

Dr. Kamla Pathak
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Total no. of Publications: 177

1. Yadav YC, Pathak K, Yadav R, Pal R. Effects of hesperetin on dimethylsulphoxide induced cognitive dysfunction mediated through oxidative stress marker and neuroinflammation in hippocampus. *Pharmacol Res - Modern Chinese Med.* 2023;8:100254, <https://doi.org/10.1016/j.prmcm.2023.100254>.
2. Gupta MS, Kumar TP, Reddy D, Pathak K, Gowda DV, Babu AN, Aodah AH, Khafagy ES, Alotaibi HF, Abu Lila AS, Moin A. Development and characterization of pullulan-based orodispersible films of iron. *Pharmaceutics.* 2023;15 (3):1027. <https://doi.org/10.3390/pharmaceutics15031027>.
3. Kumar G, Virmani T, Pathak K, Kamaly OA, Saleh A. Central composite design implemented azilsartan medoxomil loaded nanoemulsion to improve its aqueous solubility and intestinal permeability: in vitro and ex vivo evaluation. *Pharmaceuticals (Basel).* 2022; 15(11):1343, <https://doi.org/10.3390/ph15111343>.
4. Lohani A, Verma A, Hema G, Pathak K. Topical delivery of geranium/calendula essential oil-entrapped ethanolic lipid vesicular cream to combat skin aging. *BioMed Res Int.* 2021;2021. <https://doi.org/10.1155/2021/4593759>.
5. Kriplani P, Pathak K, Philip A. Preparation and evaluation of '3 cap' pulsatile drug delivery system of ramipril. *Cardiovasc Hematol Agents Med Chem.* 2021;19(1):50-61.
6. Misra SK, Pandey H, Pathak K, Patil S. Biocompatible antidermatophytic scaffolds (TfG-Nf) for controlled and impressive management of topical Tinea diseases. *Acta Sci Pharm.* 2021; 5(7):08–19.
7. Kumar S, Pathak K, Madhav NVS, Verma A, Pandey S. Nanosizing of model drug: Characterization and evaluation of nanosized model drug diffusion through biomembrane. *Acta Sci Pharm Sci.* 2021;5:34–40.
8. Kumar S, Madhav NVS, Verma A, Pathak K, Pandey S. A novelistic biomaterial from natural source: its isolation and physico-chemical characterization. *Sumerianz J Medical Healthcare.*

2021;4(1):35–42.

9. Porwal A, Dwivedi H, Pathak K. Predicting pharmacokinetic parameters by convolution: An in vitro approach for investigating bifunctional capsulated dosage form. *J Drug Deliv Sci Technol.* 2020;60:102078.
10. Verma A, Sachan N, Pathak K, Verma A. α -(1→4)-linked D-galacturonic acid based linear homopolymer as drug release modulator in HPMC based hydrodynamically balanced system. *Int J Pharm Invest.* 2020; 10(4), 492-499.
11. Porwal A, Dwivedi H, Pathak K. Gastroretentive bilayer film for sustained release of atorvastatin calcium and immediate release of amlodipine besylate: Pharmaceutical, pharmacokinetic evaluation, and IVIVC. *Pharm Dev Technol.* 2020; 25(4):416–31.
12. Kumar S, Madhav NVS, Verma A, Pathak K. Biopolymer from *Cicer arietinum*, a novel bioexcipient: its isolation, characterization and utilization in delivery of nanosized lamotrigine, *Latin Am J Pharm.* 2020;39(7):1340-9.
13. Gauniya A, Mazumder R, Pathak K. Development of ziprasidone nanocrystals prepared by wet media milling technique: IVIVC. *Latin Am J Pharm.* 2020; 39:2293–8.
14. Kumar S, Madhav NVS, Verma A, Pathak K. Development and evaluation of novel bionanoparticles loaded with nanosized lamotrigine by using the novel isolated biopolymer from *Phaseolus vulgaris* seeds. *Int J Pharm Sci Drug Res.* 2020;12(3):247–54.
15. Kumar S, Madhav NVS, Verma A, Pathak K. An innovative approach for development and evaluation of nanosized lamotrigine loaded bionanoparticles using biopolymer from *Fragaria ananassa* fruit. *Int J Pharm Sci Nanotechnol.* 2020;13(4): <https://doi.org/10.37285/ijpsn.2020.13.4.4>.
16. Kumar S, Madhav NVS, Verma A, Pathak K. An innovative approach for development and evaluation of nanosized phenytoin loaded bionanoparticles using biopolymer from *Fragaria ananassa* fruit, *Int J Pharm Invest.* 2020;10(1):158-164,
17. Sharma V, Pathak K. Liquisolid system of paclitaxel using modified polysaccharides: In vitro cytotoxicity, apoptosis study, cell cycle analysis, in vitro mitochondrial membrane potential assessment, and pharmacokinetics. *Int J Biol Macromol.* 2019;137:20–31.

18. Sharma V, Pathak K. Investigating gastroprotective potential of liquisolid curcumin against the role of endogenous aggressive factors and oxidative stress markers. *Ind J Pharm Edu Res.* 2019; 53(3):527–36.
19. Dahiya S, Kaushik A, Pathak K. Formulation optimization of multicomponent aqueous coground mixtures of meloxicam for dissolution enhancement. *Chem Biol Lett.* 2019;6(1):1-7.
20. Gauniya A, Mazumder R, Pathak K. Enhancement of permeability and dissolution profile of poorly permeable drug by using controlled crystallization bottom up technique. *Latin Am J Pharm.* 2020;39(3):576–82.
21. Pathak K, Kumar A, Yadav E. Development and correlation between in vitro drug release and in vitro permeation of thermally triggered mucoadhesive in situ nasal gel of repaglinide PVP K30 complex. *Int J Pharm Sci Drug Res.* 2019;11(1):22–30.
22. Akhtar N, Verma A, Pathak K. Investigating the penetrating potential of nanocomposite β -cycloethosomes: Development using central composite design, in vitro and ex vivo characterization. *J Liposome Res.* 2018; 28(1):35–48.
23. Dwivedi M, Sharma V, Pathak K. Pilosebaceous targeting by isotretinoin-loaded invasomal gel for the treatment of eosinophilic pustular folliculitis: optimization, efficacy and cellular analysis. *Drug Dev Ind Pharm.* 2017;43(2):293-304.
24. Akhtar N, Verma A, Pathak K. Feasibility of binary composition in development of nanoethosomal glycolic vesicles of triamcinolone acetonide using Box-behnken design: in vitro and ex vivo characterization. *Artif Cells, Nanomed Biotechnol.* 2017;45(6):1123–31.
25. Akhtar N, Kumar Singh R, Pathak K. Exploring the potential of complex-vesicle based niosomal ocular system loaded with azithromycin: Development of in situ gel and ex vivo characterization. *Pharm Biomed Res.* 2017;3(1):22–33.
26. Chaturvedi M, Kumar M, Pathak K, Bhatt S, Saini V. Surface solid dispersion and solid dispersion of meloxicam: comparison and product development. *Adv Pharm Bull.* 2017; 7(4): 569 -577.
27. Ain S, Kumar B, Pathak K. QbD based development, optimization and evaluation of cyclodextrin inclusion complex loaded matrix tablet formulation of famotidine. *Eur J Pharm*

Med Res. 2019;4(8):438-2.

28. Kalyanwat R, Shrivastava B, Pathak K. Bioadhesive ocular inserts of norfloxacin for the treatment of ocular E. coli infection: Development and in vitro evaluation. *The Pharm Chem J.* 2017;4(4): 47-56.

29. Ain S, Kumar B, Pathak K. Development and characterization of controlled release famotidine matrix tablets containing complexes. *Int J Curr Pharm Res.* 2017;9:38–46.

30. Gupta R, Chhabra G, Pathak K, Bishnoi HK, Kumar A. To formulate and evaluate taste masked chewable tablet of levocetirizine dihydrochloride and montelukast sodium using ion exchange resin as a drug carrier. *The Pharma Innovation.* 2017; 6(7):27 -32.

31. Kaushik S, Pathak K. Solubility enhancement of glimperide: Development of solid dispersion by solvent melt method, characterization and dosage form development. *Pharm Biomed Res.* 2017, 3(4), 1-13.

32. Pathak K, Sharma V, Sharma M. Optimization, in vitro cytotoxicity and penetration capability of deformable nanovesicles of paclitaxel for dermal chemotherapy in Kaposi sarcoma. *Artif Cells, Nanomed Biotechnol.* 2016;44(7):1671-83.

33. Upadhyay P, Kumar M, Pathak K. Norfloxacin loaded pH triggered nanoparticulate in-situ gel for extraocular bacterial infections: optimization, ocular irritancy and corneal toxicity. *Iranian J Pharm Res.* 2016;15(1):3-22.

34. Sharma V, Pathak K. Effect of hydrogen bond formation/replacement on solubility characteristics, gastric permeation and pharmacokinetics of curcumin by application of powder solution technology. *Acta Pharm Sinica B.* 2016; 6(6):600– 613.

35. Sonkar A, Kumar A, Pathak K. Cellulose acetate 398-10 asymmetric membrane capsules for osmotically regulated delivery of acyclovir. *J Pharm (Cairo).* 2016;2016:8471520.

36. Pathak K, Sharma V, Akhtar N, Rastogi P. Localization of fluconazole in oral cavity by preferential coating of buccoadhesive tablet for treatment of oral thrush. *Int J Pharm Invest.* 2016;6(2):106-115.

37. Ali SF, Joshi M, Akhtar N, Sharma V, Pathak K. Combinational approach using solid dispersion and semi-solid matrix technology to enhance in vitro dissolution of telmisartan.

Pharm Biomed Res. 2016; 2(1):23-35.

38. Singh S, Pathak K. Assessing the bioadhesivity of Acconon MC 8-2 EP/NF for gastroretention of floating microsponges of loratadine and achieving controlled drug delivery. Pharm Biomed Res. 2016;2(2):58-74.

39. Shankar R, Sarangi B, Gupta R, Pathak K. Formulation and characterization of polyherbal cream for skin manifestations. J Asian Assoc Schools Pharm. 2016;5:360- 366.

40. Raghuvanshi S, Pathak K. Bioadhesive floating microsponges of cinnarizine as novel gastroretentive delivery: Capmul GMO bioadhesive coating versus acconon MC 8-2 EP/NF with intrinsic bioadhesive property. Int J Pharm Invest. 2016;6(4):181-193.

41. Singh V, Kumar M, Pathak K. Development of miconazole nitrate loaded micellar gel for improved topical delivery. Thai J Pharm Sci. 2016;40(2):87-94.

42. Shankar R, Joshi M, Pathak K. Labeling of OTC drugs in India: Dilemma whether pharmacy centred or patient centred. Ind J Pharm Pract. 2016;9(3):199- 203.

43. Singh D, Sharma V, Pathak K. Development of lipid micromatrices based sustained release tablets of glipizide: suitability of stearic acid as release retardant. Pharm Biomed Res. 2016; 2(2): 9–30.

44. Kaushik S, Pathak K. Enhancement of dissolution of felodipine; A thermostable compound by hot-melt extrusion solid dispersion approach. Int J Pharm Sci. 2016;37:119–24.

45. Kaushik S, Pathak K. Development and evaluation of monolithic osmotic tablet of ketoprofen: using solid dispersion technique. Int J Pharm Pharm Sci. 2016;8(12):41–47.

46. Gauniya A, Mazumder R, Pathak K. Enhancement of dissolution profile of poorly water soluble drugs by using techniques of nanocrystallization. Curr Nanomed. 2016;6(3):240-50.

47. Akhtar N, Sahu S, Pathak K. Antifungal potential of tolnaftate against *Candida albicans* in the treatment of onychomycosis: Development of nail lacquer and ex vivo characterization. Pharm Biomed Res. 2016;2(3):1-12.

48. Kalyanwat R, Shrivastava B, Pathak K. Preparation and evaluation of bioadhesive ocular inserts of aceclofenac. Int J Pharm Sci Rev Res. 2016;41:207–13.

49. Dadhich T, Kumar M, Pathak K. Capsulated surface solid dispersion of loperamide for

targeted delivery. *The Pharm Chem J.* 2016;3 (4):1–13.

50. Gangwar G, Kumar A, Pathak K. Utilizing guar gum for development of “tabs in cap” system of losartan potassium for chronotherapeutics. *Int J Biol Macromol.* 2015;72:812-818.

51. Jaiswal M, Kumar M, Pathak K. Zero order delivery of itraconazole via polymeric micelles incorporated in situ ocular gel for the management of fungal keratitis. *Colloids Surf B Biointerfaces.* 2015;130:23–30.

52. Joshi M, Sharma V, Pathak K. Matrix based system of isotretinoin as nail lacquer to enhance transungual delivery across human nail plate. *Int J Pharm.* 2015;478(1):268–77.

53. Singh AK, Pathak K. Colon specific CODES based Piroxicam tablet for colon targeting: statistical optimization, in vivo roentgenography and stability assessment. *Pharm Dev Technol.* 2015;20(2):237–45.

