

Research papers in the Journals -during the year 2023-2024

Title of paper	Name of the author/s	Department of the teacher	Name of journal
<i>In silico analysis of natural inhibitors against HPV E6 protein</i>	Vemula Vani , Snehalatha V , Rachel Nishitha , Hima S , Arpitha B Hegde , Manikandan Alagumuthu	Microbiology	current computer aided drug design
Fragment-based design and MD simulations of Human Papilloma Virus-16 E6 protein inhibitors	Vemula Vani , Amarnath Satheesh Marudamuthu , Sanjay Prasad , Suman B M , Mamatha S E , Swathi A , Priyanka Seal , Manikandan Alagumuthu	Microbiology	journal of biomolecular structure and dynamics
Molecular Characterization ofMethicillin-Resistant Staphylococci from the Dairy Value Chain in Two Indian States	Tushar K. Dey, Bibek R. Shome, Samiran Bandyopadhyay, Naresh Kumar Goyal, Åke Lundkvist, Ram P. Deka, Rajeswari Shome, Nimita Venugopal , Delia Grace, Garima Sharma , Habibar Rahman and Johanna F. Lindahl	Microbiology	Pathogens

Prevalence and epidemiological characteristics of methicillin-resistant <i>Staphylococcus aureus</i> isolated from cattle in Bangalore	Nimita Venugopal , Rituparna Tewari, Feroze A. Ganaie, Susweta Mitra, Rajeswari Shome and Bibek R. Shome	Microbiology	Access Microbiology
Prevalence of antibiotic residues in milk samples of small-scale dairy households in Bengaluru, india	Devi Murugesan, Bibek ranjan Shome, Nimita Venugopal , Praveen kumar AM, Rituparna Tewari, Yogisharadhya Revanaiah, Natresh Kumar, Mohan Papanna, and Rajeswari Shome	Microbiology	Indian Journal Of Animal Sciences
Peptidomimetics for CVD screened via TRADD-TRAF2 complex interface assessments	A Manikandan , S Jeevitha, Laharika Vusa	Microbiology	In Silico Pharmacology
Anticandidal Effect of New Imidazole Derivatives Over Aspartic Protease Inhibition	Jeevitha S, Manikandan A , Pavan P, and Rubalakshmi	Microbiology	Chem. Biodiversity
EGFR Kinase Inhibiting Amino-enones for Breast Cancer; CADD Approach	Deena Gladies, Raymond Mohanraj, Manikandan Alagumuthu , Subha Chellam, Abishek Suresh Kumar, Tejaswini Nagaraj Poojari, Jeevitha Suresh Kumar and Palaniraja Subramaniam	Microbiology	Current Computer-aided Drug Design
Novel Pyrazole-biphenyl-carboxamides for SARS-CoV2 entry-level restriction and microbial infections	Shanmugha S, Milind SD, and Manikandan A	Microbiology	J Heterocyclic Chem
<i>Studies on the biodiversity of endophytic fungi from <i>Ruta graveolens</i> and screening for their antimicrobial activities</i>	Pushpa Hanumanthaiah , Ramesha Alurappa, Suchetana Saha, Chandrika Das Chowdhury, Pallavi Guha, Pol Robson Hazarika and Ramesh Thirumalesh Dadamudike Hanumaiah	Microbiology	Malaysian Journal of Microbiology
Callus-mediated organogenesis and regeneration of <i>Sorghum bicolor</i> under the influence of natural and synthetic growth regulators.	Ch Bhanupriya and Satarupa Kar	Microbiology	Invitro cellular & Developmental Biology- Plant

Recombinant enzymes in the food industry: A new era of innovation	Snehalatha V , Sayantane Seal, Medha Yadav, Shiva Prasanna Bhat, Aneesh P Marballi	Microbiology	International Journal of Biotechnology and Microbiology
Isolation of Fungal Endophytes from <i>Chamaecostus cuspidatus</i> and Its Antibacterial Activity ,, ISSN: 0976 – 0997	PrasannaSrinivas.R , Amrita Nigam, ArunaJampani	Microbiology	Indian Journal of Natural Sciences , Vol.14 / Issue 80 / Oct / 2023 .