

DR. SAMI ULLAH

CURRENT POSITION

Assistant Professor, Department of Pharmacy, University of Peshawar, Khyber Pakhtunkhwa, Pakistan.

CONTACT INFORMATION

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ACADEMIC RECORD

- **Doctor of Philosophy (Ph.D.)**
Research Topic: Development and Comparative Evaluation of Controlled Release Tablets Vs Conventional Tablets of Olanzapine and Prochlorperazine for Clinical Safety and Therapeutic Efficacy
Department of Pharmacy, University of Peshawar.
CGPA: 3.7; (2014)
- **Master of Philosophy (M.Phil)**
Research Topic: Bioequivalence Studies of Azithromycin Capsules and Clarithromycin Tablets
Department of Pharmacy, University of Peshawar.
CGPA: 3.7; (2009)
- **Doctor of Pharmacy (Pharm.D.)**
Department of Pharmacy, University of Peshawar.
Passed with 1st Division, (2006).
- **F. Sc. (Pre-Medical)**
BISE Peshawar; securing 1st Division & Grade “A” (2000).
- **SSC (Science Group)**
BISE Peshawar; securing 1st Division & Grade “A” (1998).

PROFESSIONAL/TEACHING EXPERIENCE

- Professional Experience in academics, research and administration more than **19 Years**.
- From October, 2015 till date, **Assistant Professor** at the Department of Pharmacy, University of Peshawar
- From Jan, 2007 to Oct, 2015, **Lecturer** at the Department of Pharmacy, University of Peshawar
- **PROFESSIONAL TRAINING**

S#	Name of Institution	Type of Training	Period
			From to
1	Medicraft Pharmaceuticals (Pvt.) Ltd.	As internship trainee (Pharmaceuticals productions and quality assurance).	02.12.2004 To 18.01.2005
2	IRNUM Hospital, Peshawar.	As internship trainee (Radiopharmaceuticals preparation and administrations).	25.08.2005 To 08.10.2005
3	Khyber Teaching Hospital, Peshawar.	As internship trainee (Clinical Pharmacy Clerkship)	05.06.2006 To 08.09.2006
4	Centralized Resource Lab., University of Peshawar.	Theoretical & working understanding of various analytical instruments.	15.06.2009 To 20.06.2009

ACADEMIC POSITIONS/INVOLVEMENTS

- Teaching the subject of Pharmacology-II to the students of 3rd Prof., Pharm.D
- Supervising the projects related to “Clinical Pharmacology” to the students of Final Prof. Pharm.D.
- Previously, teaching the subject of “Clinical Pharmacy” to the students of Final Prof. Pharm.D.
- Supervision/co-supervision of M.Phil/Ph.D scholars.
- Designing M.Phil/Ph.D courses.

POST-GRADUATE SUPERVISION

- HEC, Pakistan Approved PhD Supervisor
- Successfully supervised to completion of their PhD degree...**04**
- Successfully supervised to completion of their M.Phil degree...**12**
- PhD Supervision: 05 students (in progress)
- MPhil/ MPhil leading to PhD Supervision: 03 scholars (in-progress).

ADMINISTRATIVE & PROFESSIONAL EXPERIENCES

- Active Team Leader and Member of the committee working for accreditation renewal of the department of Pharmacy, by the Pakistan Pharmacy Council, Pakistan.
- Establishment of instrumental analytical lab for undergraduate Pharm.D Students at the department of Pharmacy.
- Member of the Purchase Committee of the Department.
- Member of the Structural Maintenance Committee of the department.
- Member of the Semester Preparatory Committee for Pharm.D Courses at the Department of Pharmacy.
- Member of “Security/Vigilance Committee” of the Department.
- Member of “Admission Committee” of the Department.
- Convener of “Examination and Promotion Committee” of the Department.
- Convener of the committee for setting academic calendar and time-table of the Department.
- Organizing seminars on topics related to Pharmacy and Co-Curriculum activities.
- Hands-on working expertise to run analytical instruments including HPLC and Spectrophotometer.
- Working Experience to conduct clinical trials for pharmacokinetics and bioequivalence studies.
- Working experience in hospitals as clinical pharmacist.
- Can conduct behavioral experiments on animal’s models.
- Working experience in pharmaceutical industry as production and analytical pharmacist.