54. Tripathi RS, Pathak K. Optimization studies on development and evaluation of papain-based in situ gelling system for chemomechanical caries removal. *Pharm Dev Technol.* 2015; 20(7):801-11.

55. Akhtar N, Arkvanshi S, Bhattacharya SS, Verma A, Pathak K. Preparation and evaluation of a buflomedil hydrochloride niosomal patch for transdermal delivery. *J Liposome Res.* 2015; 25(3):191–201.

56. Dahiya S, Kaushik A, Pathak K. Improved pharmacokinetics of aceclofenac immediate release tablets incorporating its inclusion complex with hydroxypropyl- β -cyclodextrin. *Sci Pharm.* 2015; 83(3):501–10.

57. Khan MA, Akhtar N, Sharma V, Pathak K. Product development studies on sonocrystallized curcumin for the treatment of gastric cancer. *Pharmaceutics.* 2015;7(2):43-63.

58. Shahi P, Kumari N, Pathak K. Microspheres and tablet in capsule system: A novel chronotherapeutic system of ketorolac tromethamine for site and time specific delivery. *Int J Pharm Investig.* 2015;5(3):161–70.

59. Gauniya AN, Mazumder R, Pathak K. Formulation, optimization and characterization of ziprasidone nanocrystals prepared by media milling technique. *Int J Pharm Pharm Sci.* 2015; 7: 146-50.

60. Singh A, Kumar M, Pathak K. β - Galactosidase mediated release characteristics of lornoxicam loaded guar gum microspheres: Evaluation and product development. *Pharm Biomed Res.* 2015;1(4):12–28.
61. Arya P, Pathak K. Assessing the viability of microsponges as gastroretentive drug delivery system of curcumin: Optimization and pharmacokinetics. *Int J Pharm.* 2014; 460(1):1–12.
62. Rajput P, Singh D, Pathak K. Bifunctional capsular dosage form: novel fanicular cylindrical gastroretentive system of clarithromycin and immediate release granules of ranitidine HCl for simultaneous delivery. *Int J Pharm.* 2014;461(1–2):310–21.
63. Tiwari A, Gangwar NK, Pathak K. Fast-dissolving ocular films of riboflavin acetate conjugate for treatment of keratoconus in UVA-CXL procedure: ex vivo permeation, hemolytic toxicity and apoptosis detection. *Expert Opin Drug Deliv.* 2014;11(3):325-43.
64. Singh J, Chhabra G, Pathak K. Development of acetazolamide-loaded, pH-triggered polymeric nanoparticulate in situ gel for sustained ocular delivery: in vitro, ex vivo evaluation and pharmacodynamic study. *Drug Dev Ind Pharm.* 2014;40(9):1223-32.
65. Agrawal V, Kumar M, Pathak K. Defining the properties of pH -sensitive polymeric micellar ocular delivery system of miconazole nitrate for the management of fungal endophthalmitis. *Pharm Nanotechnol.* 2014;2(3):157–66.
66. Singh KP, Chhabra G, Sharma V, Pathak K. Thermosensitive periodontal sol of ciprofloxacin hydrochloride and serratiopeptidase: Pharmaceutical and mechanical analysis. *Int J Pharm Invest.* 2014;4(1):5 -14.
67. Patel NS, Kumar M, Pathak K. Optimization of diltiazem hydrochloride loaded mucoadhesive floating microspheres using calcium carbonate as gas generating agent as floatation aid. *Ind J Pharm Edu Res.* 2014;48(3) 60-74.
68. Yusuf M, Sharma V, Pathak K. Nanovesicles for transdermal delivery of felodipine: Development, characterization, and pharmacokinetics. *Int J Pharm Invest.* 2014;4(3):119 -130.
69. Kumar P, Tewari AK, Chhabra G, Pathak K. Use of central composite design for statistical optimization promethazine teoclate loaded solid lipid nanoparticles. *Asian J Pharm.* 2014;8:279–86.

70. Gupta P, Singh J, Pathak K. Preparation and evaluation of venlafaxine hydrochloride microspheres by ionotropic gelation method, *J Pharm Res.* 2014;8(1),53-58.
71. Singh D, Pathak K. Hydrogen bond replacement—Unearthing a novel molecular mechanism of surface solid dispersion for enhanced solubility of a drug for veterinary use. *Int J Pharm.* 2013;441(1):99–110.
72. Singh RMP, Kumar A, Pathak K. Thermally triggered mucoadhesive in situ gel of loratadine: β -cyclodextrin complex for nasal delivery, *AAPS Pharm Sci Tech.* 2013; 14(1),412-424.
73. Arya A, Sharma V, Pathak K. Pharmaceutical evaluation and dynamic vapor sorption studies of fast dissolving intraoral films of loratadine. *Pharm Dev Technol.* 2013;18(6):1329-38.
74. Pathak MK, Chhabra G, Pathak K. Design and development of a novel pH triggered nanoemulsified in-situ ophthalmic gel of fluconazole: ex-vivo transcorneal permeation, corneal toxicity and irritation testing. *Drug Dev Ind Pharm.* 2013;39(5):780-90.
75. Keshri L, Pathak K. Development of thermodynamically stable nanostructured lipid carrier system using central composite design for zero order permeation of econazole nitrate through epidermis. *Pharm Dev Technol.* 2013;18(3):634–44.
76. Kumar B, Sharma V, Pathak K. Effect of melt sonocrystallization on pharmacotechnical properties of paracetamol, indomethacin and mefenamic acid characterized by dynamic laser scattering and its impact on solubility *Drug Dev Ind Pharm,* 2013; 39(5):687-95.
77. Bhadouriya P, Kumar M, Pathak K. Formulation and in vitro evaluation of prolonged release floating microspheres of atenolol using multicompartement dissolution apparatus. *Drug Dev Ind Pharm.* 2013;39(11):1663-71.
78. Gupta PS, Sharma V, Pathak K. Melt sonocrystallized piroxicam for oral delivery: particle characterization, solid state analysis, and pharmacokinetics. *Expert Opin Drug Deliv.* 2013;10(1):17-32.
79. Upadhyay MS, Pathak K. Glyceryl monooleate-coated bioadhesive hollow microspheres of riboflavin for improved gastroretentivity: optimization and pharmacokinetics. *Drug Deliv Transl Res.* 2013;3:209-23.

80. Sharma P, Pathak K. Inulin-based tablet in capsule device for variable multipulse delivery of aceclofenac: optimization and in vivo roentgenography. *AAPS PharmSciTech*. 2013;14:736-47.
81. Kumar A, Bali V, Kumar M, Pathak K. Comparative evaluation of porous versus nonporous mucoadhesive films as buccal delivery system of glibenclamide. *AAPS PharmSciTech*. 2013;14:1321-32.
82. Sharma V, Pathak K. Modified xanthan gum as rapidly disintegrating hydrophilic excipient for time-controlled disintegrating tablets of roxithromycin. *Ind J Pharm Edu Res*. 2013;47:79-87.
83. Tyagi VK, Singh D, Pathak K. Semisolid matrix-filled hard gelatin capsules for rapid dissolution of amlodipine besilate: Development and assessment. *J Adv Pharm Technol Res*. 2013 ;4(1):42.
84. Mishra S, Singh Patel N, Kumar M, Pathak K. Cross-linked mucoadhesive microspheres based on anionic heteropolysaccharide for nasal delivery of felodipine: optimization and in vitro evaluation. *Drug Deliv Lett*. 2013;3(2):136-48.
85. Prakash V, Keshri L, Sharma V, Pathak K. Taste masking of oxybutynin chloride using lipid excipients and formulation as orodispersible tablets for geriatric population. *Indian Drugs*. 2013; 50 (10):39-56.
86. Kumari S, Pathak K. Cavamax W7 composite psoralen ethosomal gel versus cavamax W7 psoralen solid complex gel for topical delivery: A comparative evaluation. *Int J Pharm Invest*. 2013; 3(4):171- 182 .
87. Sahu D, Sharma OP, Dhari J, Sinha AK, Sharma V, Pathak K. Kyron T-114 as an effective precursor for development of fixed dose combination orodispersible formulation using taste masked resinate. *Int J Drug Devel Res*. 2013; 5(2); 99-112.
88. Ahuja G., Pathak K. Inclusion of amiloride hydrochloride in microporous accurel MP 1000: Effect of solvents, drug loading and in vitro release, *Der Pharmacia Lettre*, 2013, 5(5):241-251.
89. Kaushik S, Pathak K. Solid dispersion adsorbates-A novel method for enhancement of dissolution rates of felodipine. *Int J Pharm Sci Rev Res*. 2013;21(1):310-13.

90. Verma P, Pathak K. Nanosized ethanolic vesicles loaded with econazole nitrate for the treatment of deep fungal infections through topical gel formulation. *Nanomed: Nanotechnol, Biol Med.* 2012 ;8(4):489-96.
91. Rajpoot P, Bali V, Pathak K. Anticancer efficacy, tissue distribution and blood pharmacokinetics of surface modified nanocarrier containing melphalan. *Int J Pharm.* 2012;426(1-2):219-30.
92. Srivastava R, Kumar D, Pathak K. Colonic luminal surface retention of meloxicam microsponges delivered by erosion based colon-targeted matrix tablet. *Int J Pharm.* 2012; 427(2): 153-62.
93. Akhtar N, Pathak K. Cavamax W7 composite ethosomal gel of clotrimazole for improved topical delivery: development and comparison with ethosomal gel. *AAPS PharmSciTech.* 2012; 13:344-55.
94. Dev R, Kumar A, Pathak K. Solubility-modulated asymmetric membrane tablets of triprolidine hydrochloride: statistical optimization and evaluation. *AAPS PharmSciTech.* 2012; 13:174-83.
95. Chauhan MS, Kumar A, Pathak K. Osmotically regulated floating asymmetric membrane capsule for controlled site-specific delivery of ranitidine hydrochloride: optimization by central composite design. *AAPS PharmSciTech.* 2012;13(4):1492–501.
96. Maurya SK, Bali V, Pathak K. Bilayered transmucosal drug delivery system of pravastatin sodium: statistical optimization, in vitro, ex vivo, in vivo and stability assessment. *Drug Deliv.* 2012 ;19(1):45-57.
97. Mishra A, Agrawal S, Pathak K. Naproxen glycine conjugate-synthesis, pharmaceutical preformulation and pharmacodynamic evaluation. *Drug Deliv.* 2012;19(2):102-11.
98. Kumari N, Pathak K. Dual controlled release, in situ gelling periodontal sol of metronidazole benzoate and serratiopeptidase: statistical optimization and mechanistic evaluation. *Curr Drug Deliv.* 2012;9(1):74–84.
99. Bahadur S, Pathak K. Buffered nanoemulsion for nose to brain delivery of ziprasidone hydrochloride: Preformulation and pharmacodynamic evaluation. *Curr Drug Deliv.* 2012; 9(6):

596–607.

100. Vats A, Pathak K. Tableted guar gum microspheres of piroxicam for targeted adjuvant therapy for colonic adenocarcinomas. *Ther Deliv.* 2012;3(11):1281–95.

101. Shah M, Pathak K. Solid lipid nanoparticles of simvastatin: Pharmacokinetic and biodistribution studies on swiss albino mice. *Res J Pharm Dosage Forms Technol.* 2012; 4(6): 336–42.

102. Kumar P, Chhabra G, Pathak K. Development, in vitro statistical optimization and ex vivo evaluation of buccoadhesive film of amlodipine besylate, *Ind J Pharm Ed Res.* 2012; 46(2) 145-154.

103. Garg S, Pathak K, Philip A, Puri D. Osmotically regulated two-compartment asymmetric membrane capsules for simultaneous controlled release of anti-hypertensive drugs. *Sci Pharm.* 2012 ;80(1):229-50.

104. Singh H., Philip B., Pathak K. Preparation, characterization and pharmacodynamic evaluation of fused dispersions of simvastatin using PEO-PPO block copolymer, *Iran J Pharm. Res.* 2012; 11(2) 433- 445.

105. Yadav N, Chhabra G, Pathak K. Enhancement of solubility and dissolution rate of a poorly water soluble drug using single and double hydrophilization approach. *Int J Pharm Pharm Sci.* 2012; 4(1):395-405.

106. Singh SK, Sharma V, Pathak K. Formulation and evaluation of taste masked rapid release tablets of sumatriptan succinate. *Int J Pharm Pharm Sci.* 2012;4(2):168-74.

107. Singh S, Pathak K, Bali V. Product development studies on surface-adsorbed nanoemulsion of olmesartan medoxomil as a capsular dosage form. *AAPS PharmSciTech.* 2012; 13:1212-21.

108. Kaushik S, Pathak K. Solvent wetting method- A novel approach for preparation of Felodipine solid dispersion, *Int J Pharm Sci Letters*, 2012; 2 (6): 163-166.

109. Kaushik S, Pathak K. Physicochemical characterization and dissolution study of solid dispersions of Felodipine with polyethylene glycol 6000, *Int J Pharm Sci Letters*, 2012;2 (5),140-145.

