



Faculty Publications January 2023 – September 2023

Sr. No.	Name of Author	Publication Details	IF	Affiliated Institute
1	Fernandes T; Patel V; Aranha C; Velhal S; Momin Munira; Mulikutkar M Sawarkar Sujata	pH-triggered polymeric nanoparticles in gel for preventing vaginal transmission of HIV and unintended pregnancy <i>European Journal of Pharmaceutics & Biopharmaceutics</i> 2023, 191, 219-234	5.589	Viral Immunopathogenesis Laboratory, ICMR-National Institute for Research in Reproductive and Child Health (NIRRCH), Mumbai, India. Electronic address: patelv@nirrh.res.in. ³ Molecular Immunology and Microbiology, ICMR-National Institute for Research in Reproductive and Child Health (NIRRCH), Mumbai, India.
2	Bhaskaran Navya; Jitta S; Kumar L; Sharma P; Kulkarni O; Hari G; Gourishetti K; Verma R; Birangal S & Bhaskar K.	Folic acid-chitosan functionalized polymeric nanocarriers to treat colon cancer. <i>International Journal of Biological Macromolecules</i> . 2023 Oct 4:127142.	8.2	Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Manipal, Udupi, Karnataka, India; Department of Pharmacy, Birla Institute of Technology and Science - Pilani, Hyderabad campus, India. Biotherapeutics Laboratory, Department of Pathology, Microbiology and Immunology, University of South Carolina School of Medicine, Columbia, SC, USA.
3	Mehrotra S; Salwa; B G Kalyan; Bhaskaran Navya; Reddy J and Kumar L	Nose-to-Brain delivery of antiretroviral drug loaded lipidic nanocarriers to purge HIV reservoirs in CNS: A safer approach. <i>Journal of Drug Delivery Science and Technology</i> . 2023, 7, 104833	5.0	Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal Academy of Higher Education, Manipal, 576 104, Udupi, Karnataka, India Department of Pharmaceutics, National Institute of Pharmaceutical Education and Research, Hajipur, 844 102, Bihar, India
4	Golatkar V & Bhatt Lokesh	mAKAP β signalosome: A potential target for cardiac hypertrophy. <i>Cellular Signalling</i> . 2023, 84(6):1072-1084	3.8	Calhoun Center for Cardiology, Cardiac Signal Transduction and Cellular Biology Laboratory,



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				University of Connecticut Health Center, Farmington, CT, USA Departments of Ophthalmology and Medicine, Stanford Cardiovascular Institute, Stanford University, Palo Alto, CA, USA
5	Harugade A; Sherje Atul & Pethe A	Chitosan: A review on properties, biological activities and recent progress in biomedical applications <i>Reactive and Functional Polymers</i> , 2023, 191, 105634	4.966	Datta Meghe College of Pharmacy, Datta Meghe Institute of Higher Education and Research (Deemed-to-be University), Sawangi (Meghe), Wardha 442 001, Maharashtra, India
6	Suvarna Vasanti; Sawant N & Desai N	Curcumin-conjugated Nanoparticles: An Approach to Target Mitochondria <i>The Natural Products Journal</i> 2023, 14(1), e 150523216927	-	C.U .Shah College of Pharmacy, SNDT Women's University, Santacruz (W), Mumbai: 400049
7	Nimbalkar Y; Gharat Sankalp ; Tanna V; Nikam V; Nabar S & Sawarkar Sujata	Modification and functionalization of polymers for targeting to bone cancer and bone regeneration <i>Critical Reviews in Biomedical Engineering</i> June 2023, 51(3), 21-58	Scopus based	Department of Pharmacology, STES's Smt. Kashibai Navale College of Pharmacy, Kondhwa, S.P. Pune University, Pune 411048, India. Radiation Medicine Centre, Tata Memorial Hospital, Parel, Mumbai, India.
8	Bhavsar C; Joshi R; Fernandes T; Chandramouleeswaran S; Khan Tabassum ; Abdulrahiman Hassan P; Momin Munira & Ningthoujam R	Glutathione-Capped Hollow Silver Nanoparticles: Optimization of Surface Plasmon Resonance, Photothermal Effect, and In Vitro and In Vivo Biocompatibility <i>ACS Applied Nano Materials</i> May 2023	0	Chemistry Division, Bhabha Atomic Research Centre, Mumbai 400085, India School of Biomedical Sciences, Faculty of Medicine, The University of Queensland, Brisbane, Queensland 4067, Australia



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9	Dangre P; Korekar P; Borkar Maheshkumar ; Chaturvedi K; Borikar S; Pethe A	Tailoring Deep Eutectic Solvents to Provoke Solubility and Bioavailability of Naringin Implication of Computational Approach ACS Omega 2023, 8, 12820-12829	4.132	Department of Pharmaceutics, Datta Meghe College of Pharmacy, DMIHER (DU), Wardha 442001, Maharashtra, India Department of Pharmaceutical Quality Assurance, R C Patel Institute of Pharmaceutical Education and Research, Shirpur 425405, Maharashtra, India Department of Pharmaceutical Quality Assurance, R C Patel Institute of Pharmaceutical Education and Research, Shirpur 425405, Maharashtra, India Arnold and Marie Schwartz College of Pharmacy and Health Sciences, Long Island University, Brooklyn, New York 11201, United State Department of Pharmacology, Rajarshi Shahu College of Pharmacy, Buldana 443001, Maharashtra, India
10	Mehta K, Khambete M, Abhyankar A , Omri A	Anti-Tuberculosis Mur Inhibitors: Structural Insights and the Way Ahead for Development of Novel Agents Pharmaceuticals . 2023, 16(3):377	5.215	Department of Chemistry and Biochemistry, Laurentian University, Sudbury, ON P3E 2C6, Canada.
11	Dangre P; Borase H; Gunde M; Pethe A & Borkar Maheshkumar	Deep eutectic solvents: fundamental aspect, characterizations and applications Recent Advances in Drug Delivery and Formulation 2023, 17(1), 3-12	-	Department of Pharmaceutics, Datta Meghe College of Pharmacy, DMIHER (DU), Wardha, 442 001, Maharashtra, India. Department of Pharmaceutical Quality Assurance, R. C. Patel Institute of Pharmaceutical Education and Research, Shirpur, 425 405, Maharashtra, India. Department of Pharmacognosy, Datta Meghe College of Pharmacy, DMIHER (DU), Wardha, 442 001, Maharashtra, India.
12	Momin Munira & Shaikh D	Analytical method development for simultaneous estimation of ciprofloxacin hcl and olopatadine hcl in bulk drug and formulation by rp-hplc method	-	Department of Quality Assurance, Srinath College of Pharmacy, Bajaj Nagar, MIDC Waluj, Aurangabad – 431 136, Maharashtra, India



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		<i>Indian Drugs</i> 2023, 60(1), 50-60		
13	Parab A, Bhatt Lokesh & Omri A	Targeting Epigenetic Mechanisms: A Boon for Cancer Immunotherapy. <i>Biomedicines</i> . 2023,9;11(1):169.	4.757	The Novel Drug & Vaccine Delivery Systems Facility, Department of Chemistry and Biochemistry, Laurentian University, Sudbury, ON P3E2C6, Canada.