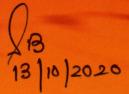


The Official Publication of the Association of Microbiologists of India



Indian Journal of Chicago

Microbiology





Indian Journal of Microbiology

Volume 60 | Number 3 | July-Sept 2020

CONTENTS

Review	y Articles	
1.	Deploying Biomolecules as Anti-COVID-19 Agents	263
	S.K.S. Patel · JK. Lee · V.C. Kalia	
2.	Overview of Alternaria alternata Membrane Proteins	269
	R. Wang · P. Zhao · X. Ge · P. Tian	
3.	Complement Evasion Strategies of Human Pathogenic Bacteria	283
	S. Sharma · R. Bhatnagar · D. Gaur	
4.	A Recent Overview of Microbes and Microbiome Preservation	297
	O. Prakash · Y. Nimonkar · D. Desai	
Origin	al Research Articles	
	Prediction of Transcription Factors and Their Involvement in Regulating Rifamycin Production	
	in Amycolatopsis mediterranei S699	310
	N. Singhvi · V. Gupta · P. Singh · O. Prakash · A. Bechthold · Y. Singh · R. Lal	
6.	Biomethanol Production from Methane by Immobilized Co-cultures of Methanotrophs	318
	S.K.S. Patel · R.K. Gupta · V. Kumar · S. Kondaveeti · A. Kumar · D. Das · V.C. Kalia ·	
	JK. Lee	
7.	Comparative Genomics of a Paddy Field Bacterial Isolate Ochrobactrum sp. CPD-03: Analysis	
	of Chlorpyrifos Degradation Potential	325
	T. Nayak · A.N. Panda · K. Kumari · T.K. Adhya · V. Raina	
8.	- r	
	by Lactobacillus plantarum SP8 and the Exopolysaccharides Antioxidant Activity Test	334
	L. Zhang · B. Zhao · CJ. Liu · E. Yang	
9.		
	Some Bacteria When Added to Unpasteurised Apple Juice	346
4.0	Ł. Wajda · Z. Rękas · T. Tarko · A. Duda-Chodak · A. Liebersbach · M. Makarewicz	
10.	a continue of the continue of	252
	Cold-Adapted Hydrogen Peroxide-Tolerant Exiguobacteium and Psychrobacter	353
1.1	Y. Hanaoka · H. Kimoto · K. Yoshimume · I. Hara · H. Matsuyama · I. Yumoto	
11.	Bacterial and Archaeal Communities within an Ultraoligotrophic, High-altitude Lake in the	262
	Pre-Himalayas of the Qinghai-Tibet Plateau P. Wong P. Hong O. Long V. Coo. I. Ving C. Shon D. Zhu	363
	R. Wang · R. Han · Q. Long · X. Gao · J. Xing · G. Shen · D. Zhu	
Short (Communications	
	VBA-AMF: A VBA Program Based on the Magnified Intersections Method for Quantitative Recordi	ng
	of Root Colonization by Arbuscular Mycorrhizal Fungi	374
	W. Hu · L. Pan · H. Chen · M. Tang	
13.	Bioactive Pigments from Isolated Bacteria and Its Antibacterial, Antioxidant and Sun Protective	
	Application Useful for Cosmetic Products	379
	J. Choksi · J. Vora · N. Shrivastava	
14.	Combinatorial Biobleaching of Mixedwood Pulp with Lignolytic and Hemicellulolytic Enzymes	
	for Paper Making	383
	S. Angural · M. Rana · A. Sharma · R. Warmoota · N. Puri · N. Gupta	

15.	Atrazine Bioremediation and Its Influence on Soil Microbial Diversity by Metagenomics Analysis	388
	P. Bhardwaj · K.R. Singh · N.B. Jadeja · P.S. Phale · A. Kapley	
16.	Tryptic Mapping Based Structural Insights of Endo-1, 4-β-Xylanase from <i>Thermomyces lanuginosus</i>	
	VAPS-24	392
	B.N. Mathibe · S. Malgas · L. Radosavljevic · V. Kumar · P. Shukla · B.I. Pletschke	
17.	A Lesson Learned from the Outbreak of COVID-19 in Korea	396
	KM. Ha	
Scient	ific Correspondence	
18.	Understanding SARS-CoV-2: Genetic Diversity, Transmission and Cure in Human	398
	A. Bajaj · H.J. Purohit	
Obitua	aries	
19.	The Fountain of Microbial World: Prof. Santosh Kumar Goyal	402
	V.C. Kalia	
20.	The Visionary Torch Bearer of Indian Agriculture: Prof. Virender Lal Chopra	404
	V.C. Kalia	

The copies of the journal to members of the association are sent by ordinary post. If any of the member wishes to receive the copies by registered post or courier, kindly contact the journal's/publisher's office. Membership or subscription copies returned due to incomplete, incorrect or changed address for two consecutive occasions, would force us to delete the names from the mailing list of the journal. Providing complete, correct and up-to-date address is the responsibility of the members. The editorial board, association or publisher will not be responsible for non-receipt of copies due to incorrect or incomplete address. The copy received for personal use by a member of the association/society, should not be sold or given away for commercial or library use. It is also illegal to acquire copies from any other source without subscribing to the journal.