110. Singh AN, Pathak K. Development and evaluation of dual controlled release microballoons containing riboflavin and citric acid: in vitro and in vivo evaluation. *J Microencapsulation*. 2011; 28(5):442-54.
111. Tiwari R, Pathak K. Nanostructured lipid carrier versus solid lipid nanoparticles of simvastatin: comparative analysis of characteristics, pharmacokinetics and tissue uptake. *Int J Pharm*. 2011;415(1-2):232-43.
112. Garg Y, Pathak K. Design and in vitro performance evaluation of purified microparticles of pravastatin sodium for intestinal delivery. *AAPS PharmSciTech*. 2011;12:673-82.
113. Chhabra G, Chuttani K, Mishra AK, Pathak K. Design and development of nanoemulsion drug delivery system of amlodipine besilate for improvement of oral bioavailability. *Drug Dev Ind Pharm*. 2011;37(8):907-16.
114. Sharma R, Pathak K. Polymeric nanosponges as an alternative carrier for improved retention of econazole nitrate onto the skin through topical hydrogel formulation. *Pharm Dev Technol*. 2011;16(4):367-76.
115. Kumar A, Kumar Philip A, Pathak K. Asymmetric membrane capsules of phenylephrine hydrochloride: an osmotically controlled drug delivery system. *Curr Drug Deliv*. 2011;8(5):474-82.
116. Singh G, Chhabra G, Pathak K. Dissolution behaviour and thermodynamic stability of fused-sugar dispersions of a poorly water soluble drug. *Disso Tech*. 2010;1:62-70.
117. Singh S, Bali V, Pathak K. Development and validation of a novel spectrophotometric analytical method for the determination of olmesartan medoxomil in pharmaceutical formulations. *Int J Pharm Pharm Sci*. 2011;3, Suppl 5: 487- 490.
118. Dev RK, Bali V, Pathak K, Novel microbially triggered colon specific delivery system of 5-Fluorouracil: Statistical optimization, in vitro, in vivo, cytotoxic and stability assessment, *Int J Pharm*. 2011, 411,142-151.
119. Kumar Y, Philip B, Pathak K. High-efficiency loading and controlled release of highly water-soluble drug, pravastatin sodium by use of cross-linked β -cyclodextrin. *Int J Pharm Invest*. 2011;1(1):10-16.

120. Sharma R, Walker RB, Pathak K. Evaluation of the kinetics and mechanism of drug release from econazole nitrate nanosponge loaded carbapol hydrogel, *Ind J Pharm Ed Res.* 2011; 45 (1) 25-31.
121. Shah M, Chuttani K, Mishra AK, Pathak K. Oral solid compritol 888 ATO nanosuspension of simvastatin: optimization and biodistribution studies. *Drug Dev Ind Pharm.* 2011;37(5):526-37.
122. Shah M, Pathak K. Development and statistical optimization of solid lipid nanoparticles of simvastatin by using 2 3 full-factorial design. *AAPS PharmSciTech.* 2010;11:489-96.
123. Jain D, Pathak K. Design, characterization, and evaluation of meloxicam gel prepared by suspension and solution polymerization using solubility parameter as the basis for development. *AAPS PharmSciTech.* 2010 Mar;11:133-42.
124. Jain D, Pathak K. Design, characterization, and evaluation of meloxicam gel prepared by suspension and solution polymerization using solubility parameter as the basis for development. *AAPS PharmSciTech.* 2010;11:133-42.
125. Sami F, Philip B, Pathak K. Effect of auxiliary substances on complexation efficiency and intrinsic dissolution rate of gemfibrozil- β -CD complexes. *AAPS PharmSciTech.* 2010;11:27-35.
126. Kumari K, Sharma K, Philip B, Pathak K. Preparation and evaluation of binary and ternary inclusion complex of Itraconazole. *Der Pharmacia Lettre.* 2010;2(4):144-55.
127. Singh A, Pathak D, Pathak K. Use of microporous Accurel MP1000 for duodenal delivery of secnidazole: A high dose, gastric pH unstable drug. *Int J Drug Deliv Technol.* 2010;2(2):26-34.
128. Jain A, Dahiya S, Pathak K. Development and characterization of piracetam- aerosil R 972 adsorbates for controlled delivery of highly water soluble drug, *Indian Drugs,* 2010;47(7): 33-39.
129. Philip AK, Singh N, Pathak K. Egg shell membrane as a substrate for optimizing in vitro transbuccal delivery of glipizide. *Pharm Dev Technol.* 2009;14(5):540-7.
130. Singh AP, Ramadan WM, Dahiya R, Sarpal AS, Pathak K. Product development studies of amino acid conjugate of aceclofenac. *Curr Drug Deliv.* 2009;6(2):208-16.
131. Philip AK, Srivastava M, Pathak K. Buccoadhesive gels of glibenclamide: a means for

- achieving enhanced bioavailability. *Drug Deliv.* 2009;16(7):405-15.
132. Philip AK, Dabas S, Pathak K. Optimized prodrug approach: A means for achieving enhanced anti-inflammatory potential in experimentally induced colitis. *J Drug Targeting.* 2009; 17(3):235-41.
133. Dabas S, Pragati S, Vijay S, Kamla P. Effect of milling on correlation between interquartile coefficient of skewness and coefficient of kurtosis in pharmaceutical powders-II. *Ind J Pharm Ed Res.* 43(3), 32 -39.
134. Kumar M, Misra A, Pathak K. Nanoemulsion based drug delivery system for brain targeting – Formulation considerations, PDA - *J Pharm Sc Tech.* 2009; 63(6): 501-511.
135. Kumar M, Pathak K, Misra A. Formulation and characterization of nanoemulsion-based drug delivery system of risperidone. *Drug Dev Ind Pharm.* 2009;35(4):387-95.
136. Sharma S, Sharma V, Pathak K. Assessment of icing sugar as oro-dispersion modulator for fast disintegrating formulation of cefadroxil, *Pharma Buzz,* 2009; 4(11): 24-30.
137. Singh H, Philip AK, Pathak K. Multiple unit asymmetric membrane capsule: a means for delivery of highly water soluble drug. *Int J Drug Del Tech.* 2009;1(1):9-16.
138. Nandini D, Chauhan NS, Chandra A, Pathak K. Effect of permeation enhancers on the release and permeation kinetics of oxytetracycline hydrochloride organogel formulations, *J Young Pharm.* 2009;1(4): 285-289..
139. Parashar P, Sharma V, Pathak K. In vitro permeation studies on clonazepam from proniosomes based niosomes for transdermal delivery. *J Pharm Res.* 2009;8(1):61-5.
140. Kumar M, Misra A, Mishra AK, Mishra P, Pathak K. Mucoadhesive nanoemulsion-based intranasal drug delivery system of olanzapine for brain targeting, *J Drug Target.* 2008; 16(10): 806-14.
141. Kumar M, Misra A, Babbar AK, Mishra AK, Mishra P, Pathak K. Intranasal nanoemulsion based brain targeting drug delivery system of risperidone, *Int J Pharm.* 2008;358(1-2):285-91.
142. Gupta R, Pathak K. Optimization studies on floating multiparticulate gastroretentive drug delivery system of famotidine. *Drug Dev Ind Pharm.* 2008;34(11):1201-8.
143. Philip AK, Dubey RK, Pathak K. Optimizing delivery of flurbiprofen to the colon using a

- targeted prodrug approach, *J Pharm Pharmacol*. 2008;60(5):607-13.
144. Dahiya S, Pathak K, Sharma R. Development and characterization of coevaporates and coprecipitates of promethazine hydrochloride: formulation considerations, *Chem Pharm Bull*. 2008;56:504–8.
145. Philip AK, Pathak K. Wet process-induced phase-transited drug delivery system: a means for achieving osmotic, controlled, and level A IVIVC for poorly water-soluble drug. *Drug Dev Ind Pharm*. 2008;34(7):735-43.
146. Philip AK, Pathak K, Shakya P. Asymmetric membrane in membrane capsules: a means for achieving delayed and osmotic flow of cefadroxil. *Eur J Pharm Biopharm*. 2008 ;69(2):658-66.
147. Sharma V, Philip AK, Pathak K. Modified polysaccharides as fast disintegrating excipients for orodispersible tablets of roxithromycin. *AAPS PharmSciTech*. 2008;9:87-94.
148. Singh J, Philip AK, Pathak K. Optimization studies on design and evaluation of orodispersible pediatric formulation of indomethacin. *AAPS PharmSciTech*. 2008;9:60-6.
149. Mishra SK, Philip AK, Pathak K. Passage-delaying microbeads for controlled delivery of loratadine. *PDA J Pharm Sci Technol*. 2008;62(6):421-8.
150. Ain S, Philip B, Pathak K. Preformulative assessment of preformed complexes of gemfibrozil, with cyclodextrins. *PDA J Pharm Sci Technol*. 2008 ;62(4):300-8.
151. Mishra SK, Pathak K. Formulation and evaluation of oil entrapped gastroretentive floating gel beads of loratadine. *Acta Pharm*. 2008;58(2):187-97.
152. Pathak D, Dahiya S, Pathak K. Solid dispersion of meloxicam: Factorially designed dosage form for geriatric population. *Acta Pharm*. 2008; 58(1):99-110.
153. Kuksal K, Pathak K. Use of solubility parameter to design dry suspension of cefaclor as a dual pack system. *Ind J Pharm Sci*. 2008;70(5): 603-609.
154. Chamoli K, Jain D, Pathak K. Correlation between interquartile coefficient of skewness and coefficient of kurtosis in pharmaceutical powders, *Ind J Pharm Edu Res*. 2008;42(4): 168-171.
155. Philip AK, Pathak K. Wet process-induced phase-transited drug delivery system: a means

- for achieving osmotic, controlled, and level A IVIVC for poorly water-soluble drug. *Drug Dev Ind Pharm.* 2008;34(7):735-43.
156. Philip AK, Pathak K. In situ formed phase transited drug delivery system of ketoprofen for achieving osmotic, controlled and level A in vitro in vivo correlation. *Ind J Pharm Sci.* 2008; 70(6):745-753.
157. Pushkar S, Deepa P, Kamla P. Formulation and in vitro evaluation of release retardant diclofenac sodium tablets using hydrophilic and waxy matrices. *Ethiop Pharm J.* 2008;26(2): 111-118.
158. Tiwari G, Gupta R, Philip AK, Pathak K. Monolithic periodontal films for simultaneous extended release of metronidazole and doxycycline. *Ethiop Pharm J.* 2008;26(1):27-38.
159. Sharma V, Philip A, Pathak K. Validation on Pharmacokinetics of paracetamol formulations using Bonferroni test. *The Indian Pharm.* 2008;7(74):88-90.
160. Malik A, Pathak K (2008) Development and evaluation of a nutraceutical formulation of Aegle marmelos, *Pharma Buzz*, 2008; 3(10),14 -20.
161. Philip A, Pathak K. In situ-formed asymmetric membrane capsule for osmotic release of poorly water-soluble drug. *PDA J Pharm Sci Tech.* 2007; 61(1):24-36.
162. Philip AK, Pathak K. Dry process induced phase transited drug delivery system: a means for delivery of a GI irritant drug. *Ethiop Pharm J.* 2007;25(2): 121-127.
163. Virmani T, Parvez N, Yadav S, Pathak K. Solid inclusion complexes of class II imidazole derivative with β -cyclodextrin. *Continental J Pharm Sci.* 2007;1:1-8.
164. Shekhar R, Gupta R, Pathak D, Pathak K. Preparation and evaluation of three-layer matrix tablet for oral controlled delivery of tramadol HCl, *Pharma Bio World*, 2007; 59– 64.
165. Dahiya S, Pathak K. Influence of amorphous cyclodextrin derivatives on aceclofenac release from directly compressible tablets. *Die Pharmazie.* 2007;62(4):278-83.
166. Dahiya S, Pathak K. Physicochemical characterization and dissolution enhancement of aceclofenac-hydroxypropyl β -cyclodextrin binary systems. *PDA J Pharm Sci Technol.* 2006;60(6):378-88.
167. Samuel B, Philip A, Pathak K, Pathak D. Preparation and evaluation of gastroretentive

- delivery system of flurbiprofen. *The Indian Pharmacist*. 2006;5(45):76-8.
168. Bhatt S, Ramana MV, Pathak K, Fabrication and evaluation of polymeric films for transdermal delivery of metoprolol tartrate, 2006, *Egypt Pharm J*. 2006; 5(1):19-28.
169. Dahiya S. Dissolution enhancement of aceclofenac by alpha cyclodextrin Complex. *J Pharm Res*. 2006;5(5):99-103.
170. Philip AK, Pathak K. Validation approaches to standard curve: Application of alternative hypothesis, *J Pharm Res*. 2006; 5(2): 57-60.
171. Philip AK, Pathak K. Osmotic flow through asymmetric membrane: a means for controlled delivery of drugs with varying solubility, *AAPS PharmSciTech*. 2006 Sep;7:E1-1.
172. Singla AK, Pathak K. Constituents of *Euphorbia prostrata*, *Fitoterapia*. 1991; LXII, (5),453 -454.
173. Singla AK, Pathak K. Quantitative spectrofluorometric determination of flavonoids and their glycosides, *Ind J Pharm Sc*. 1991; 53(1): 27- 30.
174. Singla AK, Babber P, Pathak K. Effect of zinc-ion on indomethacin degradation in alkaline aqueous solutions. *Drug Dev Ind Pharm*.1991; 17(10):1411-8.
175. Singla AK, Mediratta DK, Pathak K. Bioavailability of indomethacin from zinc-indomethacin complex. *Int J Pharm*.1990; 60(1):27-33.
176. Singla AK, Pathak K. Topical antiinflammatory effects of *Euphorbia prostrata* on carrageenan-induced footpad oedema in mice, *J Ethnopharmacol*. 1990;29(3):291-4.
177. Singla AK, Pathak K. Anti-inflammatory studies on *Euphorbia prostrata*. *J Ethnopharmacol*.1989 ; 27(1-2):55-61.

