

## CONTENTS

- 1637-1645 Donny Kusuma Hardjani, Gede Suantika and Pingkan Aditiawati**  
Nutritional Profile of Red Seaweed *Kappaphycus alvarezii* after Fermentation using *Saccharomyces Cerevisiae* as a Feed Supplement for White Shrimp *Litopenaeus vannamei* Nutritional Profile of Fermented Red Seaweed
- 1647-1653 Ji-Hyeong Cho, Mun-Gyeong Cho, Sanjeev Kumar Dhungana, Hye-Ryun Kim, Dong-Joon Kim and Il-Doo Kim**  
Influence of Ripe Persimmon on Quality Characteristics and Antioxidant Potential of Sparkling Wine
- 1655-1664 Basma A. ElAwady, Mera G. Anan, Hamida A. Gohar and Mohamed H. Saleh**  
Detection of OXA-48-Carbapenemase-Producing *Enterobacteriaceae* using ChromID OXA- 48 in Critical Care Patients in Egypt
- 1665-1673 W. Sutthisa and N. Sanoamuang**  
Identification of *Pycnoporus coccineus* KKUPN1 and Effect of Colchicine Treatment on Growth and Enzyme Production
- 1675-1686 Abdullah Safar Al-Thubiani and Mohd Sajjad Ahmad Khan**  
The Prebiotic Properties of Date Palm (*Phoenix dactylifera L.*) Seeds in Stimulating *Probiotic Lactobacillus*
- 1687-1693 Karim Hassan and Marwan ElBagoury**  
The Domestic Student Kitchen: A Microbiological Hazard?
- 1695-1706 Carmen Rizzo, Giuseppa Genovese, Marina Morabito, Caterina Faggio, Maria Pagano, Antonio Spanò, Vincenzo Zammuto, Simona Armeli Minicante, Antonio Manghisi, Rosalia Maria Cigala, Francesco Crea, Fabio Marino and Concetta Gugliandolo**  
Potential Antibacterial Activity of Marine Macroalgae against Pathogens Relevant for Aquaculture and Human Health
- 1707-1711 Amal Abdulaziz Aljuraifani and Azzah Ibrahim Alghamdi**  
Cost-Effective with Silver Alloys in Water
- 1713-1719 Suman Abhishek, Anil Kumar Gupta and Anjuvan Singh**  
Kinetic Models Demonstrate Ability of *Staphylococcus aureus* to Uptake Heme from *Beta vulgaris* Proteins
- 1721-1728 Sujan Dey, Mohammad Seraj Uddin and Mohammed Abul Manchur**  
Physicochemical and Bacteriological Assessment of Surface Water Quality of the Karnaphuli River in Bangladesh

## CONTENTS

- 1729-1735 Hussein O.M. Al-Dahmoshi, Hasananin K. Al-Sharef, Noor S. Al-Khafaji, Jawad A. Al-Asskar and Alyaa S. Karkosh**  
Rapid Detection and Antibiotic Susceptibility of Genital Mycoplasma Isolated from Male with Urethritis and Prostatitis, Iraq
- 1737-1748 Sufia Irfan and Aishah AlAtawi**  
*Eichhorhria crassipes* (Mart.) Solms. Application of Macrophyte in Heavy Metals Removal
- 1749-1755 Mamdouh M. Esmat, Ahmed G. Abdelhamid, Sabah A. Abo-ELmaaty, Mohamed A. Nasr-Eldin, Mervat G. Hassan, Abeer A. Khattab and Ahmed Esmael**  
Antibiotics and Phage Sensitivity as Interventions for Controlling *Escherichia coli* Isolated from Clinical Specimens
- 1757-1765 H.P. Jai Shanker Pillai**  
Optimization of Process Conditions for Effective Degradation of Azo Blue Dye by *Streptomyces* DJP15
- 767-1776 Malika Talhi-Mekhici, Bertrand Cornu, Rahma Talhi- Mehaya, Djemaia Sahraoui, Wafaa Dib, Leila Amel Yazzi, Assia Zemmour, Saidi-Ouahrani Nadjia, Mourad Kacem and Corinne Vander Wauven**  
Phenotypic and Genotypic Identification of Bacteria from Women Breast-Milk and the Feces of their Childs in the Western Region of Algeria
- 1777-1781 Noor S.K. Al-Khafaji and Azhar A.L. Al-Thahab**  
Phylogenetic Study of *Escherichia coli* Isolated from Clinical Samples in Hilla City, Iraq
- 1783-1788 Maysa S.M. Al-Shukri**  
Gold Nanoparticles and Laser as Antimicrobial Agents against Some Types of Bacteria
- 1789-1797 Arzita, Syamsuardi, Anthoni Agustien and Yetria Rilda**  
The Diversity of the Alkaline Protease Producers, Thermophilic Obligate *Bacillus spp.*, from Sungai Tutung Hot Spring, Kerinci, Jambi, Indonesia
- 1799-1809 Abdelatty M. Saleh, Moustafa Y. El-Naggar, Abdel-Mawgood L. Ahmed and Zakia A. Olama**  
Evaluation of Bacteriological Profile of the Fresh Produce in Beheira Governorate, Egypt
- 1811-1821 Reyaz Ahmad Lone and P. Indra Arulselvi**  
Molecular Characterization and Evaluation of two Potential *Mosquitocidal Lysinibacillus* Strains from Himalayan Valley Kashmir

