



## Faculty Publications

### Dr. Chhaya Gadgoli

- Formulation Containing Phytosomes of Crocin-Rich Extract from *Nyctanthes arbor-tristis* and Petroselinic Acid from *Coriandrum sativum* seeds Exhibits Sunscreen and Moisturizing Effects” Volume 2, 2023, Published on: 22 June, 2023, Article ID: e030423215414 Pages: 15, DOI: 10.2174/2666779702666230403111920.
- Jaie Karve , Chhaya Gadgoli, Chemical composition and anti-angiogenic activity of the essential oil from *Blumea eriantha* D.C., *Natural Product Research*, Published Online: 25 Jun 2023.
- Development and validation of HPTLC method for simultaneous estimation of diosgenin, charantin and hydroxychalcone; in *International Journal of Pharmaceutical Quality Assurance* August 2023.
- Exploring the efficacy of panchavalkal extract and Zinc-Copper Bhasma in promoting wound healing in incision and excision wound models in the rat. *J Ethnopharmacol.* 2024 Feb 10;320:117404. doi: 10.1016/j.jep.2023.117404. Epub 2023 Nov 17. PMID: 37979819.
- Evaluation of Wound Healing Potential of Lawsone from *Lawsonia innermis* and its organometallic complexes in rats in *Pharmacological Research - Natural products*.
- Formulation and Bioavailability Studies on Orodispersible Tablets Containing Standardized Extracts of *Glycyrrhiza glabra*, *Curcuma longa* and *Piper nigrum* - in *Pharmacological Research - Natural Products*
- Synthesis of Benzimidazole-2-thione derivatives and evaluation of antimicrobial and anti-inflammatory activity, *Asian Journal of Chemistry*.

### Dr. Sandhya P.

- Simultaneous estimation and Validation of Four antiepileptic drugs from bulk and formulation using reverse HPLC . Sandhya P and Pooja Kole. *Brazilian Journal of Pharmaceutical Sciences* 59, 2023 <https://doi.org/10.1590/s2175-97902023e20692>
- Received a patent for A stable composition of Navayasa churna comprising microencapsulated embelin and process for preparation thereof. Patent app no. 98/MUM/2014. 3. Mentored Final students for the publication of the review article

### Dr. Archana Naik

- Bioavailability and Pharmacokinetic parameters of Formulation containing Secoisolariciresinol Diglucoside (SDG) Polymer rich extract obtained from seeds of *Linum usitatissimum* L." published in *Brazilian Journal of Pharmacognosy* Vol 33, pages 394–401, 2023.
- Formulation containing Phytosomes of Carotenoids from *Nyctanthes arbor-tristis* and *Tagetes patula* protect D-galactose induced skin aging in mice published in *Clinical Complementary Medicine and Pharmacology* Vol 3, Issue 1 , Pg 1-12, 2023
- Evaluation of In Vitro and In Silico Anti-Alzheimer potential of ethanolic extract of *Nyctanthes arbor-tristis* flowers published in *European Chemical Bulletin* 12(Special Issue 4), 1589-1602, 2023.
- Optimization And Characterization Of Ph-Responsive Curcumin Loaded Niosomes For Targeted Drug Delivery In Breast Cancer published in *Latin American Journal of Pharmacy* 42 (3), 1432-1447, 2023
- Development and validation of an analytical method for estimation of drugs published in *BioGecko*, vol 12 (Issue 02 ) pg no 3336-3351, 2023
- Formulation Containing Phytosomes of Crocin Rich Extract from *Nyctanthes arbor-tristis* and Petroselinic Acid from *Coriandrum sativum* seeds Exhibits Sunscreen and Moisturizing Effects published in *Current Cosmetic Science* vol 2,1-10, 2023

- Method development and validation of HPLC-UV Method for estimation of ornidazole in human plasma published in Eur. Chem. Bull. Vol 12(Special Issue 10), 2797 – 2809, 2023.
- Simultaneous Estimation for Diosgenin, Charantin and Hydroxychalcone from Herbal Antidiabetic Formulation using Validated HPTLC Method in International Journal Of Pharmaceutical Quality Assurance Volume 14 Issue 3, pages 612-617, July - September 2023.
- Formulation and Bioavailability Studies on Orodispersible Tablets Containing Standardized Extracts of Glycyrrhiza glabra, Curcuma longa and Piper nigrum Pharmacological Research - Natural Products accepted on 20th march 2024

#### **Ms. Rupali Bhoje**

- Chapter published entitled " Ayurveda's holistic approach towards nephrolithiasis" in Ayurvedic remedies for the kidney diseases by Academic Desipher press, Mumbai; 1st Edition, Sep 2022; Page no. 63-72.

#### **Ms. Leena Chavan**

- Review article on 'REVIEW ON PHYSICAL PENETRATION ENHANCERS FOR TRANSDERMAL DRUG DELIVERY SYSTEM', in IAJPS, Volume : 10, Issue : 08, August – 2023 2.
- Patent on Novel Cold shaking Incubator with Digital control, Design no – 6296019, grant date 16th August 2023. 3. Patent on Efinaconazole in Bandage drug delivery, Application no – 202321037254 Grant date 28th July 2023.

#### **Mrs. Priyanka Kalamkar**

- Novel biomarkers for detection of nephrotoxicity' in Journal of renal injury prevention, 2024, 13(3)

#### **Dr. Purnima V.**

- Evaluation of Wound Healing Potential of Lawsone from *Lawsonia innermis* and its organometallic complexes in rats in Pharmacological Research - Natural products

#### **Dr. Ojaswi Ghadage**

- Book chapter on Molecular Docking studies for Repurposing NSAIDs and Anthelmintic Compounds as potential B-Raf inhibitors, in Research in Academics, Volume 1, ACADEMIC DECIPHER PRESS, July-August 2023.

#### **Ms. Sohani Solanke**

- Assimilating Patrimonial Abortifacient Papain in the Form of Enteric Coated Tablet; International Journal of Pharmaceutical Research and Applications. Volume 8, Issue 3 May-June 2023, pp: 374-385.
- A comprehensive review on essential oils for depression management; Journal of Pharmacognosy and Phytochemistry, Journal of Pharmacognosy and Phytochemistry 2024; 13(2): 60-70.
- Deciphering insulin resistance through molecular docking, of short chain fatty acid docking with associated receptors; International journal of pharmaceutical research and applications; Vol. 9, issue 2; Page number: 430-451.
- Effects of Insulin Resistance on Different Organs; EAS Journal of Pharmacy and Pharmacology; 2024. Vol.6, issue-2; Page number: 60-76.