

Department of Pharmacology

2024 to 2025:

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1. Syed Mansoor Ahmed, Sumana T, Nandeesh R , Shravan Narasimha K V, Veeresh P Veerapur, Manjunatha E. Neuroprotective Effect Of Bixin Isolated From *Bixa Orellana* Linn. On Monosodium Glutamate Induced Neurotoxicity In Rats. *NeuroQuantology*. 2024;22(1);108-123.
2. Sangeetha N , Shaguftha Ruhi B , Shashank Gowda , Shobhitha,CV , Srividya , Ravinandan A P*, Syed Mansoor Ahmed. An educational review on over-the-counter drugs- A Pharmacovigilance-based approach. 2024;11 (4); : 295-302. <https://doi.org/10.18231/j.ijpca.2024.043>.
3. L Chitrasree, Syed Mansoor Ahmed, Comprehensive Review on *Terminalia Catappa*: Traditional Uses, Pharmacological Properties, and Bioactive Compounds. *World Journal of Pharmaceutical Research*,2024;14;(1): 58-71.
4. Manjunatha, E , Vedigounder, Murugan Geetha, K M, Nandeesh, R Ahmed Syed Mansoor. Isolation, Characterization and In-silico screening of compounds from *Ziziphus rugosa* bark for their Antiulcer effect. *Research Journal of Pharmacy and Technology*.2024; 17 :(9) 4575-581. DOI:10.52711/0974-360X.2024.00706
5. Basavaraju Deepak,Syed Mansoor Ahmed,, Raghu JD, Chinmay TR, Pooja CD,Pragna G. "The Systematic Review of *Morus nigra* L Therapeutic Potential: Bridging Traditional Medicine and Modern Pharmacology". *Bulletin For Technology And History Journal*: 2025; 25(5):51-63. DOI:10.37326/bthnlv25.5/1967
6. Syed Mansoor Ahamed, Sagar T R. Sindhu Gowda, Chidanandamurthy G, Nandeesh R, Manjunatha E. Ashok Kumar B S. Anti-Allergic Activity and Mast Cell Stabilization of Areal Parts of *Solnum Torrvum* on Experimental Animals. *Journal of Neonatal Surgery* ISSN(Online): 2226-0439 Vol. 14, Issue 29s (2025). 829-37.

7. Author by Manjunatha E, Syed Mansoor Ahamed, Artificial Intelligence in Drug Discovery: Transforming Lead Identification and Development.' Acceptance of Manuscript.
8. Thimmaraju, A. M., Swetha, B., Lavanya, M. B., Veerapur, V. P., & Babitha, S*. (2025). Ameliorative Effect of Caesalpinia sappan Heartwood Extract in Acetic Acid-induced Ulcerative Colitis in Rats. *Journal of Natural Remedies*, 25(11), 2633–2644. <https://doi.org/10.18311/jnr/2025/44372> . (Scopus indexed Q3)
9. Babitha S*, Ramya A, Himabindu CH, Ramyashree R. An Insight into Piper Betle Linn: Traditional Usage, Ayurvedic Benefits, Chemical Constituents, and Pharmacological Potential. 10 (9) 2025. 243-61. (Scopus indexed)
10. Seethakallu Ramachandraiah AnandaKumar, Veeresh Prabhakar Veerapur, Marulasiddeshwara Roopesh, MV Ambika, S Babitha, Boreddy Shivanandappa Thippeswamy. Beneficial effect of Caesalpinia pulcherrima linn., on diabetic neuropathy, cognitive dysfunction and cardiac complications in streptozotocin-induced diabetic rats. *Heliyon*. 10(21); 2024. <https://doi.org/10.1016/j.heliyon.2024.e39774> (Impact factor: 3.4, Elsevier)
11. Kushal R¹, Narendra R², Syed Mansoor Ahmed³, Chidanandamurthy⁴ and Raghu J D^{2*}. A Comprehensive Pharmacognostic and Pharmacological Review of *Colocasia esculenta* (L) Schott. *Indian Journal of Natural Sciences*, 16 (89), Apr 2025.
12. Mamatha BC, Mohd S, Harish V, Prabhu A, Bidye DP, Dixit SR, Revanasiddappa BC, Pai A, Shaik S. Riboflavin and Thymine from *Abutilon indicum* Linn. Mitigate Allergic Responses: An Integrated network pharmacology, In-silico analysis, MD Simulation, In vitro and Ex vivo Studies. *Journal of Computational Biophysics and Chemistry*. 2025 Oct 29:1-24. <https://doi.org/10.1142/S2737416526500080>
13. Mamatha B. C., Hemalatha K. P., Mancy S. P., Vijaykumar S. Formulation And Evaluation Of Stinging Nettle (*Urtica Dioica*) Extract Loaded Plga Nanoparticles For Antiallergic Therapy. *World Journal of*