RESEARCH PROJECT SUPERVISED TO SUCCESSFUL COMPLETION

PhD Research Projects

1. ASSESSMENT OF PREVAILING TREATMENT PRACTICES FOR THERAPEUTIC EFFICACY AND DRUG RELATED PROBLEMS IN PSYCHIATRIC PATIENTS WITH SUICIDAL BEHAVIOR.
2. PRECLINICAL EVALUATION FOR CARDIOPROTECTIVE AND ANTIHYPERTENSIVE EFFECTS OF NEWLY SYNTHESIZED SUCCINIMIDE DERIVATIVES.
3. THERAPEUTIC EFFICACY AND CLINICAL SAFETY OF GRANULOCYTE COLONY STIMULATING FACTOR (GCSF) AND SELECTED ANTIMICROBIALS IN FEBRILE NEUTROPENIC CANCER PATIENTS.
4. TOXICOLOGICAL AND PRECLINICAL EVALUATION OF DIHYDROPYRAZOLE DERIVATIVES FOR THE MANAGEMENT OF INFLAMMATION AND NEUROPATHIC PAIN

M.Phil Research Projects

1. ASSESSMENT OF TOCILIZUMAB (HUMANIZED MONOCLONAL ANTIBODY) FOR THERAPEUTIC EFFICACY AND CLINICAL SAFETY IN PATIENTS WITH CORONAVIRUS DISEASE (COVID-19)

2. CLINICAL INVESTIGATION ON THE IMPACT OF CANNABIS ABUSE ON THYROID HORMONES AND ASSOCIATED PSYCHIATRIC MANIFESTATIONS IN LOCAL POPULATION OF KHYBER PAKHTUN KHWA, PAKISTAN.
3. CLINICAL AND PSYCHOLOGICAL DETERMINANTS IN CORRELATION WITH THE SEVERITY OF COVID-19 HOSPITALIZED PATIENTS
4. GENETIC STUDY OF INTELLECTUAL DISABILITY WITH PSYCHOSIS USING WHOLE EXOME SEQUENCING ANALYSIS IN MULTIPLEX PAKISTANI FAMILIES
5. GENETIC STUDY OF INTELLECTUAL DISABILITY USING WHOLE EXOME SEQUENCING ANALYSIS IN MULTIPLEX PAKISTANI FAMILIES
6. PRECLINICAL EVALUATION OF ETHYL - 6 (4'- METHOXY PHENYL)- 2 - OXO - 4 - PHENYLCYCLOHEX- 3 - ENE - CARBOXYLATE FOR DIABETOGENIC POTENTIAL AND SAFETY PROFILE ON SELECTED BODY ORGANS.
7. TOXICOLOGICAL EVALUATION OF NOVEL CYCLOHEXENONE DERIVATIVE IN ANIMAL MODEL THROUGH HISTOPATHOLOGICAL AND BIOCHEMICAL TECHNIQUES
8. ASSESSMENT OF RIVAROXABAN VS. ENOXAPARIN FOR THERAPEUTIC EFFICACY AND CLINICAL SAFETY IN RENALLY COMPROMISED CANCER PATIENTS.
9. PRECLINICAL EVALUATION OF SELECTED CHALCONES FOR ANALGESIC, ANTIPYRETIC AND ANTI-INFLAMMATORY ACTIVITIES.

