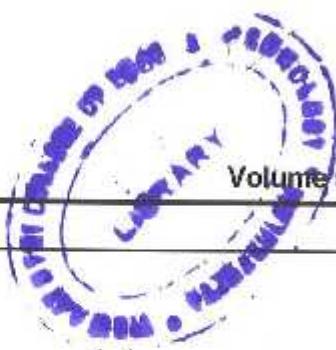


CONTENTS



Review Article

1. Plausible Drug Targets in the *Streptococcus mutans* Quorum Sensing Pathways to Combat Dental Biofilms and Associated Risks 349
G. Kaur · S. Rajesh · S.A. Princey

Original Articles

2. *Thermus parvatiensis* RL^T sp. nov., Isolated from a Hot Water Spring, Located Atop the Himalayan Ranges at Manikaran, India 357
V. Dwivedi · K. Kumari · S.K. Gupta · R. Kumari · C. Tripathi · P. Lata · N. Niharika · A.K. Singh · R. Kumar · A. Nigam · N. Garg · R. Lal
3. Genome Wide Search for Biomarkers to Diagnose *Yersinia* Infections 366
V.C. Kalia · P. Kumar
4. Genome Wide Analysis for Rapid Identification of *Vibrio* Species 375
V.C. Kalia · P. Kumar · R. Kumar · A. Mishra · S. Koul
5. Identification of Recombination and Positively Selected Genes in *Brucella* 384
U.S. Vishnu · J. Sankarasubramanian · J. Sridhar · P. Gunasekaran · J. Rajendhran
6. Phylogenetic Profiling and Diversity of Bacterial Communities in the Death Valley, an Extreme Habitat in the Atacama Desert 392
F. Plubeli · M. de Lourdes Moreno · L.T. Kishi · F. Henrique-Silva · M.T. García · E. Mellado
7. Molecular Detection of New Delhi Metallo-Beta-Lactamase 1 (NDM-1) Positive Bacteria from Environmental and Drinking Water Samples by Loop Mediated Isothermal Amplification of *bla_{NDM-1}* 400
P. Rathinasabapathi · D.S. Hiremath · R. Arunraj · M. Parani
8. A Greenhouse Assay on the Effect of Applied Urea Amount on the Rhizospheric Soil Bacterial Communities 406
S. Shang · Y. Yi
9. Bioconversion of Raw Glycerol Generated from the Synthesis of Biodiesel by Different Oleaginous Yeasts: Lipid Content and Fatty Acid Profile of Biomass 415
F. Spier · J.G. Buffon · C.A.V. Burkert
10. Probiotic Strains Influence on Infant Microbiota in the In Vitro Colonic Fermentation Model GIS1 423
V.I. Moroceanu · E. Vamanu · G. Paun · E. Neagu · O.R. Ungureanu · S.A.V. Eremia · G.-I. Radu · R. Ionescu · D.R. Pelinescu
11. Microbial Variants from Iron Ore Slimes: Mineral Specificity and pH Tolerance 430
Abhilash · A. Ghosh · B.D. Pandey · S. Sarkar
12. Strain Improvement of *Streptomyces xanthochromogenes* RIA 1098 for Enhanced Pravastatin Production at High Compactin Concentrations 440
V.V. Dzhavakhiya · T.M. Voinova · E.V. Glagoleva · D.V. Petukhov · A.I. Ovchinnikov · M.I. Kartashov · B.B. Kuznetsov · K.G. Skryabin
13. Improvement in Oil Production by Increasing Malonyl-CoA and Glycerol-3-Phosphate Pools in *Scenedesmus quadricauda* 447
A.E. Gomma · S.-K. Lee · S.M. Sun · S.H. Yang · G. Chung

Opinion Article

14. The Tussle Between Mycobacteria and Host: To Eat or Not To Eat

A. Bhaduri · R. Misra · N. Dhamija

456

Short Communications

15. A Method for Cell Culture and Maintenance of Ammonia-Oxidizing Archaea in Agar Slab

Y.-J. Chu · J.-Y. Lee · S.-R. Shin · G.-J. Kim

460

16. The Incidence of Non-tuberculous Mycobacterium Lung Disease in Patients with Suspected Pulmonary Tuberculosis

M.H. Kim · Y.H. Kim · S.Y. Kang · W.I. Lee

464

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.