

Publications by the staff

1. S. Deepa*, K. Sujatha, D Velmurugan., “The Identification of Bioactive Compounds from *Turbinaria ornata* (Turner) J. Agaradh and Computational Studies “ in the Pharmacogn J. 2019, 11(5),873-883.
2. Jasmin sajini R, S. Prema, K. Chitra, “Phytoconstituents, Pharmacological Activities Of *Marsilea minuta* L. (MARSILEACEAE) - An overview”, IJPSR, 2019. 10 (4),1582-1587.
3. Gayatri S., Angel Seslin Monica., K. Chitra, “Quality control studies and determination o total flavonoids and phenolic content of an ayurvedic solid dosage form”, AJPCR 2019, 12(6), 156-159.
4. T. Kanimozhi, C. Vinodhini, K. Mythili, K. Chitra, “ Issues in Modern Pharmaceutical Packaging - An Indian Perspective”, International Journal of Pharmaceutical & Biological Archives 2019, 10(1),8-16
5. A.Ajitha,K.Sujatha,K.Abbulu, “Bioanalytical method development and validation of *Garenoxacin mesylate* in human plasma by RP-HPLC”, Int.J.Res.Pharm.Sci.,10(2),2019,1314-1320
6. Deepika B, U. Srikar Reddy, P. Shireesha , A. Pallavi , R. Mounika , K. Sunitha , M. Ramya Rasi , Naga Raju Kandukoori,K. Sujatha, “Effect of Eudragit on Glimepiride Matrix Tablets” ,IOSR Journal Of Pharmacy And Biological Sciences (IOSR-JPBS) ,14(2), 2019, 34-38
7. Murugan M, Sathish Sivakumar, Srikanth J, K.Chitra, “In silico docking studies of substituted bentrizole as a protease inhibitor for SARS CoV” Research Journal of Pharmaceutical, Biological and Chemical Sciences, 9(5),2019,1544.
8. R. Nanthakumar, Chellan Rose, Chitra Krishnan, Seethalakshmi Sankar, Selina Grace Kurian, “Extracellular biofabrication of silver and gold nanoparticles: Treasures from the abyssal Zone”, Asian J Pharm Clin Res, 12(2), 2019, 44-54.
9. K.Chitra, Alagarsamy V, Saravanan G, Solomon VR, Sulthana MT, Narendhar B, “An overview of quinazolines: Pharmacological

- significance and recent developments” Eur J Med Chem. 2018 May 10;151: 628-685.
10. C. Vinodhini, Hindu.K, K.Chitra, K.Mangathayaru, “Validated RP-HPLC Method for the Quantification of Paclitaxel in Human Plasma – eliminates negative influence of Cremophor EL”, International journal of current research and reviews 10, (13), July 2018, 5-10.
 11. Sujatha K, Deepika.B, SK China Bikari, Naga Raju Kandukoori,A.Thanga Thirupathi, “Development and Evaluation of enteric coated Omeprazole Pellets 22.5% W/W”, IAJPS., 5(07): 6191-6197, 2018.
 12. Sujatha K, K Hemalatha, P Panneerselvam, K Girija, “Molecular Docking studies of 4-anilino quinazolines as inhibitors of Epidermal Growth Factor Receptor Tyrosine Kinase”, Manipal Journal of Pharmaceutical Sciences, 2018,1(4), 17-25.
 13. R. Nanthakumar, Chellan Rose, Chitra Krishnan, Seethalakshmi Sankar, “Green synthesis of silver nanoparticles using red marine algae and evaluation of its antibacterial activity”, Journal of Pharmaceutical Sciences and Research, 2018, 10(10), 2435-2438.
 14. K.Chitra, Hindu Kalluru, Vinodhini C.,Sathish Srinivas K., Surulivel Rajan M. Mangathayaru K., “Validated RP- HPLC method for quantification of Paclitaxel in human plasma – eliminates negative influence of Cremophar EL Hindu”, International Journal of Current Research and Review, 10(13), 2018, 05-10.
 15. K.Chitra, T. Tamilanban ,. Chitra, V, “Isolation, characterization, and memory enhancing activity of charantin using zebrafish model”, Journal of Pharmacy Research 12 (4), 2018.
 16. S. Gayatri, S. Monisha, K. Mythili , K.Chitra, “Standardization and Quality Control Studies of Agastya Rasayanam–An Ayurvedic Drug for Asthma”, Research Journal of Pharmacy and Technology,11(6),2018, 2271-2275.
 17. K.Chitra, R Anantha Kumar, S. Satheshkumar, “A review on applications of natural polymers in gastro retentive drug delivery systems”, Drug Invention Today, 10(3), 2018 , 285-289.
 18. K.Chitra, T. Tamilanban, V. Chitra, “In vitro neuroprotective effect of charantin from *Momordica charantia* against neurotoxin and endoplasmic

