

## Gateway College of Pharmacy, Delhi-NCR, Sonipat

### Research Papers Published in Refereed Journals

#### Dr. Rahul Sharma

1. Jitender Madan, Ashish Baldi, Ravi S. Pandey and **Rahul Sharma**. Parkinsonism: History and Novel Biotech Approach Journal of Science and Pharmacy 2002; 3(2) 62-65.
2. P. Sharma, **Rahul Sharma** and S. Sardana, Studies on some fungal inhibitory chemicals for chrome tanning, Journal of Science and Pharmacy 2002; 3(3) 85-91.
3. P. Sharma, **Rahul Sharma** and S. Sardana, In vitro production of proteolytic enzymes by fungi Journal of Science and Pharmacy 2003; 4(2) 54-56.
4. Jitender Madan, S. Sardana and **Rahul Sharma**. DNA Microarray: Technique for gene profiling Journal of Science and Pharmacy 2004; 5(1) 5-8.
5. Jitender Madan, S. Sardana, **Rahul Sharma** and Dinesh Kaushik. DNA Vaccine: Mechanistic insight and delivery strategies. Hamdard Medicus 2009; 52(1) 81-86.
6. Sharma M, **Rahul Sharma**. Silver nanoparticles conjugated with ciprofloxacin HCl to combat bacterial resistance via topical drug delivery system World Journal of Pharmacy and Pharmaceutical Sciences 2019; 8(10)611-623.
7. Pooja, **Rahul Sharma**. Design and development of solid lipid nanoparticles of Telmisartan for targeting Prostate Cancer; World Journal of Pharmacy and Pharmaceuticals Sciences. 2019; 8(11) 1341-1353
8. **Rahul Sharma**, Satish Sardana and Jitender Madan, Telmisartan-Poly (ethylene glycol) conjugate augmented drug dissolution and permeability in cervical cancer cells. Journal of Drug delivery & Therapeutics 2019; 9(1) 358-361.
9. **Rahul Sharma**, Satish Sardana and Jitender Madan, Telmisartan loaded solid lipid nanoparticles augmented cytotoxicity in cervical cancer cells. Journal of Drug delivery & Therapeutics 2019; 9(2): 612-624.
10. Anita Antil, Sukhbir Singh, Neelam Sharma and **Rahul Sharma**. Formulation, Development and Evaluation of Taste masked Anthelmintics chewable tablets by using Fluid Bed Processor Technique. ECS Transactions 107 (1) 9003-9013 (2022)
11. Renu Tushir, Bharti Gupta, **Rahul Sharma**, Ajesh Chauhan. A concise review on novel approach for challenging Pharmaceuticals through self-microemulsifying Drug Delivery system. International journal of Pharmaceutical sciences and Research, 2022; 13(12) ;4830-47.
12. Parimal Hagde, Purva Pingle, Atul Mourya, **Rahul Sharma**, Jitender Madan. Therapeutic potential of quercetin in diabetic foot ulcer; Mechanistic insight, challenges, nanotechnology driven strategies and future prospects. Journal of Drug Delivery science and Technology 74(2022) 1773-2247.
13. Bharti Gupta, **Rahul Sharma**, Formulation and in-vitro characterization of the solid Lipid Nanoparticles of Naftopidil for enhancing oral Bioavailability. Asian Journal of

Pharmaceutical and Clinical Research. 16,(2) 2023 1-6.

14. Aditya Jaitley, **Rahul Sharma**, Rizwan Zafar Formulation and evaluation of cefuroxime axetil granules for oral suspension. Asian Journal of Pharmaceutical and Clinical Research. 16(7),2023 180-186
15. Deepa antil, **Rahul Sharma**, Bharat Bhushan Formulation and invitro characterization of thicolchicoside prioniosomes for oral delivery Asian Journal of Pharmaceutical and Clinical Research. 16 (4) 1-8.

## Book Chapters

1. Pawan Devangan, Pankaj kumar singh, Monika Chaudhary, **Rahul sharma**, Neha Bajwa, Ashish Bajdi Kamta prasad Namdeo, Jitender Madan. Drug Delivery; The conceptual perspectives and therapeutic applications. Polymer- drug conjugates:Linker chemistry, protocols and applications. 2023 ,page 1-38.
2. Shalki Chaudhary, Sheshank Sethi, Rupesh Dudhe, Anshu Dudhe, **Rahul Sharma**,Neha Bajwa, Preet Anmol Singh, Ashish Baldi, Jitender Madan. Chemistry Of Conjugation in Drug Delivery; The prospects of biodegradable bonds in Polymer- drug conjugates:Linker chemistry, protocols and applications. 2023 , page 95-119.

## Books Published

1. Jitender Madan, Ramesh Chandra and **Rahul Sharma** (2018). Silver Nanoparticles in Drug Delivery”From Bench to Bed side.LAP LAMBERT Academic Publishing 17,Meldrum street,Beau Bassin -71504 Mauritius, ISBN:978-613-7-32812-5.
2. O.P. Sharma and **Rahul Sharma** (2019) “A Text book of Remedial Biology (As per New PCI Syllabus) Birla Publications, Shahdara, Delhi.

