

CONTENT

- **Influence of Conservation Methods on the sour cherry (*Cerasus vulgaris* Mill.) fruits quality**
Kovaleva T.Yu., Bokov D.O., Sergunova E.V., Bobkova N.V., Kovalev I.S., Chernova S.V., Nesterova N.V., Pavlenko A.A., Dorovskikh E.A., Bessonov V.V., Luferov A.N. 2443
- **Pharmacognostic Studies on *Christia obcordata* (Poir.) Bakh. f. and *Christia vespertilionis* (L.f.) Bakh. f**
Nur Asma Amirah binti Rosli, Santhanathan A/L Rajendram, Gouri Kumar Dash, Enrico Magosso, Sengamalam Radhakrishnar, Kumarasamy Gandla, Ravindran Muthukumarasamy..... 2452
- **Formulation Development and Evaluation of Atorvastatin Calcium Extended-Release Tablets**
R. Natarajan., V. Suresh Babu., S. Revathi, R. Sambathkumar 2459
- **Extraction of Chemical constituents from Flaxseeds and Fenugreek seeds by different Extraction methods and screening of their activity**
Y. Achyutha Valli Devi, V. Girija Sastry, K. Amulya, K. Jakraiah 2463
- **Identification of Bioactive Secondary Metabolites in Citronella Grass Leaves (*Cymbopogon nardus* L.) against *Curvularia andropogonis***
Rofiatun Solekha, Ni N T Pusaningsih, Edy S W Utami, Dini Ermavitalini, Filliana Andalucya, Putut R Purnama, Hery Purnobasuki..... 2469
- **Phytochemical Screening and Evaluation of *Syzygium jambolanum* seeds for *In-vitro* Antimicrobial Potential against Herbal Drugs Contaminants**
Bhavya Trivedi, Vani Sharma, Anchal Rani, Padma Singh, Avinash Singh, Mohd Kamran..... 2476
- **Formulation and Evaluation of Polyherbal Face Pack**
Mehak Aggarwal, Esha Vatsa, Nidhi Chaudhary, Shilpa Chandel, Shipra Gautam..... 2481
- **Prevalence of Adverse Drug Reactions in Diabetic patients receiving Antidiabetic Medications at Tertiary Care Hospital**
Sanatkumar Bharamu Nyamagoud, Agadi Hiremath Viswanatha Swamy, Bharati Kangrali 2486
- **Formulation and Comparative Evaluation of Herbal Shampoo Powder with marketed preparation**
Jotsna Gandhi, Shahin Makandar, Ankita Kanase, Sujata Jadhav, Anuradha Chivate, Pratiksha Jadhav..... 2493
- **SCC mec typing among the clinical isolates of Methicillin Resistant *Staphylococcus aureus* (MRSA) from a Tertiary Care Hospital, Puducherry**
Kavitha E, Srikumar R..... 2501
- **Evaluation of the Physicochemical and Microbiological quality of Strawberry pulp in a Moroccan Food Industry Company**
Sana EL Moutaouakil, Youssef EL Madhi, Sultana Inekach, Oussama Chauiyakh, Nabil SBAI, Abderrahim Benzakour, Mohammed Ouhsine..... 2505
- **The Relationship Between Physical Activity and Physical Health among High School Students in Yunnan Province, China**
Zeng Linxian, Garry Kuan, U.S. Mahadeva Rao, Wan Zhen Lee, Fangzhao, ZhouYali, Yee Cheng Kueh..... 2510
- **A Comparative Analysis of *Vaippu Indhuppu* and Commercial *Indhuppu* (Rock Salt)**
Carolin P, Visweswaran S..... 2517
- **Bioactive Compounds in Propolis from *Wallacetrigona incisa* and Their Application as Antibacterial Agent: *In vitro* and Molecular Docking Approach**
Riska Surya Ningrum, Elga Renjana, Aisyah Hadi Ramadani, Yudhi Dwi Kurniawan, Mahani, Oktan Dwi Nurhayat..... 2522