Dr. Praveen Kumar

Associate Professor

Total no. of Publications: 44

1. Kumar P, Tripathi L. Potent anticonvulsant compounds with anti-hyperalgesic activity in mouse formalin test of hyperalgesia. *Russian Journal of Pain*. 2023; 21(1):19-25.
<https://doi.org/10.17116/pain20232101119>.

2. Mujeeb S, Singh K, Yogi B, Kumar P, Kumar P. Design, Synthesis and Anti-tubercular Evaluation of Some Novel Chroman-Hydrazone Derivatives. *Asian Journal of Chemistry*. 2023; 35(2): 483-492. <https://doi.org/10.14233/ajchem.2023.27002>
3. Suvaiv, Singh K, Kumar P, Hasan SM, Kushwaha SP, Kumar A, et al. Antibacterial Potentiality of Isatin-Containing Hybrid Derivatives. *Asian Journal of Chemistry*. 2023; 35 (4): 815-827. <https://doi.org/10.14233/ajchem.2023.27632>.
4. Srivastava S, Singh K, Gupta SK, Kushwaha S, Kumar A, Kumar P. Recent advances in isatin-thiazole hybrids as potential anticancer agents. *Annals of Phytomedicine*. 2022; 11(2): 33-41. DOI: <http://dx.doi.org/10.54085/ap.2022.11.2.4>.
5. Kumar P, Tripathi L. Computational study and synthesis of a new class of anticonvulsants with 6 Hz psychomotor seizure test activity: 2-(1,3-benzodioxol-5-yloxy)-N-[substituted]-acetohydrazides. *Medicinal Chemistry*. 2021; 17(10):1175-1193. doi: 10.2174/1573406416666201106111110.
6. Neupane NP, Karn AK, Mukeri IH, Pathak P, Kumar P, Singh S, et al. Molecular dynamics analysis of phytochemicals from *Ageratina adenophora* against COVID-19 main protease (Mpro) and human angiotensin-converting enzyme 2 (ACE2). *Biocatalysis and Agricultural Biotechnology*. 2021; 32:101924. doi: 10.1016/j.bcab.2021.101924.
7. Baranwal J, Kumar P, Kumari M, Tiwari VS. Synthesis, Characterization and in vitro Antifungal Evaluation of Transition Metal Complexes Derived from N-[substituted]-4-methylpiperidine-1-carbothiohydrazides. *Rasayan Journal of Chemistry*. 2021; 14 (3): 2068-2076.
8. Kumar P, Kumar JP, Barnwal J, Singh R. Design, Synthesis and Molecular Docking Studies of 4-{3-[2-(2-Morpholin-4-yl-ethoxy)-phenyl]-5-phenyl-pyrazol-1-yl}-benzenesulfonamide as Anti-Breast Cancer Agent. *Asian Journal of Organic & Medicinal Chemistry*. 2020; 5(4): 301-306. DOI: <https://doi.org/10.14233/ajomc.2020.AJOMC-P271>
9. Kumar P, Tripathi L. Augmentation of GABAergic neurotransmission by novel N-(substituted)-2-[4-(substituted) benzylidene]hydrazinecarbothioamides-A potential

- anticonvulsant approach. *European Journal of Medicinal Chemistry*. 2013;64:477- 87.
10. Kumar P, Shrivastava B, Pandeya SN, Stables JP. Design, synthesis and potential 6 Hz psychomotor seizure test activity of some novel 2-(substituted)-3-
{[substituted]amino}quinazolin-4(3H)-one. *European Journal of Medicinal Chemistry*. 2011;1: 1106-18
 11. Kumar P, Tripathi L, Stables JP. Design, synthesis and anticonvulsant evaluation of novel N-(4-substituted phenyl)-2-[4-(substituted) benzylidene]-hydrazinecarbothio amides. *European Journal of Medicinal Chemistry*. 2012;47:153 -66.
 12. Kumar P, Tripathi L. A new class of anticonvulsants possessing 6 Hz psychomotor seizure test activity: 2-(1H-Benzotriazol-1-yl)-N-[substituted] acetohydrazides. *Medicinal Chemistry*. 2012;8(3):337-48.
 13. Kumar P, Shrivastava B, Pandeya SN, Stables JP. Design, synthesis and anticonvulsant evaluation of some novel 1, 3 benzothiazol-2-yl hydrazones/ acetohydrazones. *Medicinal Chemistry Research*. 2012;21(9): 2428-42.
 14. Kumar P, Shrivastava B, Pandeya SN, Stables JP. Anticonvulsant and neurotoxicity evaluation of some novel 2-(1H-Benzotriazol-1-yl)-N-[substituted] acetohydrazide. *Asian Journal of Chemistry*. 2010;22(10):7771-77
 15. Tripathi L, Solanki R, Kumar P. Anticonvulsant potential of ethanolic extract of *Vetiveria zizanioides* (Linn.). *Asian Journal of Chemistry*. 2013;25(9):5111-12.
 16. Ajeet, Kumar P, Tripathi L. Virtual screening tool based designing and evaluation of novel sulfonamide derivatives as anticonvulsant agent- A pharmacophoric approach. *Int. J. Pharm. Phytopharmacol*. 2012;2(3):202-08.
 17. Kumar P, Shrivastava B, Pandeya SN, Stables JP. Synthesis and anticonvulsant activity of some novel 3-
{[substituted]-amino}-2-phenyl-3H-quinazolin-4-one. *Advances in Pharmacology and Toxicology*. 2010;11(3):77-83.
 18. Kumar P, Shrivastava B, Pandeya SN, Stables JP. Anticonvulsant and neurotoxicity evaluation of some novel 3-
{[substituted]-amino}-2-phenyl 3H-quinazolin-4-one. *International Journal of Pharmacology and Biological Sciences*. 2010;4(3):55-61.

19. Gupta S, Pandeya SN, Kumar P, Tripathi L. Synthesis and analgesic activity of some new phenyl sulfonyl derivatives. *Asian Journal of Chemistry*. 2007;19(4):2818-22.
20. Gupta S, Pandeya SN, Kumar P, Tripathi L. Synthesis and analgesic activity of some new benzoyl derivatives. *Asian Journal of Chemistry*. 2007;19(4):2891-95.
21. Gupta S, Pandeya SN, Kumar P, Murti K. Synthesis and analgesic activity of 7-Isopropyl 4-methyl 1-(substituted phenyl sulfonyl). *Indian Journal of Heterocyclic chemistry*. 2006;16:193- 94
22. Kumar A, Singh V, Kumar P. Spectrophotometric determination of DFMO hydrochloride in pure and pharmaceutical preparations using ion-pair reagents. *Pakistan Journal of Pharmaceutical sciences*. 2014;28(2):623-29
23. Kumar A, Singh V, Kumar P. Spectrophotometric Determination of Eflornithine Hydrochloride using Vanillin as Derivative Chromogenic Reagent. *Tropical Journal of Pharmaceutical Research*. 2014;13(11):1917-23
24. Kumar P, Tripathi L, Solanki R. In vitro anthelmintic activity of aerial parts of *Vetiveria zizanioides* Linn Nash. *Asian Journal of Chemistry*. 2013;25(8):4707-08
25. Kumar P, Tripathi L, Solanki R. In vitro anthelmintic activity of seeds of *Cicer arietinum* Linn. *Asian Journal of Chemistry*. 2013;25(9):5109-10
26. Kumar P, Tripathi L. A comparative evaluation of wound healing activity of various parts of *Clerodendrum infortunatum* Linn. *Asian Journal of Chemistry*. 2013;25(8):4574-76
27. Kumar P, Tripathi L. Wound healing activity of ethanolic extract of *Bryophyllum calycinum* Salisb. *Asian Journal of Chemistry*. 2013;25(9):4991-93.
28. Kumar A, Singh V, Kumar P. Determination and Validation of Eflornithine Hydrochloride by (Rp-Hplc) Reversed Phase High Performance Liquid Chromatography. *American Journal of Pharmacological Sciences*. 2013;1(5):90-95.
29. Singh C, Kumar P. A Study on Solubility Enhancement Methods for Poorly Water Soluble Drugs. *American Journal of Pharmacological Sciences*. 2013;1(4):67-73
30. Kumar A, Singh V, Kumar P. Development and Validation of Newer High Performance Thin Layer Chromatographic Method for Quantification of Eflornithine Hydrochloride in Pharmaceutical Formulations. *American Journal of Pharmacological Sciences*.

2013;1(4):47-52.

31. Kumar A, Singh V, Kumar P. A new spectrophotometric method for the determination of Eflornithine hydrochloride in parenteral formulation. *American Journal of Pharmacological Sciences*. 2013;1(3):38-41

32. Kumar P, Tripathi L. In-vitro anti-malarial evaluation of hydro-ethanolic extract of stem bark of *Syzygium cumini*. *Int. J. of Pure & Applied Chemistry*. 2009;4(4):257-59

33. Kumar P, Kumar S. Acrylonitrile-induced mitochondrial dysfunction: Neuroprotective role of ALA via enhancement of oxidative stress in rats. *Advances in Pharmacology and Toxicology*. 2014;15(1):31-38

34. Kumar P, Kumar S. Study of the neuroprotective effect of alpha lipoic acid on acrylonitrile induced cellular dysfunction by enhancement of oxidative stress in rat hippocampus. *International Journal of Pharmacology and Biological Sciences*. 2014;8(2):37-44.

35. Tripathi L, Kumar P. Designing of novel 6 (H)- 1,3,4- thiadiazine derivatives as MMP12 inhibitors: A MLR and docking approach. *American Journal of Pharmacological Sciences*. 2013;1(2):29-34.

36. Singh C, Kumar P. Development and Characterization of Muco-Adhesive Microcapsules Containing Hypoglycemic Drug. *Asian Journal of Biomedical & Pharmaceutical Sciences*. 2013;3(17):35-40.

37. Singh C, Kumar P. Orifice Ionic Gelation Method for Muco-Adhesive Microcapsules: Predictive Tools for Achieving the Sustained Action of Pioglitazone Hydrochloride. *Recent Advances in Pharmaceutical Science*. 2013;2(1):67-77

38. Tripathi L, Kumar P, Nema RK, Tiwari A, Goyal A. Pharmacognostic and phytochemical evaluation of leaves of *Tamarindus indica*. *Planta Indica*. 2007;3(3): 21-23

39. Dua K, Kumar P. Formulation and evaluation of topical bases of aceclofenac. *The Indian Pharmacist*. 2006;V(45):73-75.

40. Kumar A, Singh V, Kumar P. Quantitative estimation of Eflornithine by Nitrite (Diazotization) titration. *MIT International Journal of Pharmaceutical Sciences*.

2016;2(1):12–14.

41. Rathore V, Kumar P. Development and evaluation of sustained release microparticles of Ketorolac Tromethamine. MIT International Journal of Pharmaceutical Sciences.

2015;1(2):14–20.

42. Kaushik R, Kumar P. Physicochemical evaluation of Triphala churna. MIT International Journal of Pharmaceutical Sciences. 2015;1(1):71–74

43. Kumar A, Singh V, Kumar P. Spectrophotometric determination of Eflornithine hydrochloride through Schiff's base system using PDAB reagent in pharmaceutical preparation. MIT International Journal of Pharmaceutical Sciences. 2015;1(1):1–5

44. Singh C, Kumar P. Solvent Evaporation Method for Amorphous Solid Dispersions: Predictive Tools for Improve the Dissolution Rate of Pioglitazone Hydrochloride.

International Journal of Pharmaceutical, Chemical and Biological Sciences.

2013;3(2):350-59.

Dr. Yogesh Chand Yadav

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Total no. of Publications: 54

1. Yadav YC, Pathak K, Yadav R, Pal R. Effects of hesperetin on dimethylsulphoxide induced cognitive dysfunction mediated through oxidative stress marker and neuroinflammation in hippocampus. Pharmacol. Res.-Mod. Chin. Med. 2023 April; 8: 100254: 1-8.

2. Yadav YC, Patnaik S. Hesperetin-loaded polymeric nanofibers: assessment of bioavailability and neuroprotective effect. Drug Dev Ind Pharm. 2023 Feb;49(2):240-247.

3. Yadav YC, Singh A, Kannaujia SK, Yadav R. Neuroprotective effect of Citrus limon juice against scopolamine induced amnesia in Wistar rats: Role of cholinergic neurotransmission monitoring and beta-actin signaling. Pharmacol. Res.-Mod. Chin. Med. 2022 Nov; 5: 100191-1-8.

