

## Research Papers (2014- 2018)

1. Pandit A., Sengupta S., Krishnan M.A., Reddy R.B., **Sharma R**, Venkatesh C. (2018) First report on 3D QSAR and molecular dynamics based docking studies of GCPII inhibitors for targeted drug delivery application. *Journal of Molecular Structure*, 1159, 179-192. (ISSN No. : 0022-2860, Impact Factor: **1.753**).
2. Sharma M.C., Jain S., **Sharma R**. (2018) Trifluorophenyl based inhibitor of dipeptidyl peptidase-IV as antidiabetic agents: 3D QSAR CoMFA, CoMSIA methodologies. *Network Modeling Analysis in Health Informatics and Bioinformatics*, 7(1). (E-ISSN No. SSN: 2192-6670) DOI: 10.1007/s13721-017-0163-8
3. Sharma M., **Sharma R.**, Jain D.K. (2018) Preparation, characterization of nebigolol loaded chitosan nanoparticles. *Journal of Drug Delivery and Therapeutics*, 8(2), 118-122. (ISSN No. 2250-1177)
4. Dixit R., Soni L.K., **Sharma R**. (2018) CoMFA and CoMSIA studies on 6,8-dibromo-4(3H)-quinazolinone derivatives for anti-bacterial activity against *Salmonella typhimurium*. *Journal of Drug Delivery and Therapeutics*, 8(2), 93-96. (ISSN No. 2250-1177).
5. Sharma M., **Sharma R.**, Jain D.K. (2018) Application of Taguchi orthogonal array design for optimization of chitosan nanoparticles of hydrophobic cardiovascular drugs, *Journal of Drug Delivery and Therapeutics*, 8(2), 62-64. (ISSN No. 2250-1177).
6. Sharma M., Jain S., **Sharma R**. (2018) In silico screening for identification of pyrrolidine derivatives dipeptidyl peptidase-IV inhibitors using CoMFA, CoMSIA, HQSAR and docking studies, *In Silico Pharmacol* 5 (13) (E-ISSN No. 2193-9616) DOI: 10.1007/s40203-017-0032-2.I
7. Patil S., **Sharma R**. (2017). Insight into aminomethyl-piperidones based DPP-IV inhibitors for treatment of diabetes: An application of rational drug design. **Indian Drugs**, 54(04), 5-21. (ISSN No. 0019-462X) N scopus
8. Patil P., **Sharma R**, Banerjee T., Patil S. (2017). The C-1(2)-dehydrogenation of 6-methylene androstenedione to exmestane, an aromatase inhibitor used for the treatment of breast cancer. **International Journal of Applied Biology and Pharmaceutical Technology**, 8(1), 107-111. (ISSN: 0976-4550) N not in scopus
9. Patil P., **Sharma R**, Banerjee T., Patil S. (2017). Substrate carriers for C-1(2)-dehydrogenation of 6-methylene androstenedione to exmestane by growing and immobilized *Arthrobacter simplex* NCIM 2449. **Asian Journal of Pharmaceutical**

**and Clinical Research**, 10(2), 392-396. (E-ISSN : 2455-3891, P-ISSN : 0974-2441)

N scopus

10. Patil S., **Sharma R.** (2017). QSAR, docking and molecular fragment replacement study based on a conformation-independent approach on trifluorophenyl  $\beta$ -aminoamide derivatives as DPP-IV inhibitor. **Current Enzyme Inhibition**, (**Accepted**) (E-ISSN : 1875-6662, P-ISSN: 1573-4080, L-ISSN:1573-4080) I scopus
11. Sharma M., **Sharma R.** Jain D.K. (2017). Preparation, characterization and optimization of carvedilol loaded chitosan nanoparticles by applying Taguchi orthogonal array design. **Asian Journal of Pharmaceutics**, 11 (1), 1-9. (E-ISSN : **1998-409X**, P-ISSN: **0973-8398**) N scopus
12. **Sainy J.**, Sharma R. (2017). Synthesis, anti-malarial evaluation and molecular docking studies of some thiolactone derivatives. **Journal of Molecular Structure**, 1134, 350-359. (ISSN:0022-2860) (IF:1.753) I scopus
13. Dhingra N, Kar A., **Sharma R.**, Bhasin S.(2017). In vitro anti-oxidative potential of different fractions from *Prunus dulcis* seeds: vis a vis anti-proliferative and anti-bacterial activities of active compounds. **South African Journal of Botany**, 108, 184-192. (P-ISSN: 0254-6299 ,L-ISSN: 0254-6299) ) (IF:1.427) I scopus
14. **Narsinghani, T.**, Sharma, R. (2017) Synthesis, Anti-inflammatory activities and Docking Studies of Amide derivatives of Meclofenamic Acid, Chemical Papers 71 (4) 857-868 (ISSN No. 0366-6352, Impact factor 2015: 1.258). I scopus
15. Jain, S., **Choudhary, G.P.**, Jain, D.K. (2017) Isolation and characterization of two new flavonoids derived from leaves of *Jatropha gossypifolia* linn, Research Journal of Pharm. And Tech, 10(2), 331-335. N scopus
16. **Sharma, M.**, Sharma, R., Jain, D.K.(2016) Nanotechnology Based Approaches for Enhancing Oral Bioavailability of Poorly Water Soluble Antihypertensive Drugs, Scientifica, vol. 2016, Article ID 8525679, 11 pages, doi:10.1155/2016/8525679. I
17. **Sharma R.**, Dhingra N, Patil S. (2016) CoMFA, CoMSIA, HQSAR and Molecular Docking Analysis of Ionone Based Chalcones Derivatives as Antiprostata Cancer Activity. Indian Journal of Pharmaceutical Sciences. 78(1),54-64 (ISSN No. 250-474X, Impact factor: 0.762). N
18. Patil S., **Sharma R.**, Abhishek J. (2015) Comparative Study to Predict Dipeptidyl Peptidase IV Inhibitory Activity of  $\beta$ -Amino Amide Scaffold, Indian Journal of Pharmaceutical Sciences 77(2), 142–150. (ISSN No. 250-474X, Impact factor: **0.296**).