## CONTENTS

- 1823-1831 V. Manon Mani, A. Parimala Gnana Soundari, S. Ashokraj and V. Brindha Priyadarisini**  
Molecular and Functional Characterization of Metabolites from Terrestrial *Streptomyces hygroscopicus* AVS7 Isolated from Western Ghats, India
- 1833-1837 Maryam Kotb, Maged Bahgat, Shabaan Hashem, Hussein Sabit and Marwan ElBagoury**  
Isolation and Characterization of Bacteria Causing Acute Suppurative Otitis Media in Egypt
- 1839-1844 Saima Farooq, V.K. Razdan, Vishal Gupta, Kausar Fatima, Seethiya Mahajan and Satish Sharma**  
Germplasm Evaluation and Characterization of Slow Rusting Resistant Gene against Stripe Rust of Wheat
- 1845-1850 Shalu Singh, Sarita Singh, D.C. Sharma and P.K. Sharma**  
Isolation, Identification and Molecular Characterization of Phytase Producing Bacteria, *Pseudomonas* Sp. aazad
- 1851-1854 Shaima M. Alhazmi and Samah O. Noor**  
Blood-Stream Infection among Chronic Hemodialysis Patients: Review Article
- 1855-1862 Fidelis Azi, Michael O.Odo, Peter A.Okorie, Helen A. Njoku, Ngozi Uchenna Oledimma, Veronica N. Nwobasi and Amechi S. Nwankwegu**  
Microbial and Heavy Metal Analysis of Irrigation Water and Vegetables Grown and Consumed in Abakaliki Metropolis
- 1863-1881 Mirza Zaheer Baig, Smita M. Dharmadhikari and Syed Ismail**  
Technological Processes for Conversion of Lignocellulosic Biomass to Bioethanol
- 1883-1889 I. Thamaraiyani and M. Kulandhaivel**  
Purification of Hydroxychavicol from *Piper betle* Linn and Evaluation of Antimicrobial Activity against Some Food Poison Causing Bacteria
- 1891-1897 Halemah Mohamed Abulkasim, G.S. Shukla, H.K. Bajaj and Harrison Masih**  
Study of Erythromycin Resistance genes in *Staphylococcus aureus* Isolated from Throat Swab Culture
- 1899-1908 Lakshmibala Kshetri, Piyush Pandey and Gauri Dutt Sharma**  
Solubilization of Inorganic Rock Phosphate by Rhizobacteria of *Allium hookeri* Thwaites and Influence of Carbon and Nitrogen Sources Amendments

