

RECENT PUBLICATIONS

1. Rohini Agrawal, Virendra Nath, Vipin Kumar. Structure based docking and molecular dynamics studies: Peroxisome proliferator-activated receptors α/γ dual agonists for treatment of metabolic disorders. *J Biomol Struct Dyn* 2020;38:511-523
<https://doi.org/10.1080/07391102.2019.1581089> [Impact Factor :5.235]
2. Rohini Agrawal, Virendra Nath, Vipin Kumar. Computational identification of potential dipeptidyl peptidase (DPP)-IV inhibitors: Structure based virtual screening, molecular dynamics simulation and knowledge-based SAR studies. *J Mol Struct* 2021;1224:129006.
<https://doi.org/10.1016/j.molstruc.2020.129006> (Impact Factor – 3.841)
3. Rohini Agrawal, Virendra Nath, Vipin Kumar. Identification of Mpro inhibitors of SARS-CoV-2 using structure based computational drug repurposing. *Biocatal Agric Biotech* 2021;37:102178.
<https://doi.org/10.1016/j.bcab.2021.102178> (Impact Factor - 3.28)
4. Vedpal Singh, Selvaraj Jubie, Srikanth Jupudi, Ashish Wadhwan, Sangai P. Dhanabal, Rohit Singh, Manish Pal Singh. Targeting lipoxygenase enzyme by flavonoids from *Tadehagitriquetrum*: A combined in silico and in vitro approach. *Revista Brasileira de Farmacognosia* 2022;32:484-490. <https://doi.org/10.1007/s43450-022-00270-w> (Impact Factor - 2.71)
5. Rohini Agrawal, Dharendra Singh, Arpit Saini and Randhir Singh. Galangin, as a Potential Anticancer Agent. *Revista Brasileira de Farmacognosia* 2022;32:331-343.
<https://doi.org/10.1007/s43450-022-00238-w> (Impact Factor - 2.71)
6. Vedpal Singh, Namrita Lall, Ashish Wadhvani and Sangai P. Dhanabal. GC-MS analysis of curculigoorchiodes and medicinal herbs with cytotoxic, hepatoprotective attributes of ethanolic extract from Indian origin. *J Complement Integr Med* 2022; 1-9.
<https://doi.org/10.1515/jcim-2020-0545> (Impact Factor - 2.381)

7. Rohini Agrawal, Virendra Nath, Vipin Kumar. Virtual screening and *in silico* simulation analysis for rapid and efficient identification of novel natural GPR40 agonist. Lett Drug Des Dis 2020;15. <https://doi.org/10.2174/1570180815666180914162935> [Impact Factor:1.099]

PATENTS

1. Rohini Agrawal, Pankaj Kumar Sharma. Title of the invention: An In Situ Gel Forming Wound Dressing And Method Of Preparation Thereof. Publication Date: 25/03/2022. The Patent Office Journal No. 12/2022 Dated 25/03/2022
2. Rohini Agrawal, Suruchi Singh, Sakshi Garg. Title of the invention: Formulation of Coating Material Comprises Eleusine Coracana For Pharmaceutical Use. Publication Date: 22/04/2022. The Patent Office Journal No. 16/2022 Dated 22/04/2022.