- **Efficacy of the Coordinative compound of Aluminium and N-(2,3-dimethylphenyl)-anthranilic (mefenamic) acid on the Model of Chronic Alcohol-Induced Pancreatitis**
Dmytro Lytkin, Olga Tovchiga, Vladislav Udovitskiy, Olena Barbukho..... 2531
- **Screening and Evaluation of Biodegradation Potential of Bacterial Isolates Against Ethidium Bromide**
Shaleeni, Vandana Jhalora, Shubhita Mathur, Renu Bist..... 2541

●	Voriconazole and Beauvercin Loaded Niosomal Mucoadhesive Nanogel as an effective Treatment for the Management of Oral Candidiasis <i>Deepika Rani, Vinit Kumar Sharma, Ranjit Singh</i>	2549
●	COVID-19 Variants and Treatment approaches with Bio-active Compounds of <i>Gmelina arborea</i>: Research work based on Docking Studies <i>Rupesh Kumar Pandey, Manish Kumar Pathak, Lubhan Singh, Priyanka Pandey, Vladislav Naumovich, Prateek Pathak, Maria Grishina</i>	2556
●	Evaluation of Compound Hordenine (<i>Hordeum vulgare</i>): <i>In-vitro</i>, Gene Expression, and Molecular Modeling Investigations <i>Lavanya Athilli, Arumugam Balasubramaniam, Nemala Appala Raju</i>	2561
●	Anti-inflammatory effect of Polyherbal Formulation <i>Aishwarya S. Patil, Mayuri A. Tupe, Devendra S. Shirode</i>	2568
●	Validation of the Malay Version of the Emotional Intelligence Scale Among Sarawak University Football Players <i>Candrawati Ibrahim, Garry Kuan, U.S. Mahadeva Rao, Wan Zhen Lee, Ayu Suzailiana Muhamad, Yee Chen Kueh, Chin Ngien Siong</i>	2573
●	Designing of Stable Co-crystals of Clotrimazole using suitable Cofomers <i>Nishank Prabhu, Poojary Pooja Srinivas, Gundawar Ravi, Aravind Pai, Girish Pai, Vasudev Pai, Vasanthraju S.G., Muddukrishna Badamane Sathyanarayana</i>	2580
●	Phytochemical Evaluation and Screening of Anti-Depressant and Anxiolytic Activities of <i>Bacopa monniera</i> in rats <i>Vinyas Mayasa, Rebecca, Archana S Patil, Kumaraswamy Gandla, Vinodh Kumar Nelson, Lalitha Repudi</i>	2587
●	Exploring the Biofilm Inhibiting potential of <i>Bunium persicum</i> Essential Oil: A Promising Strategy for Combating Microbial Biofilm <i>Hemant A. Sawarkar, Sachin C. Kale, Ram D. Bawankar, Kailas R. Biyani</i>	2592
●	TLR4/NF-κB/β-Catenin/TGF-β pathways in <i>Salmonella</i> AvrA related-Colorectal Cancer Tumorigenesis <i>Bogi Pratomo Wibowo, Handono Kalim, Husnul Khotimah, Hidayat Sujuti, Ettie Rukmigarsari</i>	2597
●	Nicotine and Neurotransmitters an Update <i>Shalinee Soni, Lokesh Verma</i>	2605
●	Formulation and In vitro Characterization of Linalool and Curcumin CO-Loaded Microparticulate System for Hepatocellular Carcinoma <i>Shivlal Yadav, Alpana Ram</i>	2613
●	Formulation and Evaluation of Polyherbal Hair Gel <i>Vaishnavi Populwar, Preeti Mehta, Nilima Shinde, Dattatray Dhebe</i>	2618
●	Protective effect of <i>Gossypium herbaceum</i> Linn. leaf extract on carbon tetra chloride induced oxidative stress in mice <i>Pravesh Kumar Sharma, Ashutosh Pareek, Mahendra Singh Ashawat, Sidhraj Singh Sisodia</i>	2623