CONFERENCES/WORKSHOPS/SEMINARS ORGANIZED AND/OR ATTENDED

- **Workshop: Capacity Building of Faculty Members of Pharmacy Institutions 2017**, dated July 05 to 08, 2017, organized by the **Department of Pharmacy, University of Peshawar**, at Baragali Summer Campus, University of Peshawar.
- **Workshop: Pharmacy Curriculum Review Workshop**, dated August 4 & 5, 2009, organized by the **Department of Pharmacy, University of Peshawar**, at Baragali Summer Campus, University of Peshawar.
- **Workshop: One Day workshop on “HVAC & Validation”** November, 2009, organized by **Pakistan Pharmacists Association NWFP**; at Department of Pharmacy, University of Peshawar.
- **Workshop: National Pharmacy Workshop 2007**, dated August 27 to 31, 2007, organized by the **Department of Pharmacy, University of Peshawar**, at Baragali Summer Campus, University of Peshawar.
- **Workshop: Theoretical & working understanding of various analytical instruments.** Dated 15.06.2009 to 20.06.2009, Organized by the Centralized Resource Lab., University of Peshawar.

Collaboration in Research Projects

- **Project # 1**
HEC/NRPU Project number 6671 completed (2017-2020), Title: Novel Targeted heterocyclic compound(S) Beta-hydroxy Ketone derivatives: Potential candidates for alzheimer's Disease. Amount: 5.8 millions.

➤ **Project # 2**

HEC/NRPU Project number: 20-98/NRPU/R&D/HEC/2021 Title: Efficacy assessment of topical formulation (10% gel/cream) of small flavonoid derivative (s), gabapentin and ketamine in diabetes induced vulvodynia (VD)- Behavioral and Molecular Approach

International Collaboration in Research Projects

Have research collaboration with multiple researchers at various Universities in the following countries.

1. Saudi Arabia
2. Malaysia
3. Canada
4. USA
5. Brazil

RESEARCH PUBLICATIONS (Dr. SAMIULLAH)

➤ **Total Number of Research Articles = 45**

➤ **Total Impact Factor = 115**

S #	Title of Research Paper	Name Of Journal & ISSN Number	Volume & Page Number	I.F/HEC Recognition /Category	Yr of Pub	Principal or Co-Author
1.	Evaluation of efficacy of GCSF in reducing neutropenia among carcinoma patients undergoing anti-cancer chemotherapy. A prospective cohort study	PLOS-ONE ISSN: 1932-6203	https://doi.org/10.1371/journal.pone.0315435	Catg = W IF= 2.9	2025	Co-Author
2.	Ion-Exchange Resin/Carrageenan-Copper-Based Nanocomposite: Artificial Neural Network, Advanced Thermodynamic Profiling, and Anticoagulant Studies	ACS Omega ISSN = 2470-1343	https://doi.org/10.1021/acsomega.4c01540	Catg = W I.F= 3.51	2024	Co-Author
3.	Involvement of the Opioidergic Mechanism in the Analgesic Potential of a Novel Indazolone Derivative: Efficacy in the Management of Pain, Neuropathy, and Inflammation Using In Vivo and In Silico Approaches	ACS Omega ISSN = 2470-1343	https://doi.org/10.1021/acsomega.3c01717	Catg = W I.F= 3.51	2023	Co-Author
4.	Screening of Rhamnus Purpurea (Edgew.) Leaves for Antimicrobial, Antioxidant, and Cytotoxic Potential	ACS Omega ISSN = 2470-1343	https://doi.org/10.1021/acsomega.2c03094	Catg = W I.F= 3.51	2022	Coauthor
5.	Cassia artemisioides attenuates nociceptive and diabetes-induced neuropathic pain modalities apropos antioxidant and anti-inflammatory mechanisms	Biomedicine and Pharmacotherapy ISSN= 0753-3322	doi: https://doi.org/10.1016/j.biopha.2022.112834 Volume 149, page 1-12	Catg = W I.F= 6.529	2022	Coauthor