19. Mishra G.P., **Sharma R.** (2015) Identification of potential PPAR- $\gamma$  agonists as hypoglycemic agents: molecular docking approach *Interdisciplinary Sciences: Computational Life Sciences* 7, 1-9 [ISSN No. 1913-2751 (Print) 1867-1462 (Online) Impact Factor 0.853]. I
20. Patil S., **Sharma R.** (2015) three dimensional quantitative structure activity relationship analysis of cyanopyrrolidine as Dipeptidyl Peptidase IV Inhibitor, *Stamford Journal of Pharmaceutical Sciences* 8 (3) 254-263 [ISSN No. 1999-7108 (Print)].I
21. Sainy, J., **Sharma, R.** (2015). QSAR analysis of thiolactone derivatives using HQSAR, CoMFA and CoMSIA. SAR and QSAR in Environmental Research, 26,873-892.[ ISSN: 1062-936X (Print) 1029-046X (Online)Impact factor 1.596].I
22. **Sharma R.**, Tiwari, A. and Parate, A. (2015) Synthesis of new chloroquine derivatives as antimalarial agents, *Pharmaceutical Chemistry Journal* 49, 537-542 [ISSN No. 0091-150X(Print) 1573-9031 (Online), Impact factor: 0.461].I
23. Patil S., **Sharma R.**, Abhishek J.(2015) Comparative Study to Predict Dipeptidyl Peptidase IV Inhibitory Activity of  $\beta$ -Amino Amide Scaffold, *Indian Journal of Pharmaceutical Sciences* 77(2), 142–150. (ISSN No. 250-474X, Impact factor: 0.762).
24. Vengurlekar S, **Sharma R**, Trivedi P. (2014) Synthesis, Antifungal Activity and Molecular Docking Studies on N-(Substitutedbenzylideneamine)-3-cycloalkylidene-thiosemicarbazide Derivatives, *International Journal of Drug Delivery*, 6, 99-112. (ISSN No.: 0975-0215).
25. Patil S, **Sharma R.** (2014) 3D QSAR Study and Designing of Novel Prolinenitriles Derivatives as Dipeptidyl Peptidase IV Inhibitor, *Current Trends in Biotechnology and Pharmacy*, 8 (3) 254-263 [ISSN No. 0973-8916 (Print), 2230-7303 (Online)].
26. Sachin, Jain, **Choudhary, G.P.**, Jain, D.K. (2016) Anti-ovulatory Activity of *Jatropha gossypifolia* Linn. Leaf in albino rats, *Inventi Rapid: Plant activa*, 3,1-3,(ISSN No. 2278-411X). N
27. Sachin, Jain, **Choudhary, G.P.**, Jain, D.K., (2016) Phytochemical and pharmacological profiles of *Jatropha gossypifolia* (Euphorbiaceae): A review, *Columbia Journal of Pharmaceutical Sciences*, 3(1), (ISSN No. 2349-9907). N
28. Sachin, Jain, **Choudhary, G.P.** (2016) A review on phytochemical and pharmacological profiles of *pueraria tuberosa* linn. *Asian Journal of ethnopharmacology and medicinal foods*, 02(04),1-4.N

