



# University of Central Punjab, Lahore

## Faculty of Pharmaceutical Sciences (FOPS) - 2024

### ▪ Journal Publications (January-December, 2024)

Sr. No.	Faculty Member's Name	Publication Title	Journal	Category	Impact Factor	Year
1	Dr. Huma Hameed, Dr Muhammad Zaman, Dr Imtiaz Majeed & Muhammad Nadeem Alvi	Unlocking the Power of Antioxidant Nanoparticles: Insights into Classification, Formulation, Characterization, and Biomedical Applications	BioNanoScience	X	3	2024
2	Dr. Huma Hameed	Bioengineered exosomes: Cellular membrane-camouflaged biomimetic nanocarriers for Parkinson's disease management	European Journal of Pharmacology	W	4.2	2024

3	Dr. Huma Hameed	The role of chondroitin sulphate as a potential biomaterial for hepatic tissue regeneration: A comprehensive review	International Journal of Biological Macromolecules	W	7.7	2024
4	Dr. Huma Hameed	Computational exploration of acefylline derivatives as MAO-B inhibitors for Parkinson's disease: insights from molecular docking, DFT, ADMET, and molecular dynamics approaches	Frontiers in Chemistry	W	3.8	2024
5	Dr. Huma Hameed, Dr Mahtab Ahmad Khan & Dr Muhammad Asad Saeed	An updated landscape on nanopharmaceutical delivery for mitigation of colon cancer	Naunyn-Schmiedeberg's Archives of Pharmacology	W	3.1	2024
6	Dr. Huma Hameed	Updated insights of active cosmetic ingredients against blue light: In vivo and in vitro evidence	Journal of Drug Delivery Science and Technology	W	4.5	2024
7	Dr. Huma Hameed, Dr Hafiz Shoaib Sarwar & Dr Muhammad Jamshaid	Exploring the potential of nanomedicine for gene therapy across the physicochemical and cellular barriers	Functional and Integrative Genomics	X	3.9	2024
8	Dr. Huma Hameed	A comprehensive review on lipid-based nanoparticles via nose to brain targeting as a novel approach	Journal of Microencapsulation	X	3	2024

9	Dr. Huma Hameed	Mentha aquatica (Water Mint) as a Source of Active Pharmaceutical and Cosmetic Ingredients: A Critical Review	Phytotherapy Research	W	6.1	2024
10	Dr. Huma Hameed	Revolutionizing cancer treatment via bioengineered extracellular vesicles: Exploring nanovesicles to fully synthetic solutions	Applied Materials Today	W	7.2	2024
11	Dr. Huma Hameed	Liposomes like advanced drug carriers: from fundamentals to pharmaceutical applications	Journal of Microencapsulation	W	3	2024
12	Dr. Huma Hameed	Comprehensive insights on treatment modalities with conventional and herbal drugs for the treatment of duodenal ulcers	Naunyn-Schmiedeberg's Archives of Pharmacology	W	3.1	2024
13	Dr. Huma Hameed	Nanoparticle-based Gene Therapy for Neurodegenerative Disorders	Mini-Reviews in Medicinal Chemistry	W	3.3	2024
14	Dr. Huma Hameed	Buccal films: an assessment of protuberant features, manufacturing contemplations, formulation techniques & characterization strictures	International Journal of Polymeric Materials and Polymeric Biomaterials	X	2.5	2024

15	Dr. Huma Hameed, Dr Muhammad Zaman, Dr Hafiz Shoaib Sarwar & Dr Imtiaz Majeed	Niosome-based gels: a smart nano-carrier for effective and advanced transdermal drug delivery	International Journal of Polymeric Materials and Polymeric Biomaterials	X	2.5	2024
16	Dr. Huma Hameed & Dr Mahtab Ahmad Khan	Chitin: A versatile biopolymer-based functional therapy for cartilage regeneration	International Journal of Biological Macromolecules	W	7.7	2024
17	Dr. Huma Hameed, Dr Hafiz Shoaib Sarwar & Dr Muhammad Jamshaid	A Comprehensive Review of Hydrogel-Based Drug Delivery Systems: Classification, Properties, Recent Trends, and Applications	AAPS PharmSciTech	W	3.4	2024
18	Dr. Huma Hameed	Ethosomes: a potential nanovesicular carrier to enhancing the drug delivery against skin barriers	Journal of Microencapsulation	W	3	2024
19	Dr. Huma Hameed	Evaluation of Plant-Based Silver Nanoparticles for Antioxidant Activity and Promising Wound-Healing Applications	ACS Omega	W	3.7	2024