●	<i>In-silico</i> ADME, Docking Studies, Synthesis of Thiadiazolyl benzimidazole linked Azetidinone derivatives as an Antitubercular agent <i>Gupta Dheeraj Rajesh, Pankaj Kumar, Shriram Purohit, Abhishek Kumar, Kavita Apte</i>	2628
●	Antibacterial potential of <i>Penicillium nalgiovense</i> from Symbiont Fungal in the <i>Gelliodes fibulata</i> Sponge <i>Mahfur Mahfur, Siska Rusmalina, Muhammad A. Wiyono, Noni N. Ekayanti, Fatwa Afini, Hayati Soeprapto, Baso D. Hikmawan</i>	2633
●	BCS Class II and IV Drug's Solubilisation using Cycodextrin-PVP-PEG6000 Complexes through a Factorial Study Design <i>Soumaya El Baraka, Siham Yanisse, Ali Cherif Chefchaoui, Aicha Fahry, Abdelkader Laatiris, Naoual Cherkaoui, Yasser El Alaoui, Younes Rahali</i>	2639
●	Development of Inorganic Iodine Quantitative Determination in the kelp Thalli (<i>Laminariae thalli</i>) by Spectrophotometric Method for Solving Pharmacognostic Issues <i>Nikulin A.V., Gabaeva R.S., Martynov L.Yu., Shatalov D.O., Kovaleva T.Yu., Dorovskikh E.A., Trashchenkova D. A...</i>	2644
●	Dose and Time related Anticancer effects of <i>Acacia nilotica</i> fruit-extract via its Cytotoxic potential and Modulatory effects on the expression of Oncogenes, in Cervical and Breast cancer cells <i>Suad M. Khatri, Maha H. Daghestani, Khushboo Ambreen, Mazin H. Daghestani, Sabah A. Al-Zahrani, Hussah Alobaid, Ebtisam Al-Olayan, Lena M. Alneghery, Nawal M. Al-Malahi</i>	2651
●	Topical Corticosteroid Induced Osteoporotic Vertebral Fractures –A Case Report <i>Guna Gouru, T.S Durga Prasad</i>	2658

●	Comparative Study of Liposomes, Transfersomes and Ethosomes as Carriers for Enhancing Topical Delivery of Tolnaftate: <i>In vitro</i> Evaluation	
	<i>Deeksha S, Sneh Priya, Jainey P James</i>	2661
●	Synthesis of Amino Menthol derivatives for Enhanced Antimicrobial and Anti-inflammatory activity using <i>In-silico</i> Design	
	<i>Manish Kamble, Prafulla Sabale, Disha Dhabarde, Vidya Sabale, Ashwini Mule</i>	2669
●	Comparative Study of Pharmacokinetic Parameters and Bioavailability of Paclitaxel Liposome with Raw Drug	
	<i>Preeta Bose, Pintu Kumar De, Dibya Das, Gourav Samajdar</i>	2676
●	Impact of changes in the rules of Registration of medicines by the EAEU on the regulation of the turnover of medicines on its territory	
	<i>O.G. Nefidova , , D.V. Babaskin , T.M. Litvinova , L.I. Babaskina, I.U. Glazkova , O.V. Savinova</i>	2681
●	Phytochemical Investigation on <i>Tinospora cordifolia</i> and <i>Alstonia scholaris</i>	
	<i>Jyotishna Singh, Aishwarya Singhal, Abhishek Kumar Pandey, Amit, Sarita Mallik, Manish Kumar Dubey</i>	2689
●	An Improved approach for Creating and Validating a Bioanalytical Method to Quantify Baloxavir Marboxil in Human Plasma using LC-API-MS/MS	
	<i>Mohan Gandhi Bonthu, G.Raveendra Babu, Bhaskara Raju Vatchavai, Nirmala Korukola, Alluri Pavani Gayatr..i</i>	2694
●	Polymorphism of the TLR3 gene in Predisposition to Chronic Viral Hepatitis B and C in the population of Turkic-speaking peoples	
	<i>Gulzhanat Nurlanova, Aigerim Iskakova, Akezhan Astrakhanov, Aigul Amanzhanova, Galina Zhumagaliyeva</i>	2699