29. Srivastava, S., Choudhary, G.P. (2016). In-vivo and in-vitro mast cell stabilizing activity of ethyl acetate and methanol extract of Terminalia chebula fruit, Int. J. Pharmacognosy 3(6), 246-250. (ISSN No. 2394-5583). N scopus
30. Bais, N., birthare, A., Choudhary, G.P., Darwhekar, G.N.(2016) Prophylaxis and prevention of heart attack by pulmonary delivery of aspirin by dry powder inhaler, Int. Jour. of Pharm. Life Sci.,7(5), (ISSN No.5047-5050). Not in UGC
31. Srivastava,S., Choudhary, G.P. Nema, R.K.(2016). Formulation and characterization of mast cell stabilizing and antitussive preparation of ethyl acetate extracts of Adhatoda vasica, Piper longum and Terminalia chebula. Int. Jour. of Pharm. Eng & Life sciences, 1(2),85-93. Not in UGC
32. Choudhary, G.P., Jain, A.P. (2016). A review on Mitragyna parvifolia (Roxb.) Korth.-An Indian medicinal plant, Int. J. Pharmacy and Pharmaceutical Research 7(1), 175-184. (ISSN No. 2349-7203). N not in scopus
33. Jain, S., **Choudhary G.P.** (2016) A review on phytochemical and pharmacological profiles of pueraria tuberosa linn. Asian Journal of ethnopharmacology and medicinal foods, 02(04),1-4. Not in UGC
34. Jain, S., **Choudhary, G.P.**, Jain D.K. (2016) Phytochemical and pharmacological profiles of Jatropha gossypifolia (Euphorbiaceae): A review, Columbia Journal of Pharmaceutical Sciences, 3(1), 1-5 January-June,2016. Not in UGC
35. **Choudhary, G.P.** (2015) Immunomodulatory activity of alcoholic extract of Tinospora cordifolia. International Journal of Pharm. Chemical Sciences 4(3), 357-359 (ISSN No. 2277-5005). N
36. Sachin Jain, **Choudhary, G.P.**, Jain, D.K. (2015) Antioxidant and hepatoprotective potential of ethanolic extract of Jatropha gossypifolia. International Journal of Plant Sciences and Ecology, 1, 5,190-195. N
37. **Choudhary, G.P.** (2015) Free radical scavenging properties of the ethanol extract of cynodon dactylon. Asian Journal of Plant Science and Research,5,6, 88-90 (ISSN No. 2249-7412). N
38. Soni, P., **Choudhary, G.P.**, Soni, L.K. (2015) Enzyme Specific Drug Delivery System: A Potential Approach for Colon Targeting. Current Research in Pharmaceutical Sciences, 05(02), 1-23 (ISSN No. 2250-2688). N
39. **Choudhary, G.P.** (2015) Phytochemical and Pharmacological Study of Saussurea Lappa Clarke: A Review. European Journal of Pharmaceutical and Medical Research, 2,7,120-125, (ISSN No.3294-3211,Impact factor-SJIF-2.026).N

40. Jain, S., **Choudhary, G.P.**, Jain, D.K. (2015) Medicinal plants with potential Antifertility activity: A review. *International Journal of Green Pharmacy*, 9, 4, 223-228 (ISSN No. 0973-8258).N
41. Soni, P., **Choudhary, G.P.**, Soni, L.K. (2015) Polysaccharides for Bacterially Triggered System in Colon Targeting. *Current Research in Pharmaceutical Sciences*, 5, 3,65-94 (ISSN No. 2250-2688).N
42. Sweta, S., **Choudhary, G.P.**, (2014) Phytochemistry and pharmacological activity of *Tacoma undulata*: An overview, *MJPMS*, 3(3), 27-30. (ISSN No. 2320-3315).
43. Sweta, S., Choudhary, G.P., (2014) Pharmacological activity of *Tamarix troupitii*: A short Review, *Scholars Academic Journal of Pharmacy*, 3(5): 363-365. (ISSN No. 2320-4206)
44. Sweta, S., Choudhary, G.P., (2014) Evaluation of Antitussive and Mast cell stabilizing Activity of *Piper longum* fruits extracts. A therapeutic approach for treatment of Asthma. *American Journal of Pharmacy and Health Research*, 2(8) 155-166. (ISSN No. 2321-3647)
45. Jain, S., Jain, D.K., Choudhary G.P. (2014) In-vivo estrogenic activity of *Jatropha gossypifolia* linn leaves in immature female rats. *IJAPS* 5,61-66( ISSN 1823-6243).
46. Jain, S., Jain, D.K., **Choudhary G.P.** (2014) Estimation of total flavonoidal content of solvent extraction of *Jatropha gossypifolia* linn. (Euphorbiaceae) leaves. *Inventi Rapid: Ethnopharmacology*, 3, 1-3. (ISSN No. 0976-3805)
47. Narsinghani T.,**Soni L.K.** and Chourey S. (2017) "Synthesis and antimicrobial activity of 1,4-dihydropyridine derivative", *Journal of Drug Delivery and Therapeutics*, 2017, 7(7), 142-145. ISSN: 2250-1157.
48. Jain, H., Dhingra, N., **Narsinghani, T.**, Sharma, R. (2016) Insights into the mechanism of natural terpenoids as NF- $\kappa$ B inhibitors: an overview on their anticancer potential. *Experimental Oncology*, 38 (3), 1-11. (ISSN No. 1812-9269, 0204-3564). I scopus
49. **Narsinghani, T.**, Sharma, R. (2015) CoMFA, HQSAR, Pharmacophore and Docking studies on Pyridine analogs of nimesulide as Anti-Inflammatory Agents, *Research Journal of Recent Sciences*, 4, 97-104 (ISSN 2277-2502).
50. Narsinghani, T. and Sharma, R. (2014) Lead Optimization on Conventional Non-Steroidal Anti-Inflammatory Drugs: An Approach to Reduce Gastrointestinal Toxicity, *Chemical Biology and Drug Design*, 84, 1-23. (ISSN No. 1747-0285, Impact Factor 2013: 2.509).

