

PUBLICATIONS (AIP&P)

Published Papers

1. Dalbir Singh, Mona Piplani, **Harsha Kharkwal**, Sankaranarayanan Murugesan, Yogendra Singh, Amit Aggarwal, **Subhash Chander***. Anticancer Potential of Compounds Bearing Thiazolidin-4-one Scaffold: Comprehensive Review. **Pharmacophore**. 2023;14(1):56-70. DOI: <https://doi.org/10.51847/oHzuia1yg6>. (Impact Factor: 2.16).
2. Sachin Kumar, Neha Singh, Amit Mittal, **Harsha Kharkwal**, Shreyans K. Jain, Bharat Goel. The genus Leucas: A review on phytochemistry and pharmacological activities. **Fitoterapia (Elsevier B.V.)**. 2023, Volume 167, 105492; DOI: <https://doi.org/10.1016/j.fitote.2023.105492>. (Impact factor: 3.20).
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4. Ankush Goyal, **Harsha Kharkwal**, Mona Piplani, Yogendra Singh, Sankaranarayanan Murugesan, Amit Aggarwal, Piyush Kumar, **Subhash Chander**. Spotlight on 4-substituted quinolines as potential anti-infective agents: Journey beyond chloroquine. **Archiv der pharmazie (Wiley)**. 2022; DOI: <https://doi.org/10.1002/ardp.202200361>. (Impact Factor: 4.613)
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6. Valavan R, **Kharkwal H**, Kumar Rajput S, Hoerr R, **Chander S**. Aqueous-ethanolic extracts of Curcuma longa and Withania somnifera improve memory in the dementia model. **Journal of Research in Pharmacy**. 2022; 26(6): 1842-1856. DOI: <http://dx.doi.org/10.29228/jrp.274>. (Impact Factor: 0.88)
7. Narmin Hamaamin Hussen, Aso Hameed Hasan, Joazaizulfazli Jamalis, Sonam Shakya, **Subhash Chander**, **Harsha Kharkwal**, Sankaranarayanan Murugesan, Virupaksha Ajit Bastikar, Pramod Kumar Pyarelal Gupta (2022). Potential inhibitory activity of phytoconstituents against black fungus: In silico ADMET, molecular docking and MD simulation studies. **Computational Toxicology**, 24, 100247 (2022), Elsevier B.V. Publications, DOI: <https://doi.org/10.1016/j.comtox.2022.100247>. (Impact Factor: 2.47).