●	A Case Report on Ciprofloxacin Induced SJS/TEN (Steven Johnson Syndrome/Toxic Epidermolysis Necrosis)	
	<i>Mohammed Mustafa G, Chandana C, Feba Elizabeth Biju, Deepthi D J</i>	2707
●	The ethanol extract of <i>Eleutherine americana</i> Merr. inhibited NF-κB and cyclin D1 expression in melanoma cell line A375.S2	
	<i>Nur Khoma Fatmawati, Eva Rachmi, Elfina G. Sadono</i>	2710
●	Clinical Management of Type II DM in patients Showing Progressive Increase in the Creatinine Level – A Cross-sectional Study	
	<i>Prabhudatta Mohapatra, Durga Madhab Kar, Karmajeet Rath, Abhisek Pal</i>	2719
●	Development and Validation of a Stability Indicating RP-HPLC Method for the Estimation of Deferiprone in its Capsule Dosage Form	
	<i>Bharti S Fegade, Aishwarya S. Mhatre, Vijay K. Munipalli, Hemant P Magar, Pankaj P Thakur, Ashok Kumar, Vaidun Bhaskar</i>	2725
●	Naringi crenulata leaf extract alleviates Beta Amyloid Protein Induced Alzheimers disease in mice	
	<i>Sravanthi Kuruvella , , Narsimha Reddy Yellu</i>	2732
●	Antioxidant activity of Methanol extracts and the Isolation of new compounds from Senggugu’s root bark (<i>Clerodendrum serratum</i> L.Moon)	
	<i>Nasrudin, Wahyono, Mustofa, Ratna Asmah Susidarti</i>	2739
●	Evaluation of Biological Activity of Pomegranate Peel Extract as Antioxidant, Antimicrobial and Anticancer	
	<i>Mohamed Ahmed Samir Abd Elzaher, E. A. El-Kholany, Yasser M. Bakr, Essam S. Khattab, Mohamed B. Ghazy..</i>	2744
●	New Spectrophotometric Method for the Estimation of Fenofibrate	
	<i>Mukthinuthalapati Mathrusri Annapurna, Pothina Tejasri, Angirekula Narendra</i>	2753
●	Therapeutic Potentials of Persimmon (<i>Diospyros kaki</i>): An Updated Review	
	<i>Mrinal Sharma, Pradeep Goyal, Payal Mittal</i>	2757
●	Subacute study on the effects of Off-Label use of Tramadol-<i>Lacaser</i>® combination on Biochemical Parameters: Effects on Electrolytes, Kidney, and Liver Function Parameters in Humans using Wistar rats	
	<i>Ernest C. Orji, Chibueze P. Ihekwereme, Jude N. Okoyeh, Okwelogu I. Somadinab, Victoria N. Olli</i>	2761
●	T lymphocyte cell epitopes prediction of newcastle disease virus isolated from pigeon (<i>Columba livia domestica</i>)	
	<i>Jola Rahmahani, Fedik Abdul Rantam, Tetri Regilya Fatimah, Anastasia Hanny Irawan, Naimah Putri, Eryk Hendrianto</i>	2769
●	Study the Stability of Pharmaceutical eye drop composed of Chloramphenicol and Dexamethasone Sodium Phosphate stored in non-recommended conditions	
	<i>Micheal Nouman</i>	2773

- **Eltrombopag Olamine in Dengue Fever: Systematic Review of Clinical Trials and Beyond**
Sadia Afrin, Md. Shanzid Hasan, Md. Rezwan Ahmed Mahedi, Ovijet Chandra Kuri, Hrishik Iqbal, Mustafa Jawad Kadham, Dr. Mohammad Jamali, Patrik Viktor, Calvin R. Wei, Fredmoore Orosco, Akter Hossain Khan, Nikolaos Syrmos, Fazle Rabbi..... 2778
- **Comparing Intraperitoneal Adhesion by various Lipid compounds in a Rat Model**
Hakim Bilal, Subramaniam Muniandy, Mahendran Sekar, Wong Seak Khoon, Jannathul Firdous, Sandheep Sugathan..... 2783