## CONTENTS

- 1909-1917 Jaydeep Patil, S.R Goel and Saroj Yadav**  
Bio-management of Cucumber wilt Complex Caused by Root-knot nematode, Meloidogyne incognita and *Fusarium oxysporum* f. sp. *cucumerinum* in Polyhouse under Protected Cultivation
- 1919-1924 J.G. Patel, B.J. Patel, D.V. Joshi, S.S. Patel, S.H. Raval, R.S. Parmar, H.C. Chauhan and B.S. Chandel**  
Culture Based Isolation of Pathogenic Bacteria Associated with Respiratory Disease Complex in Broiler with Special Reference to *Ornithobacterium rhinotracheale* from India
- 1925-1928 S. Swetha and Ashish R. Jain**  
Assessment of Microbial Growth and Salivary PH in Patients Wearing Fixed Partial Denture
- 1929-1937 Lokendra Singh and S.C. Sati**  
Bio-Prospecting of Root Endophytic Freshwater Fungi *Anguillospora longissima* and *Cylindrocarpon aquaticumas* Phosphate Solubilization Potential
- 1939-1946 Verma Rishabh, Jain Pavithra, K.R. Pravin Chandra and R.D. Kulkarni**  
Pathogenicity Testing of Clinical *Candida* Isolates by Assessing Biofilm Formation and their Adhesion to Urinary Catheter Material
- 1947-1952 Saghee Madhu Raju and Rajkumar Bidlan**  
Isolation, Enrichment and Metagenomic Characterization of Simultaneous DDT and Lindane Degrading Microbial Consortium
- 1953-1963 Ajit Kaur, Surekha Bhatia and Urmila Gupta Phutela**  
Partial Purification and Characterization of Cellulolytic Enzymes Extracted from *Trichoderma reesei* Inoculated Digested Biogas Slurry
- 1965-1971 S. Umamaheswari, S. Malkar Oli and K. Naveena**  
FTIR Spectral and Microarchitectural Analysis of Cellulose Produced by *Lactococcus lactis* Under Agitated Condition
- 1973-1982 Richa Sharma, V.K. Razdan, Vishal Gupta, Stanzin Dorjey, Kausar Fatima, P.K. Rai and Satish Sharma**  
Screening of Rhizo-Bacterial Isolates for Bio-control Potential against Soil-Borne Diseases in Brinjal
- 1983-1986 S.S. Kansara and D.M. Joshi**  
Efficacy of Fungal and Bacterial Bioagents against Leaf Spot/Blight of *Heliconia* Caused by Drechslera State of *Trichometasphaeria holmii*

## CONTENTS

- 1987-1998 Anusha Krishnamurthy, Prasanna Devarbhat Belur, Prachi Rai and Punchappady Devasya Rekha**  
Production of Fibrinolytic Enzyme by the Marine Isolate *Serratia marcescens subsp. sakuensis* and its *In-vitro* Anticoagulant and Thrombolytic Potential
- 1999-2005 Monika Rajani and Yash Javeri**  
Epidemiology of Blood Stream Infections in Neonatal Intensive Care Unit at a Tertiary Care Centre
- 2007-2015 Ishu Bala Thakur and Chayanika Putatunda**  
*In vitro* Phosphate Solubilization by *Enterobacter* spp. Isolated from Wheat Rhizosphere
- 2017-2021 Anitha Palanimanickam and Umamaheswari Sepperumal**  
Degradation of Lambda-cyhalothrin in Soil Inoculated with *Bacillus cereus* and *Aneurinibacillus migulanus*
- 2023-2026 T. Frederick Rajkumar and K.G. Sivaramakrishnan**  
Evaluation of Probiotics for Improving Physico-Chemical Parameters in Tiger Shrimp Culture Pond
- 2027-2029 Krishna D. Kurubetta, M. Shivaprasad, M.H. Tatagar, R.K. Mesta and M. Abdul Kareem**  
Nursery Management Practices for Improving the Yield of Dry Chilli (*Capsicum annuum L.*)
- 2031-2038 Umar Farooq, Xiaoming Liu and Hao Zhang**  
Enhancement of Short Chain Fatty Acid Production by Co-cultures of Probiotics Fermentation with Pearl Millet (*Pennisetum glaucum*) Fibre Fractions
- 2039-2043 Subuhi Khan, Vanadana Dixit, Salauddin Qureshi, AK Gupta and G.B.K.S. Prasad**  
*In vitro* and *In vivo* Anti-Filarial Effect of Tetracycline/ Doxycycline
- 2045-2049 M. Vijaya Bhaskara Reddy**  
Molecular Characterization *Escherichia coli* from Pork Meat by Whole Cell Protein Finger Printing