] in the year of 2004.		
	Qualified 'National Level Eligibility Test' (NET-UGC-LS) in the year of 2002 and 2003.		

10. Publications (Best Five):

1. Plant Physiology

Hossain et al., Arabidopsis thaliana *ACTIN DEPOLYMERIZING FACTOR 3* gene is required for controlling green peach aphid feeding from sieve elements. Plant Physiol. Jan 2018, 176 (1) 879-890; DOI: <https://doi.org/10.1104/pp.17.01438>

2. Journal of Plant Biology

Hossain Ali Mondal. Shaping the Understanding of Saliva-derived Effectors Towards Aphid Colony Proliferation in Host Plant. J. Plant Biol. (2017) 60:103-115. DOI 10.1007/s12374-016-0465-x

3. Plant cell

Nobuhiro Suzuki, Gad Miller, Carolina Salazar, Hossain A. Mondal, et al., Temporal-Spatial Interaction between Reactive Oxygen Species and Abscisic Acid Regulates Rapid Systemic Acclimation in Plants. The Plant Cell, Vol. 25: 3553–3569, September 2013.

4. Plant Physiology

Joe Louis, Enrico Gobbato, Hossain A. Mondal, Bart J. Feys, Jane E. Parker and Jyoti Shah. (2012) Discrimination of Arabidopsis PAD4 activities in defense against green peach aphid and pathogens. Vol. 158, pp. 1860–1872.

5. PLoS ONE

Mondal HA, et al., (2011) Allergenicity Assessment of Allium sativum Leaf Agglutinin, a Potential Candidate Protein for Developing Sap Sucking Insect Resistant Food Crops. PLoS ONE 6(11): e27716. doi:10.1371/journal.pone.0027716

11. Projects handled as PI and Co-PI (External funded)

SI No.	Title	Funding Agency	Per iod	Amount of Fund(Rs. lakh)
01	Dissecting the 'interactome' developed at sieve element due to aphid infestation for better understanding of enhanced insecticidal effect in resistant host plant	Science & Engineering Research Board (A statutory body under the Government of India's Department of Science & Technology)	3 years	22.275
02	Quality Parameter Testing of the Acclimatized Valeriana jatamansi in Terai Zone, W.B and Mass Propagation of Valeriana jatamansi, Bergenia ciliata, and Piper longum for Distribution with	Ministry of Ayurveda, Govt. of India	3 years	23.375

03	Production of quality planting materials of some important medicinal plants through Identification, multiplication, supply of health elite genotypes and capacity building programme for improving rural livelihood in Northern part of West Bengal	Ministry of Ayurveda, Govt. of India	3 years	40.34
04	Collection, Conservation, Digitization and Standardization of protocol for Mass Regeneration of Selected Endangered, rare and Vulnerable medicinal plants of North East Region	Ministry of Ayurveda, Govt. of India	3 years	32.289