



Dattakala Shikshan Sanstha's

DATTAKALA COLLEGE OF PHARMACY



List of Research Paper Published

Academic Year 2025-26

Sr. No.	Author List in Sequence	Title	Journal Name	National / International	Indexing	Publisher	Year / Vol / Page	Impact Factor	ISSN	DOI
1	Gadhave, D.G* , Kale, V.V., Kade, A.P., Jadhav, O.R., Sugandhi, V.V., Babar, V.B., Khot, S., Kokare, C.R., Paudel, K.R.	Nanotechnology-based advancements in Parkinson's therapy: Exploring animal models and clinical insights in neurodegenerative disorders	Ageing Research Reviews	International	Scopus, Medline, SCIE	Elsevier	2026; 115: 103026	-	-	https://doi.org/10.1016/j.arr.2026.103026
2	Gadhave D. , Quadros, M., Goyal, M., Ugale, A.R., Gupta, V.	A Microemulsion for Oral Delivery of Nintedanib – QbD-Enabled Formulation Development, In-Vitro Characterization & In-Vivo Pharmacokinetic Assessment	AAPS Journal	International	WoS, Scopus, PubMed	Springer	2025; 27: 129	~4.5	1550-7416	https://doi.org/10.1208/s12248-025-01119-5



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3	Nikam, S., Khot, S., Suroshe, A., Gadhav, D. , Kokare, C.	Intranasal atorvastatin- loaded vitamin E TPGS lipoidal nanocarriers for glioblastoma: QBD- enabled formulation development and pharmacological investigations	Journal of Drug Delivery Science and Technology	International	Scopus, SCIE	Elsevier	2025; 112: 107288	-	-	https://doi.org/10.1016/j.jddst.2025.107288
4	Gadhav, D.* , Babar, V., Khot, S., Waghmode, N., Kokare, C.	Intranasal teriflunomide-loaded lipid-based nanocarriers: an improved remyelination potential in multiple sclerosis: In-vitro, pharmacological, and toxicological assessments	Journal of Drug Delivery Science and Technology	International	Scopus, SCIE	Elsevier	2025; 110: 107072	-	-	https://doi.org/10.1016/j.jddst.2025.107072
5	Sugandhi, V.V., Gadhav, D.G.* , Ugale, A.R., Kulkarni, N., Nangare, S.N., Patil, H.P., Rath, S., Saxena, R., Lavate, A. ,	Advances in Alzheimer's therapy: Exploring neuropathological mechanisms to revolutionize the future therapeutic landscape	Ageing Research Reviews	International	Scopus, Medline, SCIE	Elsevier	2025; 109: 102775	-	-	https://doi.org/10.1016/j.arr.2025.102775



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	Patel, A.T., Jadhav, A. , Paudel, K.R.									
6	Gadhav, D. , Quadros, M., Ravula, S., Ugale, A.R., Alkyam, M., Perron, J.C., Gupta, V.	Quality by design enabled development & in-vitro assessment of a Nanoemulgel formulation for Nose- to-Brain delivery of Nintedanib for glioblastoma multiforme treatment	International Journal of Pharmaceutics	International	Scopus, Medline, SCIE	Elsevier	2025; 676: 125632	5.3	0378- 5173 (Print) 1873- 3476 (Online)	https://doi.org/10.1016/j.ijpharm.2025.125632
7	Sugandhi, V.V., Gadhav, D.G. , Khot, S.V., Jadhav, K., Patel, D., Thapa, R., Verma, R.K., Rojekar, S., Patil, N.G., Jha, S.K., Moravkar, K.K., Paudel, K.R., Jain, S.	Exploring natural components in vaccine delivery systems: Types, routes of administration, in-vitro and in-vivo quantification techniques	Journal of Drug Delivery Science and Technology	International	Scopus, SCIE	Elsevier	2025; 108: 106960	4.5	-	https://doi.org/10.1016/j.jddst.2025.106960



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8	Khot, S., Mahajan, U., Jadhav, A., Vaishampayan, P., Bagul, U., Gadhav, D. , Gorain, B., Kokare, C.	Nose-to-brain delivery of sorafenib-loaded lipid-based poloxamer- carrageenan nanoemulgel: Formulation and therapeutic investigation in glioblastoma-induced orthotopic rat model	International Journal of Biological Macromolecules	International	Scopus, Medline, SCIE	Elsevier	2025; 309: 142861	7.7	0141- 8130 (Print) 1879- 0003 (Online)	https://doi.org/10.1016/j.ijbiomac.2025.142861
9	Quadros, M., Goyal, M., Chauhan, G., Gadhav, D. , Gupta, V.	An Inhaled Nanoemulsion Encapsulating a Herbal Drug for Non- Small Cell Lung Cancer (NSCLC) Treatment	Pharmaceutics	International	Web of Science, SCIE, Scopus	MDPI	2025; 17(5): 540	4.9	1999- 4923	https://doi.org/10.3390/pharmaceutics17050540