

Profile of Dr. Moni Gupta

Name	Dr. Moni Gupta
Designation	Associate Professor
Contact Address	Division of Biochemistry, Faculty of Basic Sciences, SKUAST-J Main Campus, Chatha ,Jammu (J&K) -180009
E- Mail	moniguptaskuast@gmail.com
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Professional Experience	19 years
Awards/Honours/Scholarships /Fellowships	<ul style="list-style-type: none"> • Newton Bhabha Award for DBT Cambridge workshop on Women Scientist in Agriculture Leadership in 2016 • BioCARE Fellowship awarded by Dept. of Biotechnology, GOI for the year 2015-2018 • Fellow of Indian Society of Agricultural Biochemists
Area of specialization	Nutritional, Stress Biochemistry and Molecular Biology
Total no. of publications	37(Research articles) 13 (Book chapters) 7 (Technical bulletins) 4 (Popular articles)
Selected Publications (Best Five)	<ul style="list-style-type: none"> • Wali A, Gupta M, Gupta S , Sharma V, Salgotra R.K.and Sharma M. 2020 Lignin Degradation And Nutrient Cycling By White Rot Fungi Under The Influence Of Pesticides. <i>3D Biotech</i>, DOI: 10.1007/s13205-020-02251-z (NAAS Rating: 7.79) • Hamid, A., Mallick, S. A., Gupta M., Gupta, S. and Haq, M.R.U. 2019. Amelioration in gliadin antigenicity and maintenance of viscoelastic properties of wheat (<i>Triticum aestivum</i> L.) cultivars with mixed probiotic fermentation. <i>Journal of Food Science and Technology</i>. 56 : 4282-4295. (NAAS Rating: 7.80) • Sharma, D., Gupta, M., Gupta, S., Jaglan, S. and Mallick, S.A. 2019. Characterization of secondary metabolites produced during interaction of <i>Pseudomonas fluorescens</i> with <i>Fusarium oxysporum</i>. <i>Indian Journal of Agricultural Sciences</i> 89: 998–1004. (NAAS Rating: 6.23) • Choudhary, N., Bawa, V., Paliwal,R., Singh,B., Bhat,M. A., Mir, J.I., Gupta, M .,Sofi, P A., Thudi, M., Varshney, R.K.,Mir, R.R.2018 Gene/QTL discovery for Anthracnose in common bean (<i>Phaseolus vulgaris</i> L.) from North-western Himalayas. <i>PLOS ONE</i>, 1-12 (NAAS Rating: 8.81) • Hamid, A., Mallick, S.A., Gupta, M., Jeelani, I.M. and Gupta, S.2018 Gliadin protein antigenicity and health benefitting potential of Indian bread wheat (<i>Triticum aestivum</i> L.) varieties. <i>Journal of Food Science and Technology</i> 55:4841–4850 (NAAS Rating: 7.26)
No. of Books/manuals/Monographs	2 (UG Practical Manual, Experiments in Stress Biochemistry)
Research Projects handled/in hand as PI/Nodal officer	2 as Principal Investigator and Mentor (Funded by Dept. of Biotechnology, Govt. of India)
Professional assignment	Reviewer of Journal of Tropical Forest Science, Indian Journal of Agricultural Biochemistry, Journal of Food Science and Technology, Journal of Biochemistry and Plant Biotechnology