51. Majumdar, A.J. and Dubey, N. (2017) Applications of inductively coupled plasma-atomic emission spectrometry (ICP-OES) in impurity profiling of Pharmaceuticals. *Int. J. Pharm. Life Sci.* 8(1), 5420-5425 (ISSN No.0976-7126). Not in UGC
52. Majumdar A, **Dubey N.** (2017) Formulation of paclitaxel loaded nanostructured lipid carriers to study the effect of concentration of liquid lipids on drug release, *Journal of drug delivery and therapeutics*,7(7):26-28.(ISSN No. 2250-1177, UGC approved)
53. Saraf A, **Dubey N.** (2017)Diallyldisulfide containing polymeric nanoparticles for site-specific delivery in colon cancer *Journal of drug delivery and therapeutics*,7(7) 46-49. (ISSN No. 2250-1177, UGC approved)
54. Yadav S, **Dubey N.**(2017) Development and validation of bioanalytical method for estimation of rivaroxaban using HPLC-PDA in human blood plasma, *Journal of drug delivery and therapeutics*,7(7) 123-125.(ISSN No. 2250-1177, UGC approved)
55. Sainy N, **Dubey N**(2017)In silico homology modeling and validation of  $\alpha$ -glucosidase enzyme, *Journal of drug delivery and therapeutics*,7(7) 126-127 (ISSN No. 2250-1177, UGC approved)
56. **Dubey N.** (2015) *In-Vitro* antimicrobial activity and toxicological aspects of a polyherbal oil formulation: *varnaraksasa taila*. *Asian Journal of Pharmacy and Life Science* 5(2),19-27 (ISSN No. 2231 – 4423).N
57. Engla, G., Soni, L.K., Dixit, V.K. (2014) Biodegradable Polymers: A Smart Strategy for Today's Crucial Needs *Critical Reviews in Pharmaceutical Sciences*, 3, 1-70 (ISSN No. 2319-1082).
58. Maheshwari, R.K., Solanki, S.S., **Soni, L.K.** (2015) "Solid as solvent" - novel spectrophotometric analytical technique for frusemide tablets using solids (eutectic liquid of phenol and niacinamide) as solubilizing agents (mixed solvency concept) *International Journal of Advances in Pharmaceutical Research*, 6(5), 147-150. (ISSN: 2230-7583).
59. Engla G., **Soni L.K.** and Dixit V.K. (2017) "Sustained Release Delivery of Repaglinide By Biodegradable Microspheres", *Journal of Drug Delivery and Therapeutics*, 2017, 7(7), 77-80. ISSN:2250-1157.
60. Khan R.K., **Soni L.K.**, Nema R.K., and Balekar N. (2017) "Designing of New Benzotriazole Analogs using Molecular Docking Studies against Receptor 1EA1.Pdb & 1IYL.Pdb for Treatment of Fungal Infection", *Journal of Drug Delivery and Therapeutics*, 2017, 7(7), 139-141. ISSN: :2250-1157.

61. Chouhan B.S. and **Soni L.K.** (2017) Virtual screening of derivatives containing 2-amino-benzothiazole as anticonvulsant agents", *Journal of Drug Delivery and Therapeutics*, 2017, 7(7), 104-106. ISSN:2250-1157.
62. **Soni L.K.**, Jain S. (2016) Optimization and validation of RP-HPLC method for the estimation of meloxicam and paracetamol with its genotoxic impurity (p-amino phenol) in bulk and pharmaceutical drug product using PDA detector, *Asian Journal of Biomedical & Pharmaceutical Science*, 6(53) 21-26 (ISSN: 2249-622X).N
63. Engla G., Soni L.K. and Dixit V.K. (2016) Biodegradable microspheres for sustained release delivery of repaglinide "Development and validation of RP-HPLC method for estimation of Repaglinide in pharmaceutical dosage forms.", *International Journal of Pharmacy and Life science*, 7(12), 5339-5344. ISSN:0976-7126. Not in UGC
64. Engla G., Soni L.K. and Dixit V.K. (2016) Biodegradable microspheres for sustained release delivery of repaglinide, *Journal of Harmonized Research*, 2016, 05(04) 224-229. ISSN:2321-0958. Not in UGC
65. Engla Gajanand, Soni Love Kumar and Dixit, V.K. (2016). Bioproduction of L-DOPA by *In vitro* Techniques. "International Journal of Pharmacy and Pharmaceutical Sciences" Vol 8, Issue 3, 2016. (ISSN- 0975-1491). N scopus
66. Soni L.K. and Chouhan B.S. (2016) Molecular Docking Study of 6-substituted 2-aminobenzothiazole derivatives as anticonvulsant agents, *Journal of Computational Methods in Molecular Design*, 2016, 6(3), 47-54. ISSN: 2231-3176. Not in UGC
67. Khan, M.R. and Soni L.K. (2016) Exploring structural feature of benzotriazole derivatives employing fujita–ban and hansch approach, *European Journal of Pharmaceutical and Medical Research*, 2016, 3 (10), 197-202. ISSN: 2394-3211. N not in scopus
68. Khan, M.R. and Soni L.K. (2016) Molecular Docking Simulation of Small Diverse Chemical Molecules Based Virtual Screening for Treatment of Tuberculosis, *Asian Journal of Chemistry*, 2016, 28(12), 2617-2621. ISSN: 0970-7077. N scopus
69. Gupta N. and **Soni L.** (2017) "Elucidating the Structural Requirements of Novel Pazopanib Derivatives towards Tyrosine Kinase Inhibitory Activity through Classical Hansch and *De-Novo* Approach", *Journal of Drug Delivery and Therapeutics*, 2017, 7(7), 161-164. ISSN:2250-1157.

