

RESEARCH JOURNAL OF BIOTECHNOLOGY Vol. 17 (7), July 2022





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

E-ISSN 2278-4535 PRINT-ISSN 0973-6263

RESEARCH JOURNAL OF BIOTECHNOLOGY

An International Peer Reviewed Research Journal of Biotechnology, Nanotechnology, Biological Sciences Res. J. Biotech., Volume 17(7), Pages 1-167, July 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

Rese	arch Papers:	
1.	Phylogenetic analysis of black piper (<i>Piper</i> spp.) population collected in different locations of Viet Nam based on the <i>ITS_{UI-4}</i> gene region - Sonexay Rasphone, Long Thanh Dang, Nhi Thi Hoang Ho, Co Quang Nguyen and Hai Thi Hong Truong	1-9
2.	Antioxidant potential of biosynthesized zinc oxide nanoparticles from Sargassum polycystum aqueous extract - Deenathayalan and Durairaj Brindha	10-15
3.	The Potential of Nitrogen Applied Rapeseed (<i>Brassica napus</i> L) in Remediation of Cadmium Polluted Soil - Gulmezoglu N. and Daghan H.	16-22
4.	Cytotoxic effect of partially purified conotoxin from <i>Conus virgo</i> on Human Colon Cancer cell line HT-29 - Ganesan Dhana Sekaran, Munusamy Sudanthiradevi and Chinnasamy Arulvasu	23-30
5.	Mycosynthesis and characterization of silver nanoparticles isolated from fungus <i>Penicillium crustosum</i> isolated from <i>Taxus baccata</i> Linn Sharma Ankush, Sagar Anand and Rana Jyoti	31-40
6.	Biosynthesis, Characterization, Anticancer activity and Drug delivery of Gold Nanoparticles synthesised from local isolate of <i>Proteus mirabilis</i> - Lubna Abdulazeem, Saade Abdalkareem Jasim and Sumaya Ayad Abdulrazzaq	41-47
7.	Phytochemical, antimicrobial, antioxidant, antigenotoxic and antimutagenic efficacy of Catharanthus roseus leaves by different extracts - Sharma Amit, Dhanda Anita, Bhardwaj Pushpender, Yadav Anita and Aggarwal Neeraj K.	48-56
8.	Immobilization of porcine pancreatic lipase on Celite: optimization using a full factorial experimental design - Saihi Y., Benouis S., Kraim K. and Ferkous F.	57-64
9.	Assessment of Simple Methods to preserve Pure Cultures of Aspergillus Versicolor and Aspergillus Niger - Merheb Maxime, Matar Rachel, Marton John, Hodeify Rawad and Vazhappilly Cijo	65-67
10.	Bioconversion of waste lubricant oil by Achromobacter xylosoxidans PSA5 employing a Central Composite Design approach for enhanced biosurfactant production - Kopalle Parimala and Pothana Shanmukha Anand	68-77
11.	FTIR study on the cellular chemical composition of <i>Allium cepa</i> L. seedlings under salt stress - Riazunnisa K., Sai Sudha G., Krishna Rao K.S.V. and Chandrasekhar T.	78-85

12.	Production of microgreens in different soil conditions and their nutraceutical analysis - Partha Pratim Kalita and Sutila Barchung	86-90
13.	Autolysis of spent baker's yeast generated from sago bioethanol fermentation: a preliminary study - Mahmod Nik Nur Aziati, Suhaili Nurashikin, Awang Husaini Awang Ahmad Sallehin and Awang Adeni Dayang Salwani	91-97
14.	Isolation, characterization and evaluation of plant growth promoting activities of bacterial endophytes of tea (Camellia sinensis (L.) O. Kuntze) - Nath Ratul, Tamuly Dulumoni, Sharma Gauri Dutta and Barooah Madhumita	98-110
15.	FTIR and GC-MS Analysis of Curcumin Loaded Chitosan Hydrogel for Diabetic Wound - Gupta Megha, Sharma Arpit, Beniwal Chandra Shekhar and Tyagi Priyanka	111-117
16.	Isolation, purification and biochemical characterization of a thermophilic alkaline protease from hot water spring bacteria - Puntambekar Ashwini N., Lokhande Kiran Bharat, Venkateswara Swamy K. and Dake Manjusha S.	118-129
Shor	t Communication:	
17.	Initial Survey of Staphylococcus Bacteriophages and Simple Modifications in the Enrichment Method for Enhancing Plaques - Rai Akanksha and Khairnar Krishna	130-133
Revi	ew Paper:	
18.	Angiotensin-(1-7): A novel therapeutic target for preventing cardiovascular disease - Gupta Jeetendra Kumar, Singh Krishanveer and Singh Kuldeep	134-143
19.	A Comprehensive review on antihyperglycemic phytochemicals from Western Ghats plant species and their mechanism of action - Shashikumar R., Santhosh K.H., Lakshmi B.S., Ghosh Rajesh and Ravindranath B.S.	144-155
20.	Role of osmoprotectants: transgenic approach for different stresses - Prabhavathi, Bamel Kiran, Mal Anuradha and Pandey Roopali	156-163
21.	The global epidemiology of Japanese Encephalitis virus infection - Kumari Namrata, Talukdar Anjan Jyoti, Medhi Subhash and Deka Manab	164-167

❖ EDITORIAL BOARD: P IV ❖