

## PRINCIPAL K. M. KUNDNANI COLLEGE OF PHARMACY



(GOVT. AIDED, PCI APPROVED, ACCREDITED BY NBA & AFFILIATED TO UNIVERSITY OF MUMBAI) Plot No. 23, Jote Joy Building, Rambhau Salgaonkar Road, Cuffe Parade, Mumbai-400005.

## **PUBLICATIONS - 2020**

- 1. Wagal OS, Joshi AJ, Joshi UJ, Bhojwani HR, Begwani KV, Dawne HA, Gude RP, Sathaye SS, Kanchan DM. Studies in molecular modeling, in vitro CDK2 inhibition and antimetastatic activity of some synthetic flavones. **Frontiers in Bioscience-Landmark**. 2020 Oct 1;26(4):664-81.
- 2 Puro D, Athawale R, Pandya A. Design, optimization and characterization of nanostructured lipid carriers of raloxifene hydrochloride for transdermal delivery. **Nanoscience & Nanotechnology-Asia.** 2020 Feb 1;10(1):57-67.
- 3. Gorain B, Choudhury H, Molugulu N, Athawale RB, Kesharwani P. Fighting strategies against the novel coronavirus pandemic: impact on global economy. **Frontiers in public health.** 2020 Dec 9:8:606129..
- 4. Bhagwat GS, Athawale RB, Gude RP, Md S, Alhakamy NA, Fahmy UA, Kesharwani P. Formulation and development of transferrin targeted solid lipid nanoparticles for breast cancer therapy. **Frontiers in Pharmacology.** 2020 Nov 27;11: 614290.
- 5. Nair AV, Hamrapurkar PD, and Athawale RB, Biosimilars: A boon to infertile women, **World journal of pharmaceutical research**. 2020;9(10), 147-162
- 6. Khedekar Y, Hamrapurkar PD., kaple S, Development and validation of a stability indicating RP-HPLC method for edoxaban tosylate monohydrate using QBD approach, World journal of pharmaceutical research. 2020;9(1),1872-1890
- 7. Tiwari P. and Dr Hamrapurkar PD, Development and validation of a stability indicating RP-HPLC method for determination of caripirazin in bulk drug, **World Journal of Pharmaceutical Research.** 2020;9(1), 1872-1890..
- 8. Todkar P, Hamrapurkar PD. Bioanalytical method development and validation: overview **World Journal of Pharmaceutical Research** 2020; 9(5), 2420-2449.
- 9. Patil PH, Gurupadayya BM, Hamrapurkar PD. Stability indicating HPTLC determination of tadalafil hydrochloride in bulk drug and pharmaceutical formulations. **Research Journal of Pharmacy and Technology.** 2020; 13(6),2608-14.
- 10. Chawate A and Hamrapurkar PD, Implementation of quality by design approach for annalytical method development and validation for estimation of prucalopride succinate in the bulk and solid dosage form, **International Journal of Pharmaceutical Quality Assurance and Pharmaceutical Analysis** 2020;11(4),510-517
- 11. Todkar PP, Hamrapurkar PD, Development and validation of a stability-indicating reversed-phase high-performance liquid chromatography method for elagolix sodium using quality by design approach. **International Journal of Pharmaceutical Quality Assurance.** 2020;12(2):6-13.



## PRINCIPAL K. M. KUNDNANI COLLEGE OF PHARMACY



(GOVT. AIDED, PCI APPROVED, ACCREDITED BY NBA & AFFILIATED TO UNIVERSITY OF MUMBAI) Plot No. 23, Jote Joy Building, Rambhau Salgaonkar Road, Cuffe Parade, Mumbai-400005.