## Patent

1. **Rahul Sharma**, Satish Sardana, Vikas Tushir ; Title- Anti-Diabetic Polyherbal composition and method for synthesis Thereof. **Application No.- IN202311010262 (Published).**
2. **Rahul Sharma**; Title-Advanced Biopolymer Composite Materials With IOT Monitoring System. **Application No.- 434938-001 (Published).**

## Copyright

1. CRISPR-CAS9 and its application in cancer research and therapy (**Application No.- 142920**).

## Mr. Devender Chauhan

1. **Devender Chauhan\***, Dinesh Kaushik. Bilayer Tablet Tendered Immediate Release of Paracetamol And Sustained Release Of Ibuprofen For Quick Onset Of Action Against Pain And Fever. Asian Journal of Pharmaceutical and Clinical Research 2019;12 (15):166-174. ISSN-2455-3891.
2. Ritu Sharma, Dr. Dinesh Kaushik, **Devender Chauhan**. Design and development of Quercetin loaded silver nanoparticles for antibacterial activity. International Journal of Science and Research 2020; 10 (12):1301-1309. ISSN-2319-7064.
3. Sandhya, **Devender Chauhan**, Dr. Dinesh Kaushik. Ligand decorated nanoparticles of colchicine for targeting breast cancer cells. World Journal of Pharmaceutical Research 2021;11(1):1836-1858. ISSN-2277-7105.
4. Birender Singh, **Devender Chauhan**, Sangeet Kumar Sharma, Naveen. Development and Validation of a RP-HPLC Method for Simultaneous Estimation of Domperidone and Naproxen Sodium in a Bulk and in Tablet Dosage Form. International Journal of Pharmaceutical Research and Applications. 2023; 8(1):1655-1685. ISSN: 2249-7781.
5. Reetu Rani, **Devender Chauhan**, Birender Singh, Vineet Vashisth, Sunil K. Batra. Formulation and Evaluation of Microspheres of Diclofenac Sodium. International Journal of Pharmaceutical Research and Applications. 2023 ;8(1) 2292-2329. ISSN : 2249-7781.
6. Deepanshu Pruthi, Dr. Arun Kumar, Dr. Dinesh Kaushik, **Devender Chauhan**. Optimization Formulation and Evaluation of Herbal Lotion For Antimicrobial Activity. International Journal of Creative Research Thoughts. 2023;11(5): i952-968.ISSN : 2320-2882.
7. Arun, Dr. Reena Sheoran, **Devender Chauhan**, Birender Singh, Himanshu Gupta. Nutraceutical Products in COVID-19 Management and Regulatory Aspects In INDIA, USA And JAPAN. International Journal of Creative Research Thoughts. 2023; 8(5): M476-494. ISSN: 2320-2882.
8. Kanika, Vineet Vashishth, **Devender Chauhan**. Luliconazole Amalgamated Copper Nanoparticles For Enhanced Drug Delivery Against Resistant Bacteria. International Journal of Pharmaceutical Research and Applications.2023;8(3):2864-2875.ISSN: 2249-7781.
9. **Devender Chauhan**, Dr. Dinesh Kaushik. Bilayer Tablet Technology: A concise Review in European Journal of Pharmaceutical and Medical Research 2019,6 (7): 573-582. ISSN-2394-3211.

10. Kanika, **Devender Chauhan**, Vineet Vashishth. A Concise Review On Copper Nanoparticles For Drug Delivery Against Luliconazole Resistant Bacterial Strains. International Journal of Creative Research Thoughts. 2023; 11(6): e987-e992. ISSN: 2320-2882.
11. Deepanshu Pruthi, Dr. Arun Kumar, Dr. Dinesh Kaushik, **Devender Chauhan**. A concise Review on Antibacterial Activity of Curcumin and Amla. World Journal of Pharmacy and Pharmaceutical Sciences. 2023;12 (10): 186-201.
12. Preeti, Dr. Dinesh Kaushik, **Devender Chauhan**. A promising role of mucoadhesive drug delivery system. International Journal Of Current Science (IJCS PUB). Feb.2024;14(1):605-624. ISSN: 2250-1770.

### **Ms. Reena**

1. **Reena Bhoria**, Sushma, Kainsa, Manjusha Chaudhary. Antifertility activity of chloroform and alcoholic flower extract of Leucas Cephalotes (Roth.) Spreng. In albino rats. International journal of drug Development and research. 2023;5(1): 01-10. ISSN-0975-9344.
2. Kanisa S, **Bhoria R**. Medicinal plants as a source of anti-inflammatory agent: A review. International Journal of Ayurvedic and Herbal Medicine, 2:3, 2012, 499-509.
3. **Bhoria R**, Kainsa S, Choudhary M. Anti-fertility activity of flowers extracts of Leucas cephalotes (Roth.) Spreng. in rats. International Journal of Drug Development & Research, 2013; 5(1): 168-173.
4. **Bhoria R**, Kainsa S. Leucas cephalotes (Roth) Spreng: Review at a glance. International Journal of Pharmacy, 2013; 3(1): 77-81.
5. **Bhoria R**, Devi S. Screening of 166 antifertility medicinal plants: Review. International Journal of Institutional Pharmacy and Life Sciences, 2015; 5(2):162-196.