



Aamir Mushtaq


(Ph.D)


Assistant Professor
(Pharmacology)


Bio Data

Father Name: Muhammad Mushtaq
DOB: 01/07/1987
Religion: Islam
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 Department of Pharmaceutical Sciences, Institute of Chemical Sciences, Government College University, Lahore Pakistan

 Lahore, Pakistan

Hobbies



EXECUTIVE SUMMARY

Over a 12 years' career in teaching Pharmacology at university level. I have played an essential role in research and development through pharmacological, neurobehavioral and toxicological studies. Current focus is to find research projects and also on publication of research data to excel in the field.

RESEARCH EXPERTISE

Neurobehavioral, Dementia and Toxicology involving Biochemical Investigations, Molecular Mechanisms, Enzymology, Histology and Histopathology, *In-vivo* trials on Rodents and Transgenic Animals, Designing Animal Models, Tissue Samplings, Teratogenic Studies, Pharmacokinetic and pharmacodynamics studies etc.

WORK EXPERIENCE/Employment History

- 08-11-2022 to 04-01-2017 • Assistant Professor at Department of Pharmaceutical Sciences, Government College University Lahore Pakistan.
 - Undergraduate Teaching
 - Post-graduation Research
- 07/11/2022 to 01/02/2014 • Associate Professor at Gulab Devi Institute of Pharmacy, Gulab Devi Educational Complex Lahore Pakistan.
 - Taught Physiology to Pharm-D 1st Prof.
 - Developed Basic Medical Sciences Lab
 - Animal House Development
- 03/01/2017 to 17/10/2012 • Assistant Professor at Riphah Institute of Pharmaceutical Sciences, Riphah International University Lahore Pakistan.
 - Taught Pharmacology to Pharm-D 3rd Prof.
 - Developed Basic Medical Sciences Lab.
 - Supervised students in M.Phil Pharmacology
- 14/06/2013 to • Lecturer at Faculty of Pharmacy, The Islamia University of Bahawalpur Pakistan.
 - Taught Physiology to Pharm-D 1st Prof.
 - Taught Pharmacology to Pharm-D 3rd Prof.

ACADEMIC BACKGROUND

- July 2020 • Ph.D in Pharmacy (Pharmacology)
Punjab University College of Pharmacy, University of the Punjab Lahore Pakistan