- 12. Nara SN, Ojha RR, Hamrapurkar PD. A review on the liquid chromatography-nuclear magnetic resonance (lc-nmr) and its application in pharmacy. **World journal of pharmaceutical research**, 2020; 9 (12), 647-662
- 13. Todkar P, Shaikh S, and Hamrapurkar PD, Pharmacist play role in Covid-19 pandemic, **World journal of pharmaceutical research**, 2020; 9 (6), 985-995.
- 14. Manjaramkar DS., Hamrapurkar PD., Kaple SR, Reverse phase High performance liquid chromatography method development and validation for estimation of flibanserin in bulk and dosage form, **International Journal of Pharmaceutical Quality Assurance**, 2020; 11 .(4).501-504
- 15. Saha P, Chawla-Sarkar M, Malbari K, Mitra S, Kanyalkar M. Evaluation of anti-viral activity of synthesized molecules on Influenza A pandemic H1N1 strains circulating in eastern India during 2017–2019. **International Journal of Infectious Diseases**. 2020 Dec 1; 101:514-5.
- 16. Chintakrindi AS, Gohil DJ, Chowdhary AS, Kanyalkar MA. Design, synthesis and biological evaluation of substituted flavones and aurones as potential anti-influenza agents. **Bioorganic & Medicinal Chemistry.** 2020 Jan 1;28(1):115191.
- 17. Ganji LR, Gandhi L, Musturi V, Kanyalkar MA. Design, synthesis, and evaluation of different scaffold derivatives against NS2B-NS3 protease of dengue virus. **Medicinal Chemistry Research**. 2021 Jan;30:285-301.
- 18. Panda VS, Shah T. A herbal premix containing Macrotyloma uniflorum, ginger, and whey curtails obesity in rats fed a high-fat diet by a novel mechanism. **Applied Physiology**, **Nutrition**, and **Metabolism**. 2020;45(1):24-34.
- 19. Singh S, Somvanshi RK, Panda V, Kumar U. Comparative distribution of somatostatin and somatostatin receptors in PTU-induced hypothyroidism. **Endocrine.** 2020 Oct; 70:92-106.
- 20. Singh S, Panda V, Sudhamani S, Dande P. Protective effect of a polyherbal bioactive fraction in propylthiouracil-induced thyroid toxicity in ratsby modulation of the hypothalamic–pituitary–thyroid and hypothalamic–pituitary–adrenal axes. **Toxicology Reports**. 2020 Jan 1;7: 730-42.
- 21. Dr. Patil S, Dr. Palep HS, Funde S, Panchagavya: An Unexplored Pathy in Healthcare, **International Journal of Scientific and Engineering Research**, 2020;18 (2), 804-811.
- 22. Patil S, Palep H S, Funde S, Phalak A, Antipyretic and Analgesic activity of Herbal Formulation: Implications in Managing COVID-19 Fever, International **Journal of Pharmaceutical Sciences and Research**, 2020 Dec; 11(1)1873-1878.



## PRINCIPAL K. M. KUNDNANI COLLEGE OF PHARMACY



(GOVT. AIDED, PCI APPROVED, ACCREDITED BY NBA & AFFILIATED TO UNIVERSITY OF MUMBAI) Plot No. 23, Jote Joy Building, Rambhau Salgaonkar Road, Cuffe Parade, Mumbai-400005.

- 23. Sanaye MM., Zehra S., Development and Validation of Hptlc Method for Identification and Quantification of Ursolic Acid in the Leaves of Alstonia Scholaris, International **Journal of Pharmaceutical Sciences and Research**, 2020 Nov; 11(11),5540-46.
- 24. Gurjar AS, Solanki VS, Meshram AR, Vishwakarma SS. Exploring beta amyloid cleavage enzyme-1 inhibition and neuroprotective role of benzimidazole analogues as anti-Alzheimer agents. **Journal of the Chinese Chemical Society**. 2020 May;67(5):864-73.
- 25. Vishwakarma S, Solanki V, Gurjar A. Evaluating the Role of Diverse Substitutions on Nitrogen-Containing Heterocyclic Scaffold Based on CADD and Biological Studies for Alzheimer's Disease. In Proceedings of **International Conference on Drug Discovery** (ICDD) 2020 Feb 19.
- 26. Hatvate NT, Ghodse SM. One-pot three-component synthesis of isoxazole using ZSM-5 as a heterogeneous catalyst. **Synthetic Communications**. 2020 Dec 1;50(23):3676-83.
- 27. Hatvate NT, Ghodse SM, Mundlod KN, Telvekar VN. Metal-Free Synthesis of Pyrimidinone Derivatives via Biginelli Reaction Using Aqueous NaICl2. Letters in Organic Chemistry. 2020 Aug 1;17(8):613-7.

-----