

CONTENTS

Review Articles

1. Gelatin Binding Proteins in Reproductive Physiology 383
S. Kumar · A. Tinson · B.P. Mulligan · S. Ojha
2. High Throughput Sequencing: An Overview of Sequencing Chemistry 394
S. Ambardar · R. Gupta · D. Trakroo · R. Lal · J. Vakhlu

Original Articles

3. Evaluation of Pathogenicity of the Fungi *Metarhizium anisopliae* and *Beauveria bassiana* in Hazelnut Weevil (*Curculio nucum* L., Coleoptera, Curculionidae) Larvae 405
Y. Cheng · T. Liu · Y. Zhao · W. Geng · L. Chen · J. Liu
4. Antifungal, Anticancer and Aminopeptidase Inhibitory Potential of a Phenazine Compound Produced by *Lactococcus* BSN307 411
K.K. Varsha · G. Nishant · S.M. Sneha · G. Shilpa · L. Devendra · S. Priya · K.M. Nampoothiri
5. Antibiotic Resistance Patterns and Related Mobile Genetic Elements of Pneumococci and β -Hemolytic Streptococci in Thai Healthy Children 417
P. Tantivitayakul · J. Lapirattanakul · T. Vichayanrat · T. Muadchiengka
6. GC–MS Analysis of Bio-active Molecules Derived from *Paracoccus pantotrophus* FMR19 and the Antimicrobial Activity Against Bacterial Pathogens and MDROs 426
I. Faridha Begum · R. Mohankumar · M. Jeevan · K. Ramani
7. *Fusarium tricinctum*, An Endophytic Fungus Exhibits Cell Growth Inhibition and Antioxidant Activity 433
M. Vasundhara · M. Baranwal · A. Kumar
8. Kinetics of Synthesis of Gold Nanoparticles by *Acinetobacter* sp. SW30 Isolated from Environment 439
S.A. Wadhvani · U.U. Shedbalkar · R. Singh · P. Vashisth · V. Pruthi · B.A. Chopade
9. Study on Antioxidant Enzymatic Activities of *Trichosporon asahii* 445
Y. Zhang · H. Li · R. Yang · C. Wang
10. Isolation and Analysis of Salt Response of *Lactobacillus plantarum* FS5-5 from Dajiang 451
X. Song · Q. Wang · X. Xu · J. Lin · X. Wang · Y. Xue · R. Wu · Y. An
11. Studies on Siderophore and Pigment Produced by an Adhered Bacterial Strain *Halobacillus trueperi* MXM-16 from the Mangrove Ecosystem of Goa, India 461
A. Kharangate-Lad · S. Bhosle
12. Characteristics of a Recombinant 2,3-Dihydroxybiphenyl 1,2-Dioxygenase from *Comamonas* sp. Expressed in *Escherichia coli* 467
N. Lee · D.Y. Kwon
13. Production of Star Fruit Alcoholic Fermented Beverage 476
F.P. Vallm · E. Aguiar-Oliveira · E.S. Kamimura · V.D. Alves · R.R. Maldonado
14. The Development of Simple Methods for the Maintenance and Quantification of *Polymyxa graminis* 482
S. Tyagi · R. Sultana · H.-J. Ju · W.-H. Lee · K. Kim · B. Lee · K.-J. Lee
15. Rapid Identification and Quantification of *Aureococcus anophagefferens* by qPCR Method (Taqman) in the Qinhuangdao Coastal Area; A Region for Recurrent Brown Tide Breakout in China 491
L. Wang · K. Lei

16.	Screening of <i>Bacillus</i> Strains from Sun Vinegar for Efficient Production of Flavonoid and Phenol C. Zhao · X. Zhao · J. Zhang · W. Zou · Y. Zhang · L. Li · J. Liu	498
Short Communications		
17.	Cloning of <i>merA</i> Gene from <i>Methylothermobacter Mobilis</i> for Mercury Biotransformation S. Porwal · R. Singh	504
18.	Radiation-Tolerant Bacteria Isolated from High Altitude Soil in Tibet S. Rao · O.W. Chan · D.C. Lacap-Bugler · S.B. Pointing	508
19.	<i>Mannheimia haemolytica</i> and <i>Bibersteinia trehalosi</i> Serotypes Isolated from Merino Breed Lambs in Extremadura (Southwestern Spain) S. Fernández · J. Galapero · L. Gómez · C.J. Pérez · D. Cid · M.C. Martín · J.M. Alonso · J. Rey	513
20.	Investigating the Effect of Tissue Size on Mycelial Growth of Seven Mushroom Species by Using a Novel Device for Precise Tissue Isolation S.-R. Liu · W.-R. Zhang · A.-P. Chen · Y.-B. Kuang	516

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.