8. Aso Hameed Hasan, Narmin Hamaamin Hussien, Sonam Shakya, Joazaizulfazli Jamalis, Mohammad Rizki Fadhil Pratama, **Subhash Chander**, **Harsha Kharkwal** & Sankaranarayanan Murugesan (2022), In silico discovery of multi-targeting inhibitors for the COVID-19 treatment by molecular docking, molecular dynamics simulation studies, and ADMET predictions, **Structural Chemistry**, Volume 33, pp. 1645–1665, Springer Publications. DOI: <https://link.springer.com/article/10.1007/s11224-022-01996-y>. (Impact Factor: 1.88)
9. Awasthi Rajendra*, Singh Kumar Anurag, Mishra Gaurav, Maurya Anand, Dhiman Neerupma, **Kharkwal Harsha**, Sharma Bhupesh, Jha Kumar Niraj, Dureja Harish, Dua Kamal, Andreoli Pinto de Jesus Terezinha and Kulkarni T. Giriraj (2022), Diagnosis and Clinical Aspects of Lung Cancer: A Special Emphasis on Drug Targeting to Cancer Cells Through Nanoparticles, **Letters in Drug Design & Discovery**; Volume 19. DOI: <https://dx.doi.org/10.2174/1570180819666220510133408>. (Impact Factor: 1.15)
10. Poonam Sharma, Nikita Gaur, Shalini Jayant, B M Sharma, Bhagwat Singh, **Harsha Kharkwal**, Bhupesh Sharma (2022), Salubrious effects of ulinastatin and quercetin alone or in combination in endothelial dysfunction and vascular dementia, **Pharmacological Reports**, vol. 74, pages 481–492, Spring Nature Publications, DOI: <https://doi.org/10.1007/s43440-022-00364-1>. (Impact Factor: 3.027).
11. Devi Datt Joshi, Bharat Gopalrao Somkuwar, **Harsha Kharkwal**, **Subash Chandra** (2022), Aroma based varieties of Capsicum chinense Jacq., geographical distribution and scope for expansion of the species, **Journal of Applied Research on Medicinal and Aromatic Plants**, Vol. 29 (100379), Bentham Science Publications, DOI: <https://doi.org/10.1016/j.jarmap.2022.100379> (Impact Factor: 3.94).
12. Rani Dolly, **Kharkwal Harsha***, Kulkarni G.T., Rai Nitin, Grover Parul, **Chander Subhash** (2022), Anti-diabetic, antioxidant and toxicity studies of Grewia abutilifolia leaves extracts, **Medicinal Plants - International Journal of Phytomedicines and Related Industries**, Vol. 13(4), pp. 689-700, DOI: <http://dx.doi.org/10.5958/0975-6892.2021.00079.4>. (Impact Factor: 0.44).
13. Aso Hameed Hasan, Sankaranarayanan Murugesan, Syazwani Itri Amran, **Subhash Chander**, Mohammed M. Alanazi, Taibi Ben Hadda, Sonam Shakya, Mohammad Rizki Fadhil Pratama, Basundhara Das, Subhrajit Biswas k, Joazaizulfazli Jamalis*. Novel thiophene Chalcones-Coumarin as acetylcholinesterase inhibitors. **Bioorganic Chemistry**. Elsevier Publications, vol. 119, 105572. DOI: <https://doi.org/10.1016/j.bioorg.2021.105572>. (Impact Factor: 5.275)
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- Study through Skin Irritation Test, **Advancements in Homeopathic Research, Vol. 6 No. 2: 18-23**. DOI: <https://homoejournal.com>.
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 16. **Subhash Chander**, Giriraj T. Kulkarni, Neerupma Dhiman, **Harsha Kharkwal** (2021), Protein Based Nanohydrogels for Bioactive Delivery, **Frontiers in Chemistry, Vol. 9, Article 573748, Frontiers Media S.A. Publications, DOI: <https://doi.org/10.3389/fchem.2021.573748> (Impact Factor: 5.221)**.
 17. Faheem*, BK Kumar, KVG Chandra Sekhar, **S. Chander**, S Kunjiappan and S Murugesan. 1,2,3,4-Tetrahydroisoquinoline (THIQ) as privileged scaffold for anticancer de novo drug design. Expert Opinion on Drug Discovery. 16 (2021) 1119-1147. DOI: <https://doi.org/10.1080/17460441.2021.1916464> (Impact Factor: 7.05)
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Published Chapters

1. Neerupma Dhiman, Rajendra Awasthi, **Harsha Kharkwal**, Bhupesh Sharma and Giriraj T. Kulkarni, Rational design of linkers in polymerdrug conjugate, **Polymer-Drug Conjugates Linker Chemistry, Protocols and Applications, Publisher: Elsevier, Chapter 2, 1st Edition, (2023), pp. 39-51.**
2. Vijeta Kumari, Arijit Nandi, Anwasha Das, and **Subhash Chander**. Book Chapter, 'Bioinformatics for Determining the Active Site of the Target Protein'. Title of Book, '**Computational Biology in Drug Discovery and Repurposing**' Edited by **Rajani Sharma, A. V. Senthil Kumar, Kunal Kumar, Chapter No. 3, CRC Press, ISBN: 9781774915561.**
3. Anwasha Das, Arijit Nandi, Vijeta Kumari, and **Subhash Chander**. Book Chapter No. 7, 'Immunoinformatics in Drug Designing'. Title of Book, '**Computational Biology in Drug Discovery and Repurposing**' Edited by **Rajani Sharma, A. V. Senthil Kumar, Kunal Kumar, Chapter No. 3, CRC Press, ISBN: 9781774915561.**
4. M. Pilani, **S. Chander**, P.C. Sharma, 'Goitrogenic/Anti-thyroid potential of the dietary Isothiocyanate (2021). **Spectrum of Isothiocyanate Chemistry and its Applications. Edited by S.K. Mehta, Chapter No. 11, Page No. 251-270, Nova Science Publishers, Inc, USA, ISBN: 978-1-53616-478-7.**
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