4. Yadav YC, Anshika, Kumar S. Adverse events of paediatric immunization. J

Phytopharmacology. 2021;10(2):114-16.

5. Yadav YC, Patnaik S, Swain K. Curcumin loaded mesoporous silica nanoparticles: assessment of bioavailability and cardioprotective effect. *Drug Dev Ind Pharm.* 2019; 45(12): 1889–189

6. Yadav YC. Effect of cisplatin on pancreas and testies in Wistar rats: biochemical parameters and histology. *Heliyon.* 2019 Aug 8;5(8): e02247. doi: 10.1016/j.heliyon.2019.e02247. Erratum in: *Heliyon.* 2020 Apr 23;6(4): e03688. PMID: 31453403; PMCID: PMC6700420.

7. Yadav YC. Effect of *Ficus benghalensis*L. Latex Extract (FBLE) on Cisplatin Induced Hypotension and Renal Impairment in Wistar Rats. *Biochem Pharmacol (Los Angel)*, 2016; 5: 216.

8. Yadav YC. Effect of *Ficus religiosa* latex on cisplatin induced liver injury in Wistar rats. *Rev. Bras. Farmacogn.* 2015; 25 (3): 278-283.

9. Lulat SI, Yadav YC, Balaraman R, Maheshwari R. Antiurolithiatic effect of lithocare against ethylene glycol-induced urolithiasis in Wistar rats. *Indian J Pharmacol.* 2016; 48: 1: 78-82.

10. Yadav YC, Srivastava DN. Nephroprotective and curative effects of *Ficus religiosa* latex extract against cisplatin induced acute renal failure. *Pharm Biol.* 2013; 51(11): 1480-1485.

11. Yadav YC, Srivastav DN, Seth AK. Nephroprotective and Curative Activity of *Lepidium Sativum* L. Seeds in Albino Rats Using Cisplatin Induced Nephrotoxicity. *Pharmacologyonline.* 2009; 3: 640-646.

12. Yadav YC, Srivastav DN, Seth AK, Saini V. Nephroprotective and curative activity of *Lepidium sativum* L. seeds in albino rats using cisplatin induced acute renal failure. *Der Pharma Chemica.* 2010; 2(4): 57-64.

13. Yadav YC, Srivastav DN, Seth AK, Saini V, Kumar S. Nephropharmacological activity of ethanolic extract *Lepidium sativum* l. seeds in Albino rats using cisplatin induced acute renal failure. *Int. J. Pharm. Sci. Rev. Res.* 2010; 4 (3): 64-68.

14. Yadav YC, Srivastav DN, Seth AK, Saini V. In vivo antioxidant potential of *Lepidium sativum* L. Seeds in albino rats using cisplatin induced nephrotoxicity. *Int. J. Phytomedicine*. 2010; 2: 292-298.
15. Yadav YC, Jain A. Fracture Healing activity of ethanolic extract of *Lepidium sativum* L. seeds in internally fixed rat's femoral osteotomy model. *Int J Pharm Pharm Sci*. 2011; 3 (2):193 -197.
16. Yadav YC, Srivastav DN, Saini V, Singhal S, Seth AK. Experimental Studies of *Ficus religiosa* (L) latex for preventive and curative effect against cisplatin induced nephrotoxicity in Wistar rats. *J. Chem. Pharm. Res*. 2011; 3(1): 621-627.
17. Yadav YC, Srivastav DN, Saini V, Seth AK, Ghelani TK, Malik A, Kumar S. In-vitro antioxidant activities of ethanolic extract of *Lepidium sativum* L. seeds. *Pharm. scien. monit*. 2011; 2 (3): 244-253.
18. Yadav YC, Srivastav DN, Saini V, Seth AK, Kumar S, Ghelani TK, Malik A. In-vitro antioxidant activities of methanolic extract of *Ficus religiosa* L. Latex. *Pharm. scien. monit*. 2011; 2 (3): 254-264.
19. Yadav YC, Srivastav DN, Saini V, Singhal S. Nephroprotective and curative Activity of methanolic extract of *Ficus religiosa* L. latex in Albino Rats Using Cisplatin Induced Nephrotoxicity. *Pharmacologyonline*. 2011; 1: 132-139.
20. Yadav YC, Srivastav DN, Saini V, Singhal S. In-vitro antioxidant activity of methanolic extraction of *Ficus benghalensis* L. latex. *Pharmacologyonline*. 2011; 1: 140-148.
21. Yadav YC, Jain A, Srivastav DN. Comparative in-vitro antioxidant and phytochemical screening of traditional medicinal plants. *Int J Pharm Sci*. 2011; 3(5): 348-354.
22. Yadav YC, Sudhakar B, Seth AK. Synergistic effect of natural dietary antioxidant and cisplatin in lung cancer treatment. *Int J drug discov medi research*. 2012; 1 (1): 15-19.
23. Yadav YC, Bhatt P, Seth AK. Cardioprotective effect of curcumin and *Ficus benghalensis* against doxorubicin-induced myocardial toxicity in rats. *Int J drug discov medi research*. 2014; 3(1): 202-208.
24. Md. A, Yadav YC, Kumar A, Gupta A.K., Clinical applications of magnetic resonance

imaging (mri) in epilepsy disorder. IJRT. 2108; 6(2): 384-396.

25. Mohammad A, Gupta AK, Godara SC, Yogesh YC. Emerging Trends Using Various Technological Advancements in Traumatic Brain Injury (TBI) in Western U.P. Austin J Radiol. 2018; 5(1): 1079

26. Mohammad A, Mohammad Z, Yadav YC, Prabhakar BT, Gupta AK. Evaluation of Epidemiological Trends and Severity of Traumatic Brain Injury Using Multi-Detector Computed Tomography Scanner in Uttar Pradesh University of Medical Sciences Hospital. OMICS J Radiol. 2017; 6:1-5.

27. Deshmukh G, Ruikar D, Seth AK, Jitendra Patel J, Ghelani T, Kumar S, Yadav YC. Formulation and Development of Lamotrigine Fast Disintegrating Tablet. Pharm. sci. monit. 2011; 2(3): S7-S15.

28. Sudhakar B, Rita MS, Yadav YC Correlation of Serum Ferritin with Components of Metabolic Syndrome and its Relationship with the Insulin Resistance in Men in Women. Clin Med Biochem. 2016; 2 (1): 1-6.

29. Sahoo U, Dhanya B, Seth AK, Sen AK, Kumar S, Yadav YC, Ghelani TK, Chawla R. Microwave assisted synthesis and characterization of certain novel bipyrazole derivatives and their antimicrobial and antioxidant activities. Int. J. Pharm. Res. 2010; 2(1): 82-87.

30. Kumar S, Gupta VD, Seth AK, Yadav YC. Synthesis, characterization and antimicrobial activity of benzimidazolyl-phenothiazine derivatives. Int J Pharm Res. 2010; 2(2):45-50.

31. Kumar S, Srivastava DN, Singhal S, Saini V, Seth AK, Yadav YC. Antimicrobial activity of 4{[2-{4-[(pheothiazie 10yl-pheylmethyl)- Amio] 2, 3 dihydrobezimidazol-1-yl) pheylmethyl] Amio}-benzoic acid derivatives. Pharmacologyonline. 2010; 3: 645-651.

32. Kumar S, Srivastava DN, Singhal S, Saini V, Seth AK, Yadav YC. Synthesis, characterization of 4{[(7-chloro-2-nitro phenothiazine-10-yl)-phenyl-methyl]-amino}-benzoic acid derivatives. J. Chem. Pharm. Res. 2011; 3(1):563-571.

33. Kumar S, Srivastava DN, Singhal S, Saini V, Seth AK, Yadav YC. Antimicrobial activity of 4{[(7-chloro-2-nitro phenothiazine-10-yl)-phenyl-methyl]-amino}-benzoic acid derivatives. J. Glob. Pharma Technol. 2011; 3(1): 28-32.

34. Kumar S, Srivastava DN, Singhal S, Saini V, Seth AK, Yadav YC. Synthesis, characterization of 4{[2-{4- [(phenothiazine 10yl-phenyl-methyl)-amino]2,3-Dihydrobenzimidazol-1-yl)phenyl-methyl]amino}- Benzoic acid derivatives. *Pharm. scien. monit.* 2011; 2(2): S176-S183.
35. Bodar JD, Kumar S, Yadav YC, Seth AK. Development of the spectrophotometric method for the simultaneous estimation of pioglitazone and metformin. *Pharm. scien. monit.* 2011; 2(3): 236-243.
36. Mehta D, Seth AK, Kumar S, Yadav YC. HPLC method for simultaneous estimation of ofloxacin and Nitazoxanide in its tablet dosage form. *Pharm. scien. monit.* 2011; 2(4): 1-12.
37. Patel D, Kumar S, Yadav YC, Seth AK. RP-HPLC method for development and Validation of Lisinopril Tablets. *Pharm. scien. monit.* 2011; 2(3): S16-S23.
38. Bodar JD, Kumar S, Yadav YC, Gajanan J. Development of The Chromatographic Method for the Estimation of Palonosetron in Palonosetron. *Pharm. scien. monit.* 2011; 2(3): S24-S31.
39. Shrey S, Ghelani TK, Shah N, Seth AK, Deshmukh G, Chauhan S, Kumar S, Yadav YC, Formulation and in-vitro Evaluation of Sustained Release Tablets of Clomipramine Hydrochloride. *Pharm. scien. monit.* 2012; 3 (1): 35-47.
40. Jha VN, Seth AK, Kumar S, Yadav YC. Development of a Rapid, Accurate and Sensitive UV-spectroscopic Method for Estimation of Rivastigmine Tartrate Entrapped in Nanoparticles *Pharm. scien. monit.* 2011; 2(3): 216-235.
41. Bodar JD, Kumar S, Yadav YC, Seth AK. Analytical Method Development and Method Validation of Tiotropium Bromide and Formoterol Fumarate Metered Dose Inhaler (MDI) by Using Rp-Hplc Method. *Asian j. biochem. pharm. res.* 2011; 1(1):145-158.
42. Malik A, Kushnoor A, Saini V, Singhal S, Kumar S, Yadav YC. Analytical Method Development of Nutraceutical Umbelliferone. *Pharm. scien. monit.* 2012; 3(1): 67-73.
43. Malik A, Kushnoor A, Saini V, Singhal S, Kumar S, Yadav YC. Spectrophotometric

Analytical Method of Nutraceutical Scopoletin. *Asian j. biochem. pharm. res.* 2011; 1(1): 161-165.

44. Malik A, Kushnoor A, Saini V, Singhal S, Kumar S, Yadav YC. In vitro antioxidant properties of Scopoletin. *J. Chem. Pharm. Res.* 2011, 3(3):659-665.

45. Malik A, Kushnoor A, Saini V, Singhal S, Kumar S, Yadav YC. Formulation and Evaluation of Timolol Maleate Ocular Insert. *Asian j. biochem. pharm. res.* 2011; 1(1): 166-174.

46. Surani VS, Donga JJ, Chauhan S, Ghelani TK, Seth AK, Shah N, Kumar S, Yadav YC, Saini V. Design, Development and evaluation of the Hydrodynamically balanced tablets of ciprofloxacin Hydrochloride. *Pharm. scien. monit.* 2012; 3(1): 123-138.

47. Ghelani TK, Seth AK, Saini V, Singhal S, Kumar S, Yadav YC. Formulation and Evaluation of Dorsolamide HCl Ocular Insert. *Indo Am. j. pharm. res.* 2011;1(3):181-188.

48. Ghelani TK, Seth AK, Saini V, Singhal S, Kumar S, Yadav YC. In-vivo and ocular safety study of Dorsolamide HCl Ocular Insert. *Pharmacologyonline.* 2011; 2: 1179-1187.

49. Ghelani TK, Seth AK, Vipin S, Kumar S, Yadav YC. Design and Optimization of Timolol Maleate Ocular Insert by Statistical 32 Factorial Designs. *Acta Pharm. Sci* 2011; 53: 577-592.

50. Sudhakar B, Shah RM, Yadav YC, Hemoglobinopathies in Vadodara: a hospital-based study. *Int J drug discov medi research.* 2012;1 (1):1-4.

51. Patel P, Yadav YC, Seth AK, Kumar S, Ghelani TK, Pharmacotherapy of nephropathy: a review. *Int J drug discov medi research.* 2012;1(1): 44-52.

52. Pankaj Kumar, Avdhesh Singh Yadav, Sharad Kumar, Yogesh Chand Yadav, AK Seth Vaidehi Jha. Process Validation of Pantoprazole Sodium Delayed Release Tablet USP 40mg. *Inventi rapid: pharm. process dev.* 2012; 2: 326-325.

53. Kumar P, Arora PS, Yadav YC, Anti-inflammatory activity of coumarin and steroidal fractions from leaves of moringa oleifera. *Int J drug discov medi research.* 2012; 1(1): 20-25.

54. Maheshwari R, Pandya B, Balaraman R, Yadav YC, Sankar VS. Hepatoprotective effect

of Livplus-A polyherbal formulation. J Pharm Pharmacogn Res. 2015; 7(5): 311-316.