- **Topical Application of Robusta Coffee Extract Gel Enhances Angiogenesis, Fibroblast, Collagen Density, and Epithelial Thickness on Wound Healing of Skin Graft in Rats**
Ulfa Elfiah, Akbar Fakhrudin Kholid, Amalia Safitri..... 2788
- **Exploring the Hidden Biotechnological Treasure of Bacterial Symbionts in *Xestospongia* sp. from Derawan Island: A Study on Antimicrobial and Enzyme-Producing Bacteria**
Sumarlin, Syamsidar Gaffar, Adriyana Edward..... 2795
- **Association of CYP3A4, GSTT1 and GSTM1 Gene Polymorphisms in early prediction of Gastritis in Choleric Temperament as per Unani Philosophy in Indian population**
Priyanka Pallapolu, Lahari Kuna, Alokanda Chakraborty, Ghazala Javed, Asim Ali Khan..... 2804
- **Formulation and Evaluation of Curcumin, Honey and Silver Nanoparticles for Antibacterial and Burn Wound Healing**
Ananya Pai, Prashant Nayak, Sukesh K B, Shivakiran Amin, Avinash, Abhishek Kumar..... 2813
- **Evaluation of Mechanical properties of glass ionomer cement incorporated with L-Arginine nanoparticles: An *in vitro* Study**
Danaboyina Tanuja, D. Bheemalingeswara Rao, Rama Krishna Alla, Y. Manikyamba, Suresh Sajjan MC., M. Dhanasri... 2819
- **Optic Neuritis in Chronic Myeloid Leukemia: A Rare Case Report in Surabaya, Indonesia**
Alvin Hartanto Kurniawan, Arifoel Hajat, Paulus Budiono Notopuro..... 2825
- **Serum SIRT1 Levels and Genetic Variants in Diabetic Nephropathy: Insights from a Cross-sectional study**
Pai D, Adiga S, Suresh G, Adiga U, Kumari S, Chaitra D, Desy TM..... 2829
- **Efficacy of Spermococe Hispida Oil preparation against Scalp Yeast and Bacterial Infections**
Keerthana P, Nantha Sree N, Vishaka G, Sridevi. G, Savitri.S, Bhavani.M, Rajalaxmi. V..... 2835
- **Cytotoxicity Studies and Antiviral Activity of *Sesbania grandiflora***
J Jaichand, K K Sabu, T Vaidyanatha Iyer..... 2839
- **The effect of Sclerosing drugs on the *Tunica albuginea* (Experimental study)**
Kozhakhmet Kuneshov, Shora Seidinov, Nurpeis Tulezhanov, Fazladin Temurov, Shkurulla Massadikov..... 2846
- **Isolation, Production of Protease, and Antimicrobial Activities from Marine Sediment Gamma - Proteobacteria of MBS-L3 Isolate**
Hasnah Natsir, Ahyar Ahmad, Nasrum Massi, Paulina Taba, Anita, Wahyudin Rauf..... 2855
- **Integration of the Computational Tools to Decode the Mode of Action of *Citrus limon* against Alzheimer's Disease**
Zeena Fernandes, Dattatreya K S, Sahana D Kulkarni..... 2863
- **RP-HPLC Method Development and Validation of Rivaroxaban in Pharmaceutical Tablet Dosage Form**
Tushar Bhatkar, Pramod Burakle, Prashant Ajmire, Rahul Jawarkar, Pravin Khatale, Ekant Taywade..... 2869
- **Toxicological Evaluation of *Pajanelia longifolia* (Willd.) K. Schum methanol leaf extract in Wistar rats: Cytotoxic and Acute Oral Toxic effects**
Sowmyashree K, Rajukrishna Chalannavar, Divakar M S, Ravindra B. Malabadi, Nityasree BR..... 2875
- **Evaluation of Analgesic and Anti-inflammatory activity of Ethanol extract from *Leucas Lavandulaefolia* Rees leaves**