70. Khan, M.R., **Soni L.K.**, Jain, S. (2015) Anthelmintic activity of leaves of *Cajanus cajan* Linn on Indian earthworm, *Asian Journal of Pharmaceutical and Health Sciences*, 5(4), 1327-509-511 (ISSN:2321-3965).N
71. **Soni L.K.**, Solanki S.S., Maheshwari R.K. (2015) Biochemical, haematological and histopathological studies of oral solution (syrup) formulation and novel mixed solvency concept, *International Journal of Pharmacology & Biological Science*, 9(3) 15-26. ISSN: 0973-6808.N
72. **Soni L.K.**, Solanki S.S., Maheshwari R.K.(2015) Studies on mixed solvency concept in formulation development of oral solution (syrup) of poorly water soluble drugs, *Journal of Harmonized Research*, 4(4) 305-315 (ISSN:2321-0958).N
73. **Soni L.K.**, Solanki S.S. and Maheshwari R.K. (2015) Evaluation of analgesic, anti-inflammatory and ulcerogenic liability of oral solution (syrup) formulation developed by novel mixed solvency concept, *Advances in Pharmacology & Toxicology*, 16(2) 21-30 (ISSN: 0973-2381).N
74. Maheshwari R.K., **Soni L.K.** Solanki S.S. (2015) "Solid as solvent" – Novel spectrophotometric analysis of naproxen tablets using melted phenol as solvent (Concept of mixed solvency), *International Journal of Pharma Research and Review*, 4 (6), 7-10 (ISSN:2278-6074).I
75. **Soni L.K.**, Solanki S.S., Maheshwari R.K. (2015) Design and evaluation of solid dispersion of poorly water soluble drugs: Application of novel mixed solvency concept, *International Journal of Pharmaceutical Sciences and Research*, PA-40, 173-175 (ISSN:0975-8232).N
76. Khan, M.R., **Soni L.K.**, Chabbra, G. (2015) Simultaneous determination and method development for assay of Losartan Potassium and Hydrochlorothiazide drugs in solid dosage form by RP-HPLC, *International Journal of Pharmaceutical Sciences and Research*, PB-55, 509-511 (ISSN:0975-8232).N
77. Khan M.R. **Soni L.K.** (2015) Benzotriazoles. A valuable insight into recent developments and Biological activities, *Journal of Harmonized Research*, 4(4) 344-352 (ISSN No. 2321-0958). N
78. Dahima, R. (2018) Formulation and evaluation of sustained release granules of Nitazoxanide, *Journal of Chemical and Pharmaceutical Research*, 10 (2), 20-24 (ISSN No. 0975-7384).



79. **Dahima, R.**, Gupta, A., Rathore, D. (2016) Quality by Design (QbD) approach for formulation development of Hydralazine Hydrochloride tablets. *J. Chem. Pharm Res*, 8(5), 336-341. (ISSN No. 0975-7384)N
80. Maheshwari, R.K., **Dahima, R.** (2016) "Solid as solvent"- Novel spectrophotometric analysis of piroxicam tablets using phenol as solvent. *Panacea J. Pharmacy Pharm. Sci.*, 5(1), 851-857. (ISSN No. 2349-7025). N
81. Maheshwari, R.K., **Dahima, R.** (2015) "Solid as solvent" Novel Spectrophotometric analysis of indomethacin capsules using melted phenol as solvent. *Der Pharmacia Chemica*, 7(5), 112-115. (ISSN No: 0975-413X)
82. **Dahima, R.**, (2015) Comparative study of different approaches used for solubility enhancement of poorly water soluble drugs. *Panacea J. Pharmacy Pharm. Sci.* 4(4), 851-859. (ISSN No. 2349-7025). N
83. **Dahima, R.**, (2016) Development and Characterization of self emulsifying drug delivery system of next generation Integrase Inhibitor: Dolutegravir. *Panacea J. Pharmacy Pharm. Sci.* 5(1), 67-72. (ISSN No. 2349-7025). N
84. Roy, V., Rathore D., **Dahima R.** (2014) Formulation and Evaluation of Controlled Release Glibenclamide Beads By Ionotropic Gelation Technique. *Der Pharmacia Lettre*, 6(5), 70-77. (ISSN No: 0975-5071)
85. **Masheer Ahmed Khan** (2017) Comparison studies showing swelling effect and drug release pattern from matrices containing different drugs and same polymer combinations, *World Journal of Pharmaceutical Research* Vol.6, Issue 14, , 1192-1201. ISSN 2277-7105.
86. **Masheer Ahmed Khan** (2017) Comparison study showing rational use of optimization methodology in predicting the best possible formulations of sustained release dosage forms, *World Journal of Pharmaceutical Research* Vol.6, Issue 17, 838-845, ISSN 2277-7105. I
87. Maheshwari R.K., **Khan M.A.**, Maheshwari R. K., Maheshwari N. (2016) Solid as solvent- Novel Spectrophotometric Analytical Method for Metronidazole Tablets using Solids (Eutectic Liquid of Phenol and Niacinamide) as Solubilizing Agents (Mixed Solvency Concept) , *Research Journal of Pharmacy and Technology*, 9 (6), ISSN Print: 0974-3618, ISSN Online: 0974-360X. N scopus
88. Niinivehmas S, Postilaa P A, Rauhamakia, S, Manivannan, E., Korteta S, Ahinko M, Huuskonen P, Nyber N, Koskimie P, Lattis S, Multamaki E., Juvonen R O, Raunio H, Pasanen M, Huuskonen J and Pentikainen O T (2018) Blocking oestradiol synthesis