Dr. Pushpendra Kumar

Asst. Professor

Total no. of Publications: 13

1. Jain S, Kumar M, Kumar P, Verma J, Rosenholm JM, Bansal KK, Vaidya A. Lipid–Polymer Hybrid Nanosystems: A Rational Fusion for Advanced Therapeutic Delivery. J Funct Biomaterials. 2023 14:437.
2. Kumar M, Kumar P, Sagar S, Chaudhary A. Iron oxide nanoparticles Approaching to eradicate her2-positive breast cancer: a review. International journal of Health sciences, 6(s2),2022.12680–12707. <https://doi.org/10.53730/ijhs.v6ns2.8308>
3. Kumar P, Chandra V, Kumar M, Bharti K, Verma N.K.. A survey on covid-19 vaccine complication in india.International journal of health sciences. 6(s4), 2022 11868–11875. <https://doi.org/10.53730/ijhs.v6ns4.11411>
4. Kumar M, Kumar P, Chandra V, Choudhary M. K, Verma N. K. A review on adverse drug reactions induced by anti-tubercular drugs. International journal of health sciences. 6(s4), (2022) 11876–11880. <https://doi.org/10.53730/ijhs.v6ns4.11418>
5. Kumar M, Kumar P, Chandra V. Evaluation of wound healing activity of rosa indica linn. In experimental Rats indian research journal of pharmacy and science; 25(2020) 2141 doi: 10.21276/irjps.2020.7.2.5
6. Kumar P, Aafreen, Kumar S, Kumar M. Comparison between hypolipidemic effect of lagenaria siceraria and lovastatin in Hypercholesterolemic rats. Paripex - indian journal of research volume-8 | issue-2 | February-2019 | print ISSN - 2250-1991
7. Kumar M, Kumar P, Sharma U.S. Assesment of wound healing properties of medicinal plant: the case of rosa indica linn. Journal of pencee ISSN: 0031-4773 vol 51 issue 7 2021 113-120
8. Yadav V.K, Yadav V.K ,Kumar P, Singh A, Kumar M, Devi U. Corona Virus Disease-2019 (Covid-19) Pandemic: A Review Of The Current Evidence" European Journal of Biomedical and Pharmaceutical sciences. 2020 ISSN 2349-8870 Volume 7, Issue 8, 268-277.
9. Kumar P, Gupta P.S. Antidiabetic evaluation of various polar & non polar extracts of Corchorus trilocularis linn In streptozotocin induced diabetic animals. International Journal of Pharmacy and Biological Science 2017 Volume 7, Issue 3, 222-228
10. Kumar P, Gupta P.S. Bioactivity guided isolation and anti-cataract activity of A-amyrin from dichloromethane extract of corchorus trilocularis” in International Journal of Pharmacy and Biological Science 2017 . Volume 7, Issue 4 , 248-254

11. Chaudhari V.K, Pathak D, Hussain Z, Kumar P, Yadav V. Importance of Herbal drug for new drug development. Journal of Applied Pharmaceutical Sciences and Research. 2019 E-ISSN : 2581-5520 Vol. 1 Issue.4 ,19-22 JAN PAGE 19-22
12. Kannoja P, Kumar P, Singh R, Tomar V. Hypolipidemic effect of aqueous extract of lagenaria siceraria in hypercholesterolemic rats. International journal of advances in pharmaceutical research 2013, ISSN: 2230 – 7583, vol. 4 , issue. 2 ,1434 – 1440 .
13. Kumar P, Yadav V.K, Chaudhary V, Yadav V.K. Challenges in formulating herbal cosmetics The international journal of analytical and experimental modal analysis . 2021 , ISSN:0886-9367 volume XIII, issue II , 1-15.

Dr. Ankur Vaidya

Asst. Professor

Total no. of Publications: 21

1. Chourasiya RK, Agrawal RK, Vaidya A. Promising Anticancer Activity of β -Carboline Derivatives: Design, Synthesis, and Pharmacological Evaluation. Chemistry. 2022 4:1395–1407.
2. Yadav R, Dubey N, Jain S, Vaidya A, Kumar R. Assessment of Stress, Anxiety and Depression Level Among COVID-19 Positive Patients Admitted in Rural Tertiary Care Hospital. Coronavirus. 2022 3(3):1-5.
3. Yadav R, Jain S, Vaidya A, Kumar R. Assessment of mental stress in health care workers of rural tertiary care hospital in COVID-19 pandemic. JMPAS. 2021 10(3):2937-2943.
4. Yadav R, Vaidya A, Kumar R, Jain S, Shukla AK. Psychological Distress in Healthcare Workers During Covid-19 Pandemic. JMPAS. 2021 10(1):2644-2652.
5. Vaidya A, Jain S, Kumar PBR, Singh SK, Kashaw SK, Agrawal RK. Synthesis of 1,2,4-oxadiazole derivatives: anticancer and 3D QSAR studies Monatsh. Chem. 2020 151:385-395. (I.F. 1.5).
6. Jain S, Jain S, Chauhan NS, Vaidya A. Gastrointestinal Protective Effect of Zizyphus xylopyrus (Retz) Wild Leaf Extract Against Indomethacin and HCl-EtOH Induced Ulcers. Curr. Tradit. Med. 2019 5(2):140-146.
7. Khan T, Vaidya A, Jain R. Meropenem Loaded Pectin Microspheres for Colon Delivery.

AJBR. 2018 4(4):8-20.

8. Vaidya A, Jain R, Jain A. Design and Development of Mucoadhesive Thiolated Chitosan Microspheres for Colonic Drug Delivery. *J Bionanoscience*. 2018 12(4):590-598.
9. Jain P, Vaidya A, Jain R, Shrivastava S, Khan T, Jain A. Ethyl Cellulose Coated Chitosan Microspheres of Metronidazole as Potential Anti-Amoebic Agent. *J. Bionanosci*. 2018 11(6): 599-607.
10. Vaidya A, Jain AK, Prashantha KBR, Sastry GN, Kashaw SK, Agrawal RK. CoMFA, CoMSIA, kNN MFA and Docking studies of 1,2,4-Oxadiazole derivatives as potent Caspase-3 activators. *Arab. J. Chem*. 2017 10(2):S3936-S3946. (I.F. 5.2)
11. Jain S, Vaidya A, Jain AK, Agrawal RK, Kashaw SK. Computational analysis of benzyl vinylogous derivatives as potent PDE3B inhibitors. *Arab. J. Chem*. 2017 10:S109-S113. (I.F. 5.2)
12. Vaidya A, Jain S, Jain AK, Prashantha KBR, Kashaw SK, Agrawal RK. Computational Analysis of Quinoline Derivatives as Potent Topoisomerase-II Inhibitors. *Med. Chem. Res*. 2015 24(1):383-393.(I.F. 2.0)
13. Vaidya A, Jain S, Jain S, Jain AK, Agrawal RK. Metronidazole loaded eudragit coated alginate beads for colon targeting. *Int. J. Pharm. Clin. Res*. 2014 2:81–86.
14. Jain S, Jain A, Vaidya A, Kumar D, Jain V. Preliminary Phytochemical, Pharmacognostical and Physico-chemical evaluation of Cedrus deodara heartwood. *J. Pharmacogn. Phytochem*. 2014 3(1):91-95.
15. Bhatiya R, Vaidya A, Kashaw SK, Jain AK, Agrawal RK. QSAR analysis of furanone derivatives as potential COX-2 inhibitors: kNN MFA approach. *J. Saudi Chem. Soc*. 2014 18(6):977–984. (I.F. 4.7)
16. Vaidya A, Jain S, Agrawal RK, Jain SK. Pectin-metronidazole prodrug bearing microspheres for colon targeting. *J. Saudi Chem. Soc*. 2012 19(3):257–264. (I.F. 4.7)
17. Agrawal RK, Jain AK, Veerasamy R, Vaidya A, Kashaw S, Mourya VK, Agrawal RK. QSAR analysis of B-ring-modified diaryl ether derivatives as a InhA inhibitors. *Med. Chem. Res*. 2012 21:145-151. (I.F. 2.0)

18. Jain S, Vaidya A, Khatri P. Pharmacognostic and Phytochemical Investigations of the Leaves of *Zizyphus xylopyrus* (retz) willd. *IJPPS*. 2011 3:122-125. (I.F. 1.1)
19. Vaidya A, Jain AK, Prashantha KBR, Kashaw SK, Agrawal RK. Predicting anti-cancer activity of quinoline derivatives: CoMFA and CoMSIA approach. *J Enzyme Inhib Med Chem*. 2011 26(6):854-861. (I.F. 5.1)
20. Jain AK, Ravichandran V, Vaidya A, Mourya V, Agrawal RK. QSAR analysis of some novel sulfonamides incorporating 1,3,5-triazine derivatives as carbonic anhydrase inhibitors. *Med. Chem. Res*. 2010 19:1191-1202. (I.F. 2.0)
21. Vaidya A, Jain A, Khare P, Agrawal RK, Jain SK. Metronidazole Loaded Pectin Microspheres for Colon Targeting. *J. Pharma. Sci*. 2009 98:4229-4236. (I.F. 3.5).

Mr. Pankaj Yadav

Assistant Professor

Total no. of Publications: 10

1. Yadav P, Taleuzzaman M, Kumar P. Simultaneous Estimation of Aspirin, Atorvastatin Calcium and Clopidogrel Bisulphate in a combined dosage form by RP-HPLC. *Asian J. Chem Sci*. 2019;6(4):1-10.
2. Chandra V, Yadav P, Verma NK, Khan WU. General Pharmacological Studies of Piper betel leaves on Mice. *IJHS*. 2022; 6(S1): 13087-13099.
3. Mohan R, Singh V, Yadav P, Kumar Y, Singh MN, Priyansha, Singh LP, Kumar J, Kumar L. Regulatory aspects of Ayurvedic medicine around the globe: An Updated review. *Eur. J. Mol. Clin. Med*. 2022; 09(07): 9093-9115.
4. Srivastava SK, Yadav P, Chandra V, Srivastava A, Singh A, Verma NK. Experimental and Spectral Analysis of Fluoxetine Analogues. *IJMPR*. 2023; 4(1): 87-105.
5. Srivastava SK, Yadav P, Chandra V, Srivastava A, Singh A, Verma NK. Antidepressant Activity of Fluoxetine Analogues. *IJMPR*. 2023; 4(1): 83-86.
6. Dakne G, Taleuzzaman M, Sarafroz M, Yadav P, Khatoon Y, Haque Z, Ahmad S. Aloe-emodin Quantification using HPTLC and RP-UHPLC in Extracts and Commercial Herbal Formulations: Evaluation of Antimicrobial and Antioxidant Effects. *Recent Advances in Anti-Infective Drug Discovery Formerly Recent Patents on Anti-Infective Drug Discovery*. 2023; 18(3): 239-253.

7. Mishra R, Yadav P, Chandra V, Verma NK, Yadav V. Cyperous rotundus LINN: A Medicinal Plant: A review. IJMPR. 2023; 4(2): 44-48.
8. Yadav YC, Yadav P, Kumar P, Jain NK, Dwivedi S. Bioactives and Pharmacology of Legumes. AAP USA: Apple Academic Press: 2023. Bioactive compounds and Pharmacological Activities of Acacia dealbata link and Acacia mearnsii De Wild. (Wattle); 373-379.
9. Yadav YC, Jain NK, Dwivedi S, Yadav P. Bioactives and Pharmacology of Legumes. AAP USA: Apple Academic Press: 2023. Acacia Modesta Wall. (Phulai): Bioactive Compounds and Pharmacological Activity; 287-294.
10. Jain NK, Yadav YC, Dwivedi S, Yadav P. Bioactives and Pharmacology of Legumes. AAP USA: Apple Academic Press: 2023. Acacia Ferruginea DC. (Safed Khair): Bioactive Compounds and Pharmacological Activity; 279-285.

Mr. Mudit Kumar

Asst. Professor

Total no. of Publications: 09

1. Jain S, Kumar M, Kumar P, Verma J, Rosenholm JM, Bansal KK, Vaidya A. Lipid–Polymer Hybrid Nanosystems: A Rational Fusion for Advanced Therapeutic Delivery. J Funct Biomaterials. 2023 14:437.
2. Kumar M, Kumar P, Sagar S, Chaudhary A. Iron oxide nanoparticles Approaching to eradicate her2-positive breast cancer: a review. International journal of Health sciences, 6(s2),2022.12680–12707. <https://doi.org/10.53730/ijhs.v6ns2.8308>
3. Kumar P, Chandra V, Kumar M, Bharti K, Verma N.K.. A survey on covid-19 vaccine complication in india.International journal of health sciences. 6(s4), 2022 11868–11875. <https://doi.org/10.53730/ijhs.v6ns4.11411>
4. Kumar M, Kumar P, Chandra V, Choudhary M. K, Verma N. K. A review on adverse drug reactions induced by anti-tubercular drugs. International journal of health sciences. 6(s4), (2022) 11876–11880. <https://doi.org/10.53730/ijhs.v6ns4.11418>
5. Thakur S, Singh Y, Goyal P , Kumar M. Current therapy and protective potential of medicinal mushroom cordyceps militaris against alzheimer’s disease. Journal of positive school psychology . 2022, vol. 6, no. 8, 2100-2108
6. Kumar M, Kumar P, Chandra V. Evaluation of wound healing activity of rosa indica linn. In experimental Rats indian research journal of pharmacy and science; 25(2020) 2141 doi: 10.21276/irjps.2020.7.2.5

7. Sutar N, Sutar R , Kumar M. Callistemon citrinus (bottle brush) an important medicinal Plant: a review of its traditional uses, phytoconstituents and Pharmacological properties indian research journal of pharmacy and science; 2014 1(1) 69-77.
8. Kumar P, Aafreen, Kumar S, Kumar M. Comparison between hypolipidemic effect of lagenaria siceraria and lovastatin in Hypercholesterolemic rats. Paripex - indian journal of research volume-8 | issue-2 | February-2019 | print ISSN - 2250-1991
9. Kumar M, Kumar P, Sharma U.S. Assesment of wound healing properties of medicinal plant: the case of rosa indica linn. Journal of pencee ISSN: 0031-4773 vol 51 issue 7 2021 113-120.