20	Dr Muhammd Zaman, Dr Mahtab Ahmad Khan, Dr. Huma Hameed & Dr Muhammad Shafiq Ur Rehman	Preparation and Evaluation of a Self-Emulsifying Drug Delivery System for Improving the Solubility and Permeability of Ticagrelor	ACS Omega	W	3.7	2024
21	Dr Muhammad Zaman & Dr. Huma Hameed	DMARDS incorporated injectable hydrogels in cartilage tissue regeneration: a review	Polymer-Plastics Technology and Materials	Y	2.6	2024
22	Dr. Huma Hameed	A comprehensive review on transthesosomes as a novel vesicular approach for drug delivery through transdermal route	Journal of Liposome Research	W	4.4	2024
23	Dr. Ghulam Jilany	Extracellular vesicle-derived miR-146a as a novel crosstalk mechanism for high-fat induced atherosclerosis by targeting SMAD4	Journal of Advanced Research	W	11.4	2024
24	Dr. Ghulam Jilany	Thymus as incontrovertible target of immune modulatory future therapeutics	Endocrine, Metabolic & Immune Disorders - Drug Targets	X	2	2024
25	Dr. Ghulam Jilany	Exploring the molecular mechanism of Artemisia rupestris L. for the treatment of hepatocellular carcinoma via PI3K/AKT pathway	Journal of Ethnopharmacology	W	4.8	2024

26	Dr. Ghulam Jilany	Non-Muscle Myosin IIC as a Prognostic and Therapeutic Target in Cancer	Journal of Biomedical Nanotechnology	X	Non-Impact Factor	2024
27	Dr. Ghulam Jilany	Targeted intervention of natural medicinal active ingredients and traditional Chinese medicine on epigenetic modification: possible strategies for prevention and treatment of atherosclerosis	Phytomedicine	W	6.7	2024
28	Dr. Ghulam Jilany	Effects of Curcuma Longa L. and Piper Nigrum L. against Methicillin resistant Staphylococcus Aureus and infectious angiogenesis	Journal of Biobased Materials and Bioenergy	Y	Non-Impact Factor	2024
29	Dr. Ghulam Jilany	The potential mechanism of Isodon suzhouensis against COVID-19 via EGFR/TLR4 Pathway	Food Science and Human Wellness	W	5.6	2024
30	Dr Muhammad Zaman, Dr Shafiq Ur Rehman & Dr Imtiaz Majeed	Navigating the tumor microenvironment: mesenchymal stem cell-mediated delivery of anticancer agents	Journal of Drug Targeting	W	4.3	2024
31	Dr Muhammad Asad Saeed	Antipyretic, Antidiabetic and Irritant studies on the Methanolic Extracts and Polyherbal Mixture of Breynia disticha J.R. Forst. and G. Forst. and Vernonia elaeagnifolia DC	Research Journal of Pharmacy and Technology	Y	Non-Impact Factor	2024

32	Dr Muhammad Zaman & Dr Muhammad Asad Saeed	Design, optimization & characterization of niosomal & polymeric nanoparticles	International Journal of Polymeric Materials and Polymeric Biomaterials	X	2.5	2024
33	Dr Hafiz Shoaib Sarwar & Dr Muhammad Asad Saeed	THERMOSENSITIVE SOL-GEL SYSTEM CONTAINING VANCOMYCINLOADED THIOMERIC NANOPARTICLES FOR ENHANCED PERMEATION ACROSS NASAL MEMBRANE	Cellulose Chemistry and Technology	X	1.3	2024
34	Dr Muhammad Asad Saeed & Dr Muhammad Zaman	High-performance liquid chromatography-based analytical techniques for simultaneous determination of Naltrexone hydrochloride (NTX) and Bupropion hydrochloride (BUP): a comprehensive review	Discover Applied Sciences	Non-Recognized	Non-Impact Factor	2024
35	Dr Muhammad Asad Saeed, Dr Muhammad Zaman & Dr Mahtab Ahmad Khan	Physicochemical Evaluation and Pharmacological Screening of Fernando Adenophylla Steenis Fruits	Chemistry & Biodiversity	X	2.3	2024