- pathways with potent and selective coumarin derivatives, *Journal of Enzyme Inhibition and Medicinal Chemistry*, 33, 743-754 (Impact factor 2016: 4.293)
89. Rauhamakia, S, Postilaa P A, Niinivehmas S, Korteta S, Schildt E., Pasanen M. , Manivannan, E, Ahinko M, Koskimie P, Nyberg N, Huuskonen P, Multamaki E, Juvonen R O, Raunio H, Huuskonen J and Pentikainen O T (2018) Structure-Activity Relationship Analysis of 3-phenylcoumarin based Monoamine oxidase B inhibitors *Front. Chem.* 6, 41 (doi: 0.3889/fchem.2018.00041, Impact factor 2016: 3.994).
90. Manivannan E, Amawi H, Hussein N, Karthikeyan C, Fetcenko A, Narayana Moorthy NSH, Trivedi P, Tiwari AK. (2017) Design and discovery of silybin analogues as antiproliferative compounds using a ring disjunctive - Based, natural product lead optimization approach., *Eur J Med Chem.* 133, 365-378. (ISSN No. 0223-5234, Impact Factor: 4.519). I scopus
91. Amawi, H., Hussein, N.A., Karthikeyan, C., Manivannan, E., Wisner, A., Williams, F.E., Samuel, T., Trivedi, P., Ashby. C.R. Jr., Tiwari, A.K. (2017) HM015k, a Novel Silybin Derivative, Multi-Targets Metastatic Ovarian Cancer Cells and Is Safe in Zebrafish Toxicity Studies. *Front Pharmacol.* 2017 Aug 2; 8, 498. (ISSN: 1663-9812 (Electronic), Impact Factor: 4.400).
92. Niinivehmas, S.P., **Manivannan, E.**, Rauhamäki, S., Huuskonen, J., Pentikäinen, O.T. (2016) Identification of estrogen receptor  $\alpha$  ligands with virtual screening techniques, *J. Mol. Grap. Mod.* 64, 30–39 (ISSN No. 1093-3263 Impact Factor 1.674).I
93. Parmar, H.S., Assaiya, A., Agrawal, R, Tiwari, S., Mufti, I., Jain, N., Manivannan, E., Banerjee, T. and Kumar A. (2016). Inhibition of A $\beta$  (1-42) oligomerization, fibrillization and acetylcholinesterase activity by some anti-inflammatory drugs: An in vitro study, *Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry*, 15, 191-203 (ISSN No. 1871-5230 (Print), **1875-614X**, Impact Factor 2015: -). I not in scopus
94. Karthikeyan, C., Moorthy, N.S.H., Ramasamy, S., Vanam, U, Manivannan, E, Karunagaran, D., Trivedi, P. (2015) Advances in chalcones with anticancer activities. *Recent Pat Anticancer Drug Discov.* 10: 97-115 (ISSN No. 1574-8928, Impact factor 2014: 2.863)
95. **Sharma, M.C.**, Kohli, D.V (2018) Probing the structural requirements for angiotensin II receptor: Molecular modeling Studies. *Netw Model Anal Health Inform Bioinform* 7:5 DOI : 10.1007/s13721-018-0167-z