6.	Selected Thiadiazine-Thione Derivatives Attenuate Neuroinflammation in Chronic Constriction Injury Induced Neuropathy	Frontiers in Molecular Neuroscience ISSN= 1662-5099	doi: 10.3389/fnmol.2021.728128 Volume 14, Page 1-19	Catg = W I.F= 4.16	2021	Coauthor
7.	Determination of Voriconazole in Human Plasma Using RP-HPLC/UV-VIS Detection: Method Development and Validation; Subsequently Evaluation of Voriconazole Pharmacokinetic Profile in Pakistani Healthy Male Volunteers	Journal of Chromatographic Science ISSN= 0021-9665, 1945-239X	https://doi.org/10.1093/chromsci/bmab108	Catg = W I.F= 1.6	2021	Coauthor
8.	Diagnostic Performance and appropriate Cut-Offs of Different Anthropometric Indicators for Detecting Children with Overweight and Obesity	BioMed Research International ISSN= 2314-6141, 2314-6133	https://doi.org/10.1155/2021/1608760	Catg = W IF=3.41	2021	Co-Author
9.	Association of HLA-B Gene Polymorphisms with Type 2 Diabetes in Pashtun Ethnic Population of Khyber Pakhtunkhwa, Pakistan	Journal of Diabetes Research ISSN=2314-6745, 2314-6753	https://doi.org/10.1155/2021/6669731	Catg = W IF= 4.1	2021	Co-Author
10	Effect of fresh pomegranate juice on the pharmacokinetic profile of artemether: An open-label, randomized, 2- period crossover study in healthy human volunteers	Journal of Pharmaceutical and Biomedical Analysis ISSN=0731-7085, 1873-264X	Vol 203 Pages 1-7	Catg = W I.F= 3.2	2021	Coauthor
11	Biosynthesized silver nanoparticles from shoot and seed extracts of <i>Asphodelus tenuifolius</i> for heavy metal sensing	ScienceAsia ISSN: 1513-1874	Vol: 46 Pages: 697-705	Catg = W I.F=0.61	2020	Co-author
12	Spectrophotometric Estimation of Iron (III) in Iron Polysaccharide Complex Capsule Formulation and Accelerated Stability	Journal of Chemical Society of Pakistan ISSN: 0253-5106	Volume 42, JCSP-141218-12070	Catg = W I.F= 0.32	2019	Co-author
13	Drug-food interactions of commonly available juices of Pakistan	Pakistan Journal Pharmaceutical Science ISSN: 1011-601X	Vol.32, No.5, September 2019, pp.2189-2196 2191	Catg = W I.F = 0.68	2019	Co-author
14	Metabolic dysregulation in early onset psychiatric disorder before and after exposure to antipsychotic drugs	Brazilian Journal of Pharmaceutical Sciences ISSN = 1984-8250	http://dx.doi.org/10.1590/s2175-97902019000117825	Catg = W I.F = 0.49	2019	Co-author
15	Comparative evaluation of pancreatic histopathology of rats treated with olanzapine, risperidone and streptozocin	Brazilian Journal of Pharmaceutical Sciences ISSN = 1984-8250	http://dx.doi.org/10.1590/s2175-97902018000317669	Catg = W I.F = 0.49	2018	Co-author