Pharmacy and Pharmaceutical Sciences. 2025 14(11), 1421–1430.

<https://www.doi.org/10.5281/zenodo.17578814>

14. Hemalatha KP, Meghana Aradya, Vijaykumar S, Mancy SP, Mamatha BC, Sachin Kumar singh, Gaurav Gupta. Preparation, Optimization and Evaluation of anti-Inflammatory, Analgesic and Inflammatory Bowel Disease of Indomethacin RaftForming Tablets, *International Journal of Environmental Sciences* Vol. 11 No. 15s,2025 1747-1765 ISSN: 2229-7359. <https://doi.org/10.64252/5s6pfv58>

2023 to 2024:**06**

1. Mohan Kumar, Thimmaraju AM, Hemanth MD, Likhith GM, Babitha S*. Aqueous extract of *Phyllanthus emblica* ameliorates lipopolysaccharide induced sickness behaviour in mice. *Bulletin for Technology and History Journal*. 24(11); 2024. (Scopus indexed)
2. AM Thimmaraju, K Harshith, MB Lavanya, MD Hemanth, S Babitha*. Antioxidant potential of *Caesalpinia sappan* Linn. Protects Indomethacin induced enterocolitis in rats. *Indian Journal of Natural sciences*. 15(18); Aug 2024. (Web of Science Indexed).
3. Dr. Nandini M. S., Raghu J. D.* and Narendra R., *In vitro* Anthelmintic activity of *Acmella oppositifolia*. *European Journal Of Pharmaceutical And Medical Research*, 10 (3), 189-192; 2023.
4. Raghu J D^{1*}, Dr. Nandini M S², Narendra R³, Sagar T R⁴, Synergistic Antimicrobial Activity of Bark and Flower of *Muntingia calabura* Linn. *International Journal of Pharmaceutical Research and Applications*, 8 (1), 1609-1616, 2023.
5. Raghu J D^{1*}, Narendra R², Dr. Nandini M S³. *In vitro* Anthelmintic activity of stem extract of *Muntingia calabura* Linn. *Technix International Journal for Engineering Research*, 10 (2), 2023.
6. Priyanka Pandey, **Mamatha B C**, Nagalakshmi N C. Study of effect of Pioglitazone on Pharmacokinetics and antidepressant activity of Desvanalofaxine, *International Journal of Chemical and Pharmaceutical Sciences* Vol. 15(1), 2024 1-31 ISSN:0976-9390.

1. Lakshmi MH, Raghu JD, Deepika HC, Chandana G, Seema Mehdi, Babitha S. Protective effect of Mentha Piperita Linn against Lipopolysaccharide induced sickness behavior in mice. Indian Journal of Natural sciences. 14(81); Dec 2023: 64469-80. (Web of Science Indexed).
2. Chandana G, Raghu JD, Babitha S. Effect of Cymbopogon citratus against liposaccharide induced sickness behaviour in mice. European Journal of pharmaceutical and Medical Research. 2023, 10(2):308-319.
3. Vinay NS, Pooja T, Nandeesh R, Syed Mansoor Ahmed, Veeresh P Veerapur, Babitha S. Anti-inflammatory activity of methanol and ethyl acetate fractions of Sesbania grandiflora roots in rats. Research J. Pharm. and Tech. 15(11): Nov 2022:5155-59. (Scopus indexed- Q2)