96. **Sharma, M.C.**, Sharma, S. (2017) Development and Validation of New Analytical Methods for Simultaneous Estimation of Drotaverine Hydrochloride and Omeprazole in a Pharmaceutical Dosage Form. Arab J Chem 10, S397–S403 [ISSN No.1878-5352 Impact Factor-4.553] I Scopus
97. Sharma, S., **Sharma, M.C.**, Sahu, N. K. (2017) Simultaneous Determination of Nitazoxanide and Ofloxacin in Pharmaceutical Preparations using UV-Spectrophotometric and High Performance Thin Layer Chromatography method. Arab J Chem 10, S62–S66 (ISSN No.1878-5352 Impact Factor-4.553) I Scopus
98. **Sharma, M.C.**, Kohli, D.V (2017) Quantitative Structure-Activity Relationships Studies of Some benzimidazole analogues basing on Partial Least Squares Method. Indian drugs.54 (11),15-21.N
99. **Sharma, M.C.**, Kohli, D.V(2017) Quantitative structure activity relationship modeling for prediction of pyridine substituted analogues with k-Nearest Neighbor studies. Indian drugs.54 (10),16-22. N
100. **Sharma, M.C.** (2017) QSAR approach to the study of the EGFR tyrosine kinase inhibitors: Thiazolyl-pyrazoline derivatives. Indian drugs Volume No. 54 | Issue No.03 | Page No. 5-12 N scopus
101. **Sharma, M.C.** (2017) A QSAR study of substituted pyrazoline derivatives as potential anti-tuberculosis agents. Indian drugs Volume No. 54 | Issue No.04 | Page No. 21-30 N scopus
102. Bhadoriya, K.S. **Sharma, M. C.**, Jain, S. (2015) Pharmacophore modeling and atom-based 3D-QSAR studies on amino derivatives of indole as potent isoprenylcysteine carboxyl methyltransferase (Icmt) inhibitors. J. Mol. Str. 1081, 466-476 [**Impact Factor-1.599**]
103. Dubey, N., **Sharma, M.C.**, Kumar A., Sharma P (2015) A click chemistry strategy to synthesize geraniol-coupled 1, 4- disubstituted 1, 2, 3-triazoles and exploration of their microbicidal and antioxidant potential with molecular docking profile. Med Chem Res. DOI 10.1007/s00044-015-1329-5 [ **Impact Factor-1.612**]
104. **Sharma, M.C.** (2015) Structural features of substituted triazole-linked chalcone derivatives as antimalarial activities against the D<sub>10</sub> strains of Plasmodium-falciparum: A QSAR approach. J Cent South Univ (Springer) 22: 3738–3744 (ISSN: 2095-2899, Impact Factor: 0.562). I
105. **Sharma, M.C.** (2015) Discovery of potent antihypertensive ligands Substituted imidazolyl biphenyl sulfonylureas analogs as angiotensin II AT<sub>1</sub> receptor antagonists

- by molecular modelling studies. *Interdiscip Sci Comput Life Sci (Springer)* 7(3), 221-232. (ISSN: 1913-2751, Impact Factor: 0.853). I
106. **Sharma, M.C.** (2015) A Structure-activity Relationship Study of Naphthoquinone Derivatives as Antitubercular Agents Using Molecular Modelling Techniques. *Interdiscip Sci Comput Life Sci (Springer)* 7 (4) 346-356. (ISSN: 1913-2751, Impact Factor: 0.853). I
107. **Sharma, M.C.** (2015) Prospective QSAR-based Prediction models with Pharmacophore studies of oxadiazole-substituted  $\alpha$ -isopropoxy phenylpropanoic acids on with dual activators of PPAR $\alpha$  and PPAR $\gamma$ . *Interdiscip Sci Comput Life Sci.7 (Springer)* (4) 335-345. (ISSN: 1913-2751, Impact Factor: 0.853). I
108. Bhadoriya, K.S., **Sharma, M. C.**, Sharma, S., Jain, S. V., Avchar, M. H (2014) an approach to design potent anti-alzheimer's agents by 3D-QSAR studies on fused 5, 6-bicyclic heterocycles as  $\gamma$ -secretase modulators using kNN-MFA methodology. *Arab J Chem* 7 (6) : 924-935 (**Impact Factor : 2.684**)
109. **Sharma, M.C.**, Sharma, S., Sharma, P., Kumar, A., Bhadoriya, K.S. (2014) Comparative QSAR and Pharmacophore Analysis of a series of 2, 4-dihydro-3H-1, 2, 4-triazol-3-ones derivatives as angiotensin II AT<sub>1</sub> receptor antagonists *Med Chem Res*, 23:2486–2502 [**Impact Factor-1.612**]
110. **Sharma, M.C.** (2016) A structure-activity relationship study of imidazole-5-carboxylic acids derivatives as angiotensin II receptor antagonists combining 2D and 3D QSAR methods. *Interdiscip Sci Comput Life Sci (Springer)* 8: 1-10 (ISSN: 1913-2751, Impact Factor: 0.853). I
111. **Sharma, M.C.** (2016) Identification of 3-Nitro-2, 4, 6-Trihydroxybenzamide Derivatives as Photosynthetic Electron Transport Inhibitors by QSAR and Pharmacophore studies. *Interdiscip Sci Comput Life Sci. (Springer)* 8:109–121 (ISSN: 1913-2751, Impact Factor: 0.853). I
112. **Sharma, M.C.** (2016) Structural requirements of some 2-(1-propylpiperidin-4-yl)-1H-benzimidazole-4-carboxamide derivatives as poly (ADP-ribose) polymerase (PARP) for the treatment of cancer: QSAR approach. *Interdiscip Sci Comput Life Sci (Springer)* 8: 11-22 (ISSN: 1913-2751, Impact Factor: 0.853). I
113. **Sharma, M.C.** (2016) QSAR studies of novel 1-(4-methoxyphenethyl)-1H-benzimidazole- 5-carboxylic acid derivatives and their precursors as Antileukemic Agents. *J Taib Uni Sci (Elsevier)* 10: 122–130. (ISSN: 1658-3655). I