16	Characterization of 6-Methoxyflavanone As A Novel Anxiolytic Agent: A Behavioral And Pharmacokinetic Approach.	European Journal of Pharmacology ISSN: 0014-2999	Vol 801 , Pages 19-27	Catg = W I.F = 4.43	2017	Co-author
17	Neuroprotective Effect of Bacopa Monniera Against Morphine Induced Histopathological Changes In The Cerebellum of Rats.	Pakistan Journal of Pharmaceutical Sciences ISSN: 1011-601X	Vol.30 Pages 2067-2074	Catg = W I.F = 0.68	2017	Co-author
18	Synthesis, Characterization and Assessment of Lapachol as Metal Nanoparticles for Selected Biological Activities.	Sarhad Journal of Agriculture ISSN 1016-4383	Vol.33, Pages 338-343	HEC Recognized X-Catg.	2017	Co-author
19	Olanzapine Induced Biochemical and Histopathological Changes After Its Chronic Administration in Rats.	Saudi Pharmaceutical Journal ISSN: 1319-0164	Vol 24: Pages 698–704	Catg = W I.F=4.33	2016	Co-author
20	Anti-emetic mechanisms of zingiber officinale against cisplatin induced emesis in the pigeon; Behavioral and neurochemical correlates.	BMC Complementary and Alternative Medicine ISSN: 1472-6882	Vol: 15 Pages 1-8	Catg = W I.F=3.65	2015	Co-author
21	Input of Isosteric and Bioisosteric Approach in Drug Design.	Journal of Chemical Society of Pakistan ISSN: 0253-5106	Vol. 36, Pages 150-169	Catg = W I.F= 0.32	2014	Co-author
22	Molecular insights to explore abietane diterpenes as new LOX inhibitors.	Medicinal Chemistry Research ISSN 1054-2523	Vol: 22 Pages 5809–5813	Catg = W I.F=1.96	2013	Co-author
23	Comparative evaluation of gastroduodenal ulcerogenic potential of nitrogen isoforms of salicyl alcohol and aspirin in rats: biochemical and histological study.	Archives of Pharmacal Research ISSN: 0253-6269	Vol 37, Pages 916–92	Catg = W I.F=4.94	2013	Co-author
24	Pistagremic acid a new leishmanicidal triterpene isolated from Pistacia integerrima Stewart.	Journal of Enzyme Inhibition and Medicinal Chemistry ISSN: 1475-6366	Vol 27: Pages 646–648	Catg = W I.F= 5.05	2012	Co-author
25	Effect of Bacopasides on acquisition and expression of morphine tolerance.	Phytomedicine ISSN 0944-7113	Vol 18, Pages 836-842	Catg = W I.F = 6.43	2011	Co-author
26	Absolute configuration of (2S)-4-(4-hydroxyphenyl)butan-2-ol	Acta Crystallographica ISSN: 1600-5368	Vol 67: Pages o952.	Catg = W I.F= 0.91	2011	Co-author

27	Molecular simulations probing Kushecarpin A as a new lipoxygenase inhibitor.	Fitoterapia ISSN: 0367-326X	Vol 82, Pages 1008-1011	Catg = W I.F= 2.88	2011	Co-author
28	Anti-inflammatory activities of Taxusabietane A isolated from Taxus wallichiana Zucc.	Fitoterapia ISSN: 0367-326X	Vol 82, Pages 1003-1007	Catg = W I.F= 2.88	2011	Coauthor
29	Development of Controlled-Release Matrix Tablet of Risperidone: Influence of Methocel®- and Ethocel®-Based Novel Polymeric Blend on In Vitro Drug Release and Bioavailability.	American Association of Pharmaceutical Scientists, PharmSciTech ISSN: 1530-9932	Vol 12, page 525–533	Catg = W I.F= 4.00	2011	Co-author
30	Anti-inflammatory activities of Sieboldogenin from Smilax china Linn.: Experimental and computational studies	Journal of Ethnopharmacology ISSN: 0378-8741	Vol 121, Pages 175-177	Catg = W I.F= 4.36	2009	Co-author
Research Publications as Corresponding Authorship						
31	N -phenyl and N-benzyl substituted succinimides: Preclinical evaluation for their antihypertensive effect and underlying mechanism.	European Journal of Pharmacology ISSN: 1879-0712	https://doi.org/10.1016/j.ejphar.2023.176195	Catg = W I.F= 5	2024	Corresponding Author
32	Design, synthesis and preclinical evaluations of (s)-2-((s)-1-benzyl-2,5-dioxopyrrolidin-3-yl)-3-(4-isopropylphenyl)-2-methylpropanal (succ-5) as cardioprotective, hepatoprotective and lipid lowering molecule. in-vivo and in-silico approaches	Arabian Journal of Chemistry ISSN : 1878-5352	Volume 16, Issue 2 Pages=1-15	Catg = W I.F= 6.21	2023	Corresponding Author
33	Synthesis, Molecular Docking, and Preclinical Evaluation of a New Succinimide Derivative for Cardioprotective, Hepatoprotective and Lipid-Lowering Effects	Molecules ISSN = 1420-3049	https://doi.org/10.3390/molecules27196199	Catg = W I.F = 4.92	2022	Corresponding Author
34	Assessment of Contributing Factors and Treatment Practices for Therapeutic Efficacy and Drug-Related Problems in Suicidal Psychotic Patients	Brain Sciences ISSN = 2076-3425	https://doi.org/10.3390/brainsci12050543 Volume = 12 Pages = 1-18	Catg = W I.F= 3.39	2022	Corresponding Author

