



RESEARCH JOURNAL OF BIOTECHNOLOGY

VOL. 17 (2), FEBRUARY 2022

**JOURNAL IS INDEXED IN SCOPUS,
CHEMICAL ABSTRACTS, NAAS, UGC,
WEB OF SCIENCE AND
ESCI HAVING IMPACT FACTOR 0.233**

RESEARCH JOURNAL OF BIOTECHNOLOGY

An International Peer Reviewed Research Journal of Biotechnology, Nanotechnology, Biological Sciences
Res. J. Biotech., Volume 17(2), Pages 1-186, February 2022, SCI Impact Factor 0.233

Editor- in- Chief (Hon.)
Dr. Shankar Lal Garg
 Indore, INDIA

Correspondence Address:
"Research Journal of Biotechnology"
 Sector AG/80, Scheme No. 54, Indore 452 010 (M.P.) INDIA
 Mobile: +91-94250-56228

Web Site: <https://www.worldresearchersassociations.com>

E-mail: info@worldresearchersassociations.com

CONTENTS

Research Papers:		
1.	GC-MS and LC-QTOF-MS Phytochemical analysis, antiproliferative and antioxidant activities of stems extracts of <i>Retama monosperma</i> grown in Algeria - Tighilet Karim, Palacios Francisco, Khettal Bachra and de los Santos Jesús M.	1-14
2.	Apoptosis inducing potential of Cyclosporine C in human lung cancer cells (A549) - Pravallika Sagi, Tharani L.R., Rupachandra S. and Selvam Mario Prateek	15-21
3.	Bioremediation of melanised poultry feather waste for production of mosquitocidal keratinase - Mandal Arpita, Paul Tanmay and Mondal Keshab Chandra	22-30
4.	Phytochemical analysis and antibacterial activity of <i>Punica granatum</i> L. seed extract against clinically isolated uropathogens - Dash Khirabdhhi Tanaya, Parida Banojini and Das Sarita	31-47
5.	Analysis genetic variation and phylogenetic relationships of local lotus collected in Thua Thien hue province, Vietnam by DNA barcoding - Long Dang Thanh, Hong Hoang Thi Kim and Tram Le Ly Thuy	48-56
6.	Multiplex PCR: A Molecular Modality for Rapid Detection of <i>CTX-M-15</i>, <i>AAD AI</i> and <i>QNR S1</i> Genes among Drug Resistant Clinical Isolates of Enterobacteriaceae in Kanchipuram, South India - Rubala Nancy J., Gururajan Gayathri, Murugan N. and Kaliyaperumal Kathireshan	57-63
7.	Selection of suitable reference gene for gene expression studies during groundnut seed germination - Chaudhari H.A., Antala V.G., Radadiya N.G., Mahatma M.K. and Tomar R.S.	64-71
8.	Standardization of protocol for shoot regeneration in <i>Bacopa monnieri</i> (L.) Pennell using leaf explants - Chauhan Ruchi and Shirkot Poonam	72-77
9.	Screening and optimization of candidate alkaline protease for dehairing potential from marine <i>Bacillus paramycoides</i> M2 - Mandragutti Teja, Dokka Muni Kumar, Sanapala Pavani, Karrotu Chandana Vineela and Godi Sudhakar	78-89
10.	<i>NifH</i> gene analysis of endophytic bacteria of sweet potato under various climatic locations - Ali Md. Arshad, Hafiz Md Hafizur Rahman, Salehin Ahsanul, Hayashi Shohei and Itoh Kazuhito	90-93
11.	Genetic profiling of Mitochondrial DNA revealed two variants of U2 haplogroup associated with T2DM in a South Indian population - Lakshmi G.L., Dasgupta Shruti, Salman Mohammed, Singh Mugdha and Sanjay K.R.	94-101
12.	Induction of oxidative stress upon low level exposure of arsenic using lipid peroxidation assay in freshwater fish <i>Channa punctatus</i> - Jha Deepak Kumar, Mishra Bipin B., Pranay Kumar, Khan P.K. and Yashvardhini Niti	102-106

13.	Comparative analysis of defence responses <i>Triticum aestivum</i> L in response to the endophytic <i>Pseudomonas aeruginosa</i> PM389 and the non-host microbial pathogens <i>Erwinia carotovora</i> and <i>Fusarium monaliforme</i> - Gupta G., Das Gupta A. and Jha P.N.	107-117
14.	Establishment of an efficient <i>in vitro</i> propagation system for <i>Holostemma annulare</i> (Roxb.) K. Schum. using SH medium - Smitha Devi P.S., Preetha T.S. and Hemanthakumar A.S.	118-124
15.	Development and standardization of culture media prepared by sugarcane juice, a natural source for causal agent of sugarcane red rot disease <i>Colletotrichum falcatum</i> - Vandana Priyam, Singh Dinesh, Srivastava Sangeeta and Guru Dayalram Guru	125-142
16.	Expression of Estrogen Receptor Alpha (ESR1) in Breast Cancer: Role in Critical Diagnosis - Nayak B.B., Achary K.G. and Singh S.	143-148
Review Papers:		
17.	A review on beauvericin production from <i>Fusarium</i>, its biosynthesis, mode of action and bioactivities - Rana Shiwali and Singh Sanjay Kumar	149-157
18.	A review of the co-digestion of different organic wastes in biogas production - Thiruvengadam S., Kamalesh R., Gokula Narayanan S. and Sankar M.	158-172
19.	The Role of TLRs in the Immunomodulation of Tumor Microenvironment - Singh Reetika and Das Asmita	173-180
20.	An insight into neurotoxicity effects associated with Organophosphate exposure - Choudhury Suman and Kalita Jogen Chandra	181-186

❖ EDITORIAL BOARD: P IV ❖