114. **Sharma, M.C.** (2016) 2D QSAR Studies on a Series of substituted purine derivatives inhibitory activity against c-Src tyrosine kinase. *J Taib Uni Sci (Elsevier)* 10, 563–570. (ISSN: 1658-3655). I
115. Jain V., **Sharma, M.C.** (2016) Validated RP-HPLC Method for determination of Bromhexine HCl, Chlorpheniramine Maleate, Dextromethorphan HBr and Guaiphenesin in Pharmaceutical Dosage Forms. *J Taib Uni Sci (Elsevier)* 10:38–45. (ISSN: 1658-3655). I
116. **Sharma, M.C.**, Sharma, S., A., Bhadoriya K.S. (2016) QSAR studies on pyrazole-4-carboxamide derivatives as Aurora A kinase inhibitors. *J Taib Uni Sci (Elsevier)* - 10, 107–114 (ISSN: 1658-3655). I
117. **Sharma, M.C.**, Sharma S., (2016) Development and validation of Spectrophotometric method and TLC Densitometric Determination of Irinotecan HCl in pharmaceutical dosage forms. *Arab J Chemistry* 9, S1368–S1372 [ISSN No.1878-5352 Impact Factor-4.553] I Scopus
118. **Sharma, M.C.**, Sharma S., (2016) Molecular Modeling Studies of 3-acyl-2-phenylamino-1, 4-dihydroquinolin-4-one derivatives as phosphatase SerB653 inhibitors. *Med Chem Res.* Volume 25, Issue 10, pp 2119–2126 [ISSN No. 1054-2523 Impact Factor-1.277] I Scopus
119. **Sharma, M.C.**, Sharma S., (2016) Investigation on quantitative structure activity relationships of a series of inducible nitric oxide. *Interdiscip Sci Comput Life Sci* 8(4):346-351 [ISSN: 1913-2751, Impact Factor: 0.753] I Scopus
120. Dhumal, D.M., Ganorkar, S.B., Patil, M.U., Singh, D., **Sharma, M.C.**, Bhadoriya, K.S., (2016) RP-HPLC-PDA Analyses of Tapentadol: Application of Experimental Design". *Ana Chem Lett* 6 (3),214 – 223 [ISSN: 2229-7928] N not in scopus
121. **Sharma, M.C.** (2015) Structural insights into mode of actions of novel substituted 4- and 6-azaindole-3-carboxamides analogs as renin inhibitors: molecular modeling studies *Med Chem Res.* 24:1038–1059 [ISSN No. 1054-2523 **Impact Factor-1.612**]
122. **Sharma, M.C.**, Sharma, S., A., Bhadoriya K.S. (2015) Molecular modeling studies on substituted aminopyrimidines derivatives as potential antimalarial compounds, *Med Chem Res* 24:1272–1288 (ISSN No. 1054-2523, **Impact Factor: 1.612**).

123. **Sharma, M.C.**, Sharma, S. (2014) Molecular Modeling Studies of thiophenyl C-aryl glucoside SGLT2 inhibitors as potential antidiabetic agents. International Journal of Medicinal Chemistry [Hindawi Publishing Corporation] <http://dx.doi.org/10.1155/2014/739646>
124. **Sainy J.**, Sharma R. (2017). Synthesis, anti-malarial evaluation and molecular docking studies of some thiolactone derivatives. **Journal of Molecular Structure**, 1134, 350-359. (ISSN:0022-2860) (IF:1.753) I scopus
125. **Sainy, J.**, Sharma, R. (2015). QSAR analysis of thiolactone derivatives using HQSAR, CoMFA and CoMSIA. SAR and QSAR in Environmental Research, 26,873-892.[ ISSN: 1062-936X (Print) 1029-046X (Online)Impact factor 1.596].I
126. *Saraf, A. and Dubey, N.* **A Review on anti-cancer activity of some of the oil-soluble organosulphur compounds against colon cancer.** Current Traditional Medicine, **In press**: Reference No: CTM-17-14760 (ISSN: 2215-0846 (online), ISSN: 2215-0838 (Print)). I not in scopus
127. **Saraf, A.** (2014). Preparation and evaluation of microspheres based long-acting depot injection using a novel biomaterial as a polymer. World Journal of Pharmacy and Pharmaceutical Sciences 3(10), 733-739. (ISSN No. 2278-4357).
128. Solanki, S.S., **Engla, G.**, Joshi, A., Maheshwari, R.K. (2015) Application of Mixed Hydrotrophy to analyze Piroxicam tablets Spectrophotometrically. Indian Journal of Pharmaceutical Science & Research 5, 132-135. (Print ISSN: 2248-9118 and e-ISSN: 2248-9126).
129. Solanki, S.S., **Engla, G.**, Jain, A., Bhadoriya, U., Maheshwari, R.K. (2014) Analytical Application of Lignocaine Hydrochloride as Hydrotropic Solubilizing Agent. Sch. Acad. J. Pharm. 3, 397-400 (ISSN Online 2320-4206 and ISSN Print - 2347-9531).
130. Qureshi Z, Masood M, Saxena R, Nagar H, Ahmed T, **Rathore M.** (2016) Evaluation of wound healing activity of *Tabernaemontana divaricata* Leaves in experimental rats, International Journal of Pharmacy & Therapeutics, 7, 111-120. (ISSN 2229-7456). Not in UGC not in scopus