Annisa Amriani, Muharni Muharni, Restri D. Carissa, Fahma Addinni, Heni Yohandini, Ferlinahayati, Poedji L. Hariani..... 2883
- **A Rapid, Sensitive and Cost-Effective RP-HPLC Method for Determination of Loxoprofen Sodium**
Rupesh S. Kulkarni, Mahesh S. Palled..... 2889
- **Preliminary Screening of Phytoconstituents of various extracts of *Citrus macroptera* and its Antimicrobial impact**
Ritupriya Singh, Shiv Kant Shukla, Susmita Shukla..... 2895
- **Effect of Elastic Taping Applications of Calf Muscle Pump on the Venous Reflux in patients with Chronic Venous Insufficiency**
Mirza Kusumawardani, Andriati, Damayanti Tinduh, Johannes Nugroho..... 2901

●	Concurrent Quantification of Memantine and Donepezil via RP-UPLC with Stability Indicating Feature: Method Development and Validation	
	<i>Krishnaphanisri Ponnekanti, Ramreddy Godela, Rajendra Yagnambhatla</i>	2907
●	Professional competence and Perception on the Practical Implementation of Telepharmacy among Pharmacists – A Review	
	<i>Jessy Jauza, Muhammad Thesa Ghozali</i>	2915
●	In vitro and In silico Studies on Antidiabetic properties of Fisetin: Focus on interactions with PEPCCK and GSK3β	
	<i>U. S. Mahadeva Rao, G. Shoba, A. Subramani, P. Tamizhdurai, R. Selvam, B. Priyanka, G. Sriram Prasath</i>	2925
●	A Review on the Role of some Cardioprotective Natural Resources in Mitigating Doxorubicin-Induced Cardiotoxicity	
	<i>Rohan Pal, Rajat Subhra Saha, Sudipta Dey, Sumana Das</i>	2933
●	Neuroprotective Potential of Heterocyclic Scaffolds vs Herbal Treatments: An Overview	
	<i>Divya Dhawal Bhandari, Prabhjot Kaur, Monika Maan, Ruchika Garg, Hitesh Chopra, Mohammad Amjad Kamal</i>	2943
●	An Overview of Analytical and Bioanalytical Techniques for the determination of Tyrosine Kinase Inhibitors	
	<i>M. Gowthami, Rajesh R.</i>	2949
●	Fourier Transform Infra-Red Spectroscopy: Recent advances and prospective in Analytical Method Development and Validation	
	<i>Rohan Nene, Swati Pandey, Bina Gidwani, Ravindra Kumar Pandey, Shiv Shankar Shukla</i>	2955
●	Intrathecal Fentanyl: A Comprehensive Review of the Pharmacological and Clinical profile in Anaesthesia	
	<i>Shyamolima Bhuyan, Aruna V Chandak</i>	2959
●	Current Insights on Vaccines available for COVID-19 like Flu Symptoms	
	<i>Abhishek Singh, Nimisha, Niharika Singh, Rishabh Gupta</i>	2967
●	A Scoping Review on The effectiveness of Bone Reeneration Procedures using Bovine Bone Block Grafts: A Summary of 20 Years of Research Experience	
	<i>Reza A. Fessi, Coen P. Danudiningrat, Anita Yuliati, Prasiddha M.E. Fadhlallah</i>	2975
●	A Comprehensive Update on Nanoparticle in Targeting of Skin Cancer Therapy: Recent Updates, Challenges, and Future Perspectives	
	<i>Suwendu Kumar Sahoo, Kondapuram Parameshwar, Shaik Harun Rasheed, C. K. Ashok Kumar, Dillip Kumar Brahma, CH. Pavani, K. Mallikarjuna Reddy</i>	2985
●	Stomach Specific Novel Floating In-situ Gel for Sustained Drug Delivery: Overview	
	<i>Shetty Chetan Kumar, Sheeba F R</i>	2990
●	Instruction to author	2997