- reticulum stress-induced cell death in SH-SY5Y cells”, International Journal of Green Pharmacy, July-Sep 2018 (Suppl) ,12 (3), S555- S560,
19. K.Chitra, T Regupathi, K Ruckmani, KG Lalitha and Mohan Kumar, “Formulation and evaluation of Herbal hair gel for hair growth potential”, Journal of Pharmacology and clinical research, 2,(2),2017, 2473-5574.
 20. K.Chitra, Srikanth Jeyabalan, Kavimani Subramanian, Uma Maheswara Reddy Cheekala, “Hypoureemic activity of *Morinda citrifolia* by inhibition of xanthine oxidase for treatment of gout”, 8 (Suppl 2), 2017, Int. J. Res. Ayurveda Pharm, 213-219.
 21. K.Chitra, Venkatesh P., Venkhat Balaji B.R., Venu Gopal K., Vinodhini S., Vinodhini T., Vinodhini C, “A Review on Lorcaserin – A Selective 5-HT Serotonin Receptor Agonist in Obesity Management”, Int J Cur Res , 9(17), 2017, 37-40.
 22. Antiosteoporotic activity of ethanolic leaf extract of *punica granatum* in glucocorticoid induced osteoporotic rats. yogesh H S, gopalakrishna buripad, sujatha kuppusamy, basavarajappa a j, suresh janadri. International Bulletin of Drug Research., 7(12), 1-14, 2017
 23. Sujatha K, Yogesh H S, Gopalakrishna Buripad, Basavarajappa A.J, Suresh Janadri, “Antioosteoporotic activity of ethanolic leaf extract of *Punica granatum* in glucocorticoid induced osteoporotic rats”, Int. J. Bioceutical Sci. & Res., Jan-March 2017, 1 (1) 45-51.
 24. Sujatha K, Kavitha, K. Manoharan,S, “Development,Characterization and Antidiabetic Potentials of *Nilgirianthus ciliates* Nees Derived Nanoparticles”, J.Nanomedicine Biotherapeutic Discov.7(2), 1-11, 2017.
 25. Deepa. S, Bhuvana B., Hemamalini S., Sathesh Kumar K. and Janet C, “Free radical scavenging and inhibition of protein denaturation capability of chloroform extract of marine alga *Gracilaria corticata* (J. Agardh)”, European Journal of Pharmaceutical and Medicinal Research 2017,4(2),463-468.
 26. Deepa. S, Bhuvana B., Hemamalini S., Janet C., Sathesh Kumar K, “Therapeutic potential and pharmacological significance of the marine algae *Gracilaria corticata*”, Pharmaceutical and Biological Evaluation 2017,4 (2), 68-72.
 27. C. Vinodhini, Venkatesh .P Venkatbalaji B.R Venugopal.K, Vinodhini.S, Vinodhini.T, “A review on Loraegenin - A selective 5-HT serotonin receptor

- agonist in obesity management”, *Pharmaceutical and Biological Evaluation* 2017, 4 (2),68-72.
28. Jasmin Sajini R. Geethalakshmi V. Sivajothi, Anusha N Raj, “Formulation and Evaluation of Herbal Eye Gel from *Heliotropium indium* linn leaf extract for Conjunctivitis”, *Journal of Innovation in Pharmaceutical Sciences*, 2017,1(2): 15-19.
29. K. Mythili, S. Ramesh, C. Uma Maheswara Reddy, D. Chamundeshwari, “Development and evaluation of a new plant-derived topical formulation”, *Asian Journal of Research in Pharmaceutical Sciences and Biotechnology*, 5 (2), 2017, 22 – 27.
30. C. Vinodhini, Chitra. K, K. Saiamhitha, “Glimpses of FDA approved Anti-neoplastic drugs 2016”, *UK Journal of Pharmaceutical and Biosciences* 2017,5(6): 26-34.
31. N.Gopinathan, Sharmaraj S, Sheelarani.T, “Evaluation of two market existing shampoo powder holding herbal ingredients”, *Asian Journal of pharmaceutical analysis and medicinal chemistry* 2017,5 (3): 109-112.
32. R. Nanthakumar, V. Prabakaran, K. Chitra, C. Uma Maheswara Reddy, “Estimation of Loxoprofen sodium dihydrate in tablets by reverse phase high performance liquid chromatography”, *Arabian Journal of Chemistry*, 2016; 9: S632-S636.
33. K.Chitra, T.Regupathy, “Phytochemical screening and determination of total phenolic and flavonoid contents of *Eclipta alba* hassk. and *Lippia nodiflora* linn.T”, *Asian Journal of Phytomedicine and Clinical Research* 2016,4(3),133 – 141.
34. K.Chitra, T.Regupathy, “Isolation and characterization of phytoconstituent from *Lippia nodiflora* linn”, *Asian Journal of Phytomedicine and Clinical Research*,2016, 4(4),149 -158.
35. K.Chitra, T.Regupathy, “Isolation and characterization of phytoconstituent from *Eclipta alba* hassk”, *Asian Journal of Phytomedicine and Clinical Research* 2016, 4(3),142 – 148.
36. K.Chitra, Rajesh, Padma,” Evaluation of invivo Antioxidant Potential of the Aerial Parts of *Aerva lanata* Linn Juss in Streptozotocin Induced Oxidative Stress Rats”, *Medicinal Plant Research* 2016, 6 (2), 1-10.

37. K.Chitra, Chitra V, Tamilanban T, Manasa K, “Cognitive and Anti-Oxidant Property of *Mimusops elengi* Linn. in the Experimental Model of Alzhiemer’s Disease in Rats”, International Journal of Pharm Tech Research 2016,19 (3),311-319.
38. Sujatha K, Sathish babu P, Anand babu K, Chitra K, “In-silico docking studies of natural biotherapeutic agents on human notch receptor”, Der Pharma Chmica 2016,8(13),287-290.
39. Sujatha K, Kavitha, K. Manoharan,S, “Antidiabetic Potential of Acanthaceae Family”, Int. J. Pharm. Sci. Rev. Res., 2016,36(1) ,30-37.
40. Sujatha K, Yogesh Halekunche ,Gopalakrishna Burdipad, Suresh Janadri, “Anti-osteoporotic activity of ethanol extract of *Punica granatum* leaves on ovariectomized rats”, Asian Journal of Pharmacy and Pharmacology 2016, 2(4),85-92.
41. Ms. Shabna Roupal Morais, K.Chitra, “Investigation of Bio-Active Compound and In-vitro Antioxidant Activity of *Spirastrella pachyspira*”, Int. J. Pharm. Sci. Rev. Res.2016, 38(2),162-166.