36	Dr Muhammad Zaman, Dr Mahtab Ahmad Khan & Dr Muhammad Jamshaid	Antiacne Gel Containing Aloe vera and Clindamycin Phosphate: Design, Characterization, and Optimization Using Response Surface Methodology	International Journal of Polymer Science	X	3.4	2024
37	Waqas Akram & Dr Mahtab Ahmad Khan	Comparison of EKFC, Pakistani CKD-EPI and 2021 Race-Free CKD-EPI creatinine equations in South Asian CKD population: A study from Pakistani CKD community cohort	PLoS ONE	W	2.9	2024
38	Dr Muhammad Jamshaid	Synthesis of vitamin D3 loaded ethosomes gel to cure chronic immune-mediated inflammatory skin disease: physical characterization, in vitro and ex vivo studies	Scientific Reports	W	3.8	2024
39	Tehseen Riaz & Dr Muhammad Zaman	Recent advancements and various potential applications of transdermal patches	International Journal of Polymeric Materials and Polymeric Biomaterials	X	2.5	2024
40	Dr Muhammad Zaman & Dr Muhammad Nadeem Alvi	Response Surface Methodology (RSM) approach to formulate and optimize the bilayer combination tablet of Tamsulosin and Finasteride	Saudi Pharmaceutical Journal	W	3	2024



41	Tehseen Riaz, Dr Muhammad Zaman & Dr Muhammad Imtiaz Majeed	A comprehensive review on transdermal patches as an efficient approach for the delivery of drug	Polymer-Plastics Technology and Materials	Y	2.6	2024
42	Dr Muhammad Zaman	Novel insulin-montmorillonite sodium complex containing pH regulated nanocomposite hydrogels	Journal of Drug Delivery Science and Technology	W	4.5	2024
43	Dr Muhammad Shafeeq Ur Rehman	Development and characterization of stimuli responsive quince gum/ $\beta$ -CD grafted poly (methacrylate) hydrogels for controlled delivery of acyclovir	Polymer Bulletin	X	3.1	2024
44	Dr Muhammad Zaman, Dr Hafiz Shoaib Sarwar & Dr Muhammad Jamshaid	Vesicular approach of cubosomes, its components, preparation techniques, evaluation and their appraisal for targeting cancer cells	Journal of Liposome Research	W	4.4	2024
45	Dr Hafiz Shoaib Sarwar	Solid Self-Nanoemulsifying Drug Delivery Systems of Furosemide: In Vivo Proof of Concept for Enhanced Predictable Therapeutic Response	Pharmaceuticals	W	4.3	2024
46	Dr Hafiz Shoaib Sarwar	Revolutionizing Hypertension Management: Cutting-Edge Microneedle Patch Infused with Zinc Oxide Nanoparticles for Advanced Transdermal Drug Delivery	BioNanoScience	X	3	2024

47	Dr Hafiz Shoaib Sarwar & Dr Muhammad Umar Farooq	Cholic Acid-Grafted Thiolated Chitosan-Enveloped Nanoliposomes for Enhanced Oral Bioavailability of Azathioprine: In Vitro and In Vivo Evaluation	ACS Omega	W	3.7	2024
48	Dr Hafiz Shoaib Sarwar & Dr Muhammad Zaman	Macrophage targeted nanocarriers containing methotrexate against arthritis	Journal of Drug Delivery Science and Technology	W	4.5	2024
49	Dr Muhammad Umar Farooq	Waking up to the Naegleria threat: urgent measures needed to protect public health in Pakistan	Expert Review of Anti-Infective Therapy	W	4.2	2024
50	Dr Waqas Akram, Dr Mahtab Ahmad Khan & Dr Muhammad Nadeem Alvi	Comparison of Pakistani CKD-EPI, new Asian-modified CKD-EPI and revised Lund–Malmö study equations in a South Asian CKD population: a study from a Pakistani CKD cohort	Journal of Nephrology	W	2.7	2024

## ▪ Conference & Miscellaneous Publications

Sr. No.	Faculty Member's Name	Paper Title/ Book Chapter	Conference Title/Book	Year
1	Muhammad Usama Munir	Unraveling the Complexity of the Skin Microbiome: Advancing Research Through Optimal Biological Models	Human Microbiome (Book Chapter)	2024