35	Clinical Investigation on the Impact of Cannabis Abuse on Thyroid Hormones and Associated Psychiatric Manifestations in the Male Population	Frontiers in Psychiatry ISSN= 1664-0640	doi: 10.3389/fpsyt.2021.730388 Volume 12, Page 1-9	Catg = W I.F= 4.16	2021	Corresponding Author
36	Toxicological Evaluation of Novel Cyclohexenone Derivative in an Animal Model through Histopathological and Biochemical Techniques	Toxics ISSN=2305-6304	Volume 9, 119 Page 1-22	Catg = W IF= 4.16	2021	Corresponding Author
37	Comparative Influence Of Suture Materials And Related Risk Factors On The Induction Of Surgical Site Infections In Selected Gynecological Procedures.	Journal of Postgraduate Medical Institute ISSN 1013-5472	Vol 31: Pages 188-95	HEC Recognized Y-Catg.	2017	Corresponding Author
Research Publications as Principal Authorship						
38	Assessment of Tocilizumab (Humanized Monoclonal Antibody) for Therapeutic Efficacy and Clinical Safety in Patients with Coronavirus Disease (COVID-19)	Medicina ISSN = 1648-9144	https://doi.org/10.3390/medicina58081076 58, 1076, Page=1-12	Catg = W I.F = 2.94	2022	Principal Author
39	Comparative Evaluation of CR Tablets Versus Reference Tablets of Olanzapine For Therapeutic Efficacy And Clinical Safety In Schizophrenic Patients.	Latin American Journal of Pharmacy ISSN: 0326-2383	Vol; 37 Pages; 245-53	Catg = W I.F = 0.29	2018	Principal Author
40	Bioequivalence Evaluation of Two Clarithromycin Tablet Formulations: A Randomized, Single-Dose, Open-Label, Two-Treatment Period Cross Over Study In Healthy Male Pakistani Volunteers.	Journal of Postgraduate Medical Institute ISSN: 1013-5472	Vol 31 Pages 176-83	HEC Recognized Y-Catg.	2017	Principal Author
41	Development, in-vitro Characterization and Comparative Pharmacokinetic Evaluation of Novel Controlled Release Matrix Tablets vs. Conventional Tablets of Olanzapine in Healthy Human Volunteers	Journal Of Chemical Society Of Pakistan ISSN: 0253-5106	Vol. 35, Pages 947-954	Catg = W I.F= 0.32	2013	Principal Author
42	Bioequivalence of 2- Azithromycin Capsule Formulations: A Randomized, Single-Dose, Open-Label, 2-Period Crossover Study in Healthy Male Pakistani Volunteers	Current Therapeutic Research ISSN: 0011-393X	Vol 72: Pages 95-108.	Catg = W I.F=1.46	2011	Principal Author

43	MISCELLANEOUS / OTHERS					
44	Strengthening global drug and vaccine safety through AI-driven pharmacovigilance: Myocarditis signals, mRNA vaccine AEFIs, and PV infrastructure assessment	In Silico Research in Biomedicine	Volume 2 , 2026, 100363	ScienceDirect and Elsevier index	2026	Co-author
45	Development of Transferosomes Gel for co-delivery of Clindamycin Metronidazole against Umbilical Cord Infection	International Journal of Pharmacy Innovative Research (IJPIR)	Accepted	HEC, Pak Prov Processing	2025	Co-author
46	Erectile Functioning and Associated Outcomes in Geriatric Patients after Trans-Urethral Resection of Prostate (TURP)	International Journal of Pharmacy Innovative Research (IJPIR)	Accepted	HEC, Pak Prov Processing	2025	Co-author