Dr. Prabodh Shukla

Assistant Professor

Total no. of Publications: 21

1. P Shukla, P Shukla, SB Mishra, B Gopalakrishna, “Screening of anti-inflammatory and antipyretic activity of Vitex leucoxydon Linn” Indian Journal of Pharmacology 42 (6), 409.2010
2. P Shukla, B Gopalkrishna, P Shukla, “Isolation of rutin from Phyllanthus amarus” Int. J. Pharm. Sci. Res 3 (4), 1198-1201.
3. S Mishra, A Mishra, P Shukla, P Shukla, “In-vitro anthelmintic activity of Enicostemma littorale Blume” International Journal of Pharmaceutical Sciences and Research 2 (5), 1193.
4. K Pragati, K Pankaj, G Jasmin, S Prabodh, P Rakesh “ Pharmacognostic and Preliminary Physiochemical Investigations of Thevetia peruviana (Pers.) K. Schum Flowers ” International Journal of Research in Pharmacy & Science 2 (1), 100-108.
5. P Shukla, P Shukla, B Gopalkrishna, “Isolation and characterization of polyphenolic compound quercetin from Phyllanthus emblica” International journal of pharmaceutical sciences and research 3 (5), 1520.
6. S Alok, J Sanjay, S Monika, M Alok, S Padmini, S Prabodh, “In-vitro evaluation of antioxidant activity of leaves of Hyptis suaveolens (L.) Poit”; IJPR 1 (2), 86-93.2010
7. P Shukla, P Shukla, B Gopalakrishna, “Investigation of in-vitro anthelmintic activity of Cissampelos pareira Linn against Pheretima posthuma” International Journal of Pharmaceutical Sciences and Research 3 (1), 265.
8. P Kumar, P Shukla, P Shukla, S Alok “ Antinociceptive and gastro protective effects of inhaled and orally administered Thevetia peruviana pers. K. Schum. Essential oil ” International Journal of Pharmaceutical Sciences and Research 6 (10), 4496. 2015

9. P Shukla, P Shukla, B Gopalakrishna "Isolation and Characterization of alpha-sitosterol from *Cissampelos pareira* Linn." *Current Research in Pharmaceutical Sciences*, 1, 31-33. 2012
10. B Gopalakrishna, P Shukla, P Shukla, S Alok "Screening of anti-inflammatory potential of *Cissampelos pareira* Linn leaves extract in albino rats" *International Journal of Pharmaceutical Sciences and Research (IJPSR)* 1 (4), 81-84. 2010
11. B Gopalakrishna, P Shukla, P Shukla "Preliminary Phytochemical Screening and Evaluation of Anti-Inflammatory Potential of *Vitex leucoxydon* Linn." *Ethnobotanical Leaflets* 2009 (7), 12. 2009.
12. P Kumar, AK Sharma, P Shukla "Physicochemical screening of marker anthraquinones and derivatives from the *Pentas lanceolata* (Forss) Defflers leaves" *European Journal of Pharmaceutical and medical research* 4 (5), 439-446.
13. P Shukla, Mohit Kansal, Prabodh Shukla "A boon to human health- *Bauhinia variegata*" *International Journal of Pharmacognosy* 7 (7), 100-07. 2020
14. P Shukla, Pragat Kumar, Ashish Kumar Sharma "Evaluation of Acute toxicity and in-vitro anthelmintic activity of anthraquinone derivatives from *Pentas lanceolata* (Forssk) deflers leaf" *WJLPS* 6 (7), 142-48. 2020
15. Prabodh Shukla, Surabhi Shakya, Padmini Shukla "A Review on Herbal immunity booster for human health in covid 19" *Journal of biomedical and pharmaceutical research*, 9 (5), 27-34. 2020
16. P Kumar, P Shukla, Prabodh Shukla "Evaluation of antinociceptive and gastro protective effects of orally and inhaled administered *Thevetia peruviana* Pers. K. Schum essential oil" *International Journal of Pharmaceutical Sciences and Research* 6 (10), 4496-02.
17. Pragat Kumar, Prabodh Shukla "Screening of analgesic and gastro protective effects of *Thevetia peruviana* essential oil" *Medicinal Plant Research*, 3(3):113-119. 2015
18. Deepti Singh, Padmini Shukla, Prabodh Shukla "Techniques Aided Transdermal Drug Delivery System" *Current Research in Pharmaceutical Sciences*, 2 (2), 56-60. 2012
19. Prabodh Shukla, Padmini Shukla, B Gopalakrishna "A life threatening lung disease of Bundelkhand region-Silicosis" *Current Research in Pharmaceutical Sciences*, 1 (2), 55-58. 2011
20. S Padmini, S Prabodh, S Alok, M Alok, MDS Akhtar "Comparative In vitro evaluation of *Vitex leucoxydon* Linn bark for antioxidant activity" *IJPSR*, 1 (1), 27-33. 2010

21. RK Singh, PS Patel, D Awasthi, B Bihari, P Shukla “Estimation of ofloxacin in bulk and tablet dosage form by nanodrop spectrophotometric method” International Journal of Pharmaceutical Sciences and Research 1 (7), 73-79.

Dr. Padmini Shukla

Assistant Professor

Total no. of Publications: 19

1. M Padmini, A Sohail, Ali Mohammad, PK Sharma “Evaluation of anti-inflammatory potential of Tridax Procumbense extract in rats” The Indian Pharmacist, 7 (77), 111-113.
2. Mishra Padmini “Bird Flu: Symptoms and Control Measures” The Indian Journal of Hospital Pharmacy, 94-97.
3. P Shukla, P Shukla, SB Mishra, B Gopalakrishna, “Screening of anti-inflammatory and antipyretic activity of Vitex leucoxydon Linn” Indian Journal of Pharmacology 42 (6), 409. 2010
4. P Shukla, B Gopalkrishna, P Shukla, “Isolation of rutin from Phyllanthus amarus” Int. J. Pharm. Sci. Res 3 (4), 1198-1201.
5. S Mishra, A Mishra, P Shukla, P Shukla, “In-vitro anthelmintic activity of Enicostemma littorale Blume” International Journal of Pharmaceutical Sciences and Research 2 (5), 1193.
6. P Shukla, R Kumar, R Mathur, R Singh, S Sagar “A concise study on microscopically, Phytochemical and Pharmacognostical profile of Bauhinia variegata Linn (root)” World Journal of Pharmaceutical Research 11 (12), 1861-1884.
7. P Shukla, P Shukla, B Gopalkrishna, “Isolation and characterization of polyphenolic compound quercetin from Phyllanthus emblica” International journal of pharmaceutical sciences and research 3 (5), 1520.
8. S Alok, J Sanjay, S Monika, M Alok, S Padmini, S Prabodh, “In-vitro evaluation of antioxidant activity of leaves of Hyptis suaveolens (L.) Poit”; IJPR 1 (2), 86-93. 2010
9. P Shukla, P Shukla, B Gopalakrishna, “Investigation of in-vitro anthelmintic activity of Cissampelos pareira Linn against Pheretima posthuma” International Journal of Pharmaceutical Sciences and Research 3 (1), 265.
10. P Kumar, P Shukla, P Shukla, S Alok “ Antinociceptive and gastro protective effects of inhaled and orally administered Thevetia peruviana pers. K. Schum. Essential oil ” International Journal of Pharmaceutical Sciences and Research 6 (10), 4496. 2015

11. P Shukla, P Shukla, B Gopalakrishna "Isolation and Characterization of alpha-sitosterol from *Cissampelos pareira* Linn." *Current Research in Pharmaceutical Sciences*, 1, 31-33. 2012
12. B Gopalakrishna, P Shukla, P Shukla, S Alok "Screening of anti-inflammatory potential of *Cissampelos pareira* Linn leaves extract in albino rats" *International Journal of Pharmaceutical Sciences and Research (IJPSR)* 1 (4), 81-84. 2010
13. B Gopalakrishna, P Shukla, P Shukla "Preliminary Phytochemical Screening and Evaluation of Anti-Inflammatory Potential of *Vitex leucoxylo* Linn." *Ethnobotanical Leaflets* 2009 (7), 12.
14. Padmini Shukla, Mohit Kansal, Prabodh Shukla "A boon to human health- *Bauhinia variegata*" *International Journal of Pharmacognosy* 7 (7), 100-07. 2020
15. Prabodh Shukla, Surabhi Shakya, Padmini Shukla "A Review on Herbal immunity booster for human health in covid 19" *Journal of biomedical and pharmaceutical research*, 9 (5), 27-34. 2020
16. P Kumar, P Shukla, Prabodh Shukla "Evaluation of antinociceptive and gastro protective effects of orally and inhaled administered *Thevetia peruviana* Pers. K. Schum essential oil" *International Journal of Pharmaceutical Sciences and Research* 6 (10), 4496-02. 2015
17. Deepti Singh, Padmini Shukla, Prabodh Shukla "Techniques Aided Transdermal Drug Delivery System" *Current Research in Pharmaceutical Sciences*, 2 (2), 56-60. 2012
18. Prabodh Shukla, Padmini Shukla, B Gopalakrishna "A life threatening lung disease of Bundelkhand region-Silicosis" *Current Research in Pharmaceutical Sciences*, 1 (2), 55-58. 2011
19. S Padmini, S Prabodh, S Alok, M Alok, MDS Akhtar "Comparative In vitro evaluation of *Vitex leucoxylo* Linn bark for antioxidant activity" *IJPSR*, 1 (1), 27-33.

Mr. Vikash Chandra

Assistant Professor

Total no. of Publications: 13

1. Jain S, Chandra V, Jain P.K, Pathak K, Pathak D, Vaidya A. Comprehensive review on current developments of quinoline-based anticancer agents. *Arabian Journal of Chemistry* Volume 12, Issue 8, December 2019, Pages 4920-4946.
2. Kumar P, Chandra V, Kumar M, Bharti K, Verma N. K. A survey on COVID-19 vaccine complication in India. *International Journal of Health Sciences*, 6(S4), 2022. 11868–11875. <https://doi.org/10.53730/ijhs.v6nS4.11411>.
3. Chandra V, Yadav P, Verma NK, Khan WU. *General Pharmacological Studies of Piper*

betel leaves on Mice. International Journal of Health Sciences 6(S1), 2022. 13087-13099.

4. Srivastava SK, Yadav P, Chandra V, Srivastava A, Singh A, Verma NK. Experimental and Spectral Analysis of Fluoxetine Analogues. IJMPR. 2023; 4(1): 87-105.

5. Srivastava SK, Yadav P, Chandra V, Srivastava A, Singh A, Verma NK. Antidepressant Activity of Fluoxetine Analogues. IJMPR. 2023; 4(1): 83-86.

6. Mishra R, Yadav P, Chandra V, Verma NK, Yadav V. Cyperous rotundus LINN: A Medicinal Plant: A review. IJMPR. 2023. 4(2), 44-48.

7. Kishun J, Srivastava A, Chandra V, Srivastava V, Singh R, Verma N.K. In-vitro evaluation of an anti-fungal nail lacquer containing miconazole nitrate. Neuroquantology, volume 20, issue 11, 2022. 2699-2715.

8. Chandra V, Mishra R, Singh R, Verma N.K. A Review On Application And Benefits Of Flax Seed (*Linum Usitatissimum* L.). International journal of Medical and Pharmaceutical Research. Volume 3, Issue 2, Jul-Dec 2022. Page No. 15-22.

9. Chandra V, Mishra R, Verma N.K. A Review on onion (*Allium Cepa* L). IASR Journal of Medical and Pharmaceutical Science. 2022. 2582-9343. Website: <https://iasrpublication.com/ijmps>.

10. Verma N.K, Chaudhari S.k, Prasad H, Srivastava S.P, Chandra V. Composition, Characterization and Application of Fast Dissolving Oral Film-A Review. Asian Journal of Pharmaceutical Technology & Innovation, 01 (02), 2013. 01-10.

11. Kumar M, Kumar P, Chandra V, Choudhary M K, Verma N K. A Review on adverse drug reactions induced by anti-tubercular drugs. International Journal of Health Sciences, 6 (S4), 2022. 11876–11880. <https://doi.org/10.53730/ijhs.v6nS4.11418>.

12. Kumar M, Kumar P, Chandra V. Evaluation of wound healing activity of *Rosa Indica* Linn. in experimental rats. Indian Research Journal of Pharmacy and Science. 25, 2020, 2141-2145, <https://www.irjps.in> DOI:10.21276/irjps.2020.7.2.5.

13. Chandra V, Kumar S, Verma N K. chemical ingredients and pharmacological properties of carica papaya: a review. Asian Journal of Phytomedicine and Clinical Research. 7(3), 2019. 129-140.

Dr. Sushant Kumar

Assistant Professor

Total no. of Publications: 37

Publications

1. Pandey S, Kumar S. Preparation and Evaluation of Chlorpheniramine Maleate Microcapsules by Ionic-gelation Method. International Journal for Pharmaceutical Research Scholars (IJPRS),2014;3(1):491-495.
2. Kumar S, Kumar S. Multifunctional Gene Therapy As An Novel Approach For Drug Targeting. Current Research in Drug Targeting, 2011;1 (1) :1-5.
3. Kumar S, and Madhav N.V.S, 'Masking Of Bitter Taste Of Clarithromycin By Microencapsulation Using Hydrophilic Polymers Blends And Their Evaluation. Journal of Global Pharma Technology, 2010; 2(6): 13-20.
4. Pandey S, Kumar S. Evaluation of the effect of hydrophilic polymer blend to extend the release of clarithromycin from prepared microcapsules. J Pharm Sci Res,2010;2:759-66.
5. Kumar S, and Madhav N.V.S M, Pandey S, Prajapati S, An Overview on Taste Physiology and Masking of Bitter Drugs. International Journal of Pharma and Bio-Sciences,2010;1(3):1-8.
6. Pandey, M., Pandey, A., & Kumar, S. An Overview On Migraineous Headache And Its Preventive Measures. International journal of pharma and bio sciences. 201;1(4): 367-378.
7. Dwivedi P, Pandey S, Kumar S. An Overview On Current Advances In Biotechnology. Indian Journal of Drugs, 2014; 2(3): 114-118.
8. Kumar, S., & Madhav, N.V. Ear as an alternative way for brain drug targeting: An Overview. IOSR Journal of Pharmacy and Biological Sciences; 2014: 9:(5) 78-97.
9. Satheesh Madhav, N.V., Kumar, S. A review on Biopolymers as a novel Bio-Excipients in Drug Delivery System. European Journal of Pharmaceutical and Medical, Research. 2017; 4 (6):247-250.
10. Jain S, Pattnaik S, Pathak K, Kumar S, Pathak D, Jain S and Vaidya A, "Anticancer Potential of Thiazole Derivatives: A Retrospective Review", Mini-Reviews in Medicinal Chemistry.2018;18: 640.
11. Kumar, S., Madhav N. V. S, Verma A, and Pathak K. "Development and Evaluation of Novel Bionanoparticles Loaded With Nanosized Lamotrigine by Using the Novel

Isolated Biopolymer from Phaseolus Vulgaris Seeds". International Journal of Pharmaceutical Sciences and Drug Research,2020;12, (3):247-54.

12. Kumar, S., N V, S. M., Verma, A., & Pathak, K. An Innovative Approach for Development and Evaluation of Nanosized Lamotrigine Loaded Bionanoparticles Using Biopolymer from Fragaria × ananassa Fruit. International Journal of Pharmaceutical Sciences and Nanotechnology. 2020;13(4):4990-4999.

13. Kumar, S., N V, S. M., Verma, A., & Pathak, K. Biopolymer from Cicer arietinum, a Novel Bioexcipient: Its Isolation, Characterization and Utilization in Delivery of Nanosized Lamotrigine, Latin American Journal Of Pharmacy,2020;:39(7):1340-1349.

14. Kumar S, Madhav NVS, Verma A, Pathak K. A Smart Approach for Delivery of Nanosized Phenytoin using Biomaterial Isolated from Fragaria ananassa. Int. J. Pharm. Investigation, 2020;10(3):305-11.

15. Kumar, S., N V, S. M., Verma, A., & Pathak, K. Biopolymer form cestrum nocturnum flower: isolation, characterization and its utilization in preparation of phenytoin loaded bio-nanosuspension, EJPMR, 2020,7(6), 903-912.

16. Talreja S, Pandey S, Kumar S. A review on Monoclonal antibody and its application in biotechnology, J. Pharm. Sci. & Res.2020; 12(1):49-53.

17. Kumar S, Madhav NVS. Exploration of Inbuilt Novel Properties as Bioretardant Cum Stabilizer of Isolated Biopolymer from Fragaria ananassa in Delivery of Nanosized Phenytoin. Iran J Pharm Res. 2021;20(3):78-93.

18. yadav YC, Yadav R, Kumar S. Clinical Management Updates for Novel Corona Virus (COVID-19). 2021;14(3):5449-56.

19. Kumar, S., N. V. Satheesh Madhav, A. Verma, K. Pathak and Pandey S. A Novelistic Biomaterial from Natural Source: its Isolation and PhysicoChemical Characterization. Sumerianz Journal of Medical and Healthcare, 2021; 4(1):35-42.

20. Kumar S, Madhav NVS, Pandey S. Nanosized Model Drug Loaded Bio-Nano Suspension: It's Development, Characterization and Evaluation. J Drug Metab Toxicol.2021; 12(3):1-9.

21. Kumar, S., N. V. Satheesh Madhav, A. Verma, K. Pathak .Bionanosuspension-A Novel Carrier: It's Development using Novel Isolated Biopolymer and Evaluation of In-vitro release of the Model Drug. International Journal of Pharmaceutical Research and Innovation, 2020; 13:118-130.

22. Kumar, S., N. V. Satheesh Madhav, A. Verma, K. Pathak and Pandey S. Nanosizing of Model Drug: Characterization and Evaluation of Nanosized Model Drug Diffusion through Biomembrane. *Acta Scientific Pharmaceutical Sciences*,2021;5(7):34-40.
23. Kumar, S., N. V. Satheesh Madhav, A. Verma, K. Pathak and Pandey S. An Overview on Biopolymer: A Novelistic Bio-Excipient in Nanoparticulate Drug Delivery. *Sumerianz Journal of Medical and Healthcare*, 2021;4(2):90-95.
24. Pandey Swarnima, Kumar Sushant. Nanoparticulate Drug Delivery Systems: An update. *Research Journal of Pharmaceutical Dosage Forms and Technology*. 2021; 13(4):312-6.
25. Kumar S, Pandey S, Singh A. "Isolation and Characterization and Cell-line Toxicity Study of Novel Biopolymer from Naturally Occurring Seeds". *Acta Scientific Pharmaceutical Sciences*.2022; 6(9): 17-22.
26. Kumar S, Pandey S. "An Update on Biomaterials as a Pharmaceutical Excipient in Drug Delivery Systems and its Pharmaceutical Applications". *Acta Scientific Pharmaceutical Sciences*.2022; 6(10): 02-08.
27. Pandey S, KumarS. "An Overview on Osteoporosis and Herbal Plants Used for Treatment". *Acta Scientific Pharmaceutical Sciences*.2022; 6(3): 29-35.
28. Kumar S, Singh A. "Biomaterial from Strawberry Fruit Pulp: It's Spectrophotometric and Cell-Line Toxicity Study". *Acta Scientific Pharmaceutical Sciences*.2023; 7(6): 27-35.

Book Chapters

1. Kumar S, Pandey S, Satheesh Madhav N. Biopolymer: A Novel Bioexcipient. *Biocomposites*. IntechOpen; 2022. Available from:<http://dx.doi.org/10.5772/intechopen.97191>
2. Kumar S, Pandey S , Nutraceuticals. *Advances in Plant Science Volume I*; I edition, Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2021.p69-78. <https://www.bhumipublishing.com/books>
3. Kumar S, Pandey S , *Comprehensive Overview On Dietary Supplements*. *Advances in Plant Science Volume II*; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022.p39-51. <https://www.bhumipublishing.com/books>
4. Kumar S, Pandey S , *An Updated Overview On Topical Drug Delivery Systems*. *Research and Development in Pharmaceutical Science (Volume I)*; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022.p71-78. <https://www.bhumipublishing.com/books>

5. Kumar S, Pandey S , Drug And Pro-Drug Design. Research and Development in Pharmaceutical Science (Volume I); Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022.p121-125. <https://www.bhumipublishing.com/books>
6. Kumar S, Pandey S,Ojha A, Pathak S, Preparation And Characterization Of Nutraceutical Powder In Health Care. Research and Development in Pharmaceutical Science Volume IV; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022. p77-83. <https://www.bhumipublishing.com/books>
7. Kumar S, Pandey S , Dietary Supplement: The Keys Of Good Health. Research and Development in Pharmaceutical Science Volume IV; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022. p96-108. <https://www.bhumipublishing.com/books>
8. Kumar S, Pandey S , Nutraceuticals: A Good Substitute For Pharmaceuticals. Research and Development in Pharmaceutical Science Volume IV; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022. p109-115. <https://www.bhumipublishing.com/books>
9. Kumar S, Pandey S, Ojha A, Pandey T. Preparation And Evaluation Of Aristha As A Nutritional Supplement In Health Care. Research and Development in Pharmaceutical Science Volume IV; Nigave Khalasa, Kolhapur 416207, Maharashtra, India, Bhumi Publishing,2022. p84-95. <https://www.bhumipublishing.com/books>

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Total no. of Publications: 05

- 1.Porwal, A., Dwivedi, H., and Pathak, K. Predicting Pharmacokinetic Parameters by Convolution: An in vitro Approach for Investigating Bifunctional Capsulated Dosage Form. Journal of Drug Delivery Science and Technology. 2020; Vol. 60 (102078):1-13. I.F. : 5.062
2. Porwal, A., Dwivedi, H., and Pathak, K. Gastroretentive Bilayer film for sustained release of atorvastatin calcium and immediate release of amlodipine besylate: pharmaceutical, pharmacokinetic evaluation, and IVIVC. Pharmaceutical Development and Technology. 2020; 25(4): 416-431. I.F. : 3.915
3. Porwal, A., Swami, G., and Saraf, S.A. Preparation and evaluation of sustained release microballoons of Propranolol. DARU Journal of Pharmaceutical Sciences. 2011;19(3)193-201. I.F. :4.088
4. Swami, G., Nagpal, N., Rahar, S., Singh, P., Porwal, A., Nagpal, M.A., and Kapoor, R., 2010. Effect of aqueous leaves extract of carissa carandas linn. on blood glucose levels of normoglycemic & alloxan-induced diabetic wister rats. International journal of current Pharmaceutical research. 2010;2(3)65-67.

5. Swami, G., Nagpal, N., Rahar, S., Singh, P., Porwal, A., Nagpal, M.A., and Kapoor, R. Effect of aqueous leaves extract of cordial dichotoma on blood glucose levels of normoglycemic & alloxan-induced diabetic wister rats. International journal of Pharma Research & Development. 2010;2(7)1-7.

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Total no. of Publications: 03

1. R Amar Jeet, Pandey S, Singh U K, Kumar S, Keshari P K. HPLC methods for the determination of omeprazole. Express Pharma.2009 March;52-54.
2. Sanjay Kumar, Basavaraj H, Ram Kumar Choudhary et al. Pharmacological evaluation of Phyllanthus Niruri leaves for antiulcer activity. Eur. Chem. Bull.2023;12(2);7645-7658.
3. Sanjay Kumar, Ganesh Balappa Gajeli, Rekha Jangra et al. Exploring the Potent Antidiarrheal Properties of Capparis Zeylanica Leaf Extracts. Eur. Chem. Bull.2023;12(8);9042-9055.

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Total no. of Publications: 05

1. Review. Study the effect of liquid solid compact technology on drug's pharmacokinetic & Pharmacodynamics behavior International Journal of Pharmacy & biological Sciences (IJPBS) 1 st Jan 2021 10.21276/ijpbs.2021.11.1.8. Volume 11, Issue 1. 61-67
2. Research. Development of analytical method & its validation for Sildenafil citrate by UV Spectrophotometry International Research Journal of Pharmacy. 31 st Dec 2020 10.7897/2230-8407.1112106 Volume11, Issue 12, Dec 2020 41-45
3. Research. Development & invitro evaluation of Temperature sensitive & pH sensitive in situ Ocular gel of Diclofenac sodium International Journal of Medicine & Pharmaceutical Sciences(IJMPS) 30 th Dec 2020 IJMPSDEC20203 Volume 6, Issue 6, Dec 2020. 21-40
4. Research. Simultaneous estimation & development of analytical method validation of Allopurinol & Acceclofenac in bulk & dosage form International Journal of Medicine & Pharmaceutical Sciences(IJMPS) 20 th July 2020 IJMPSAUG20202 Volume10, Issue 4, June 2020 19-30

5. Review. Transferosomes: A novel vesicular carrier for effective transdermal drug delivery
World Journal of Pharmaceutical Research 6 th Aug 2020 10.20959/wjpr20209-18397 Volume
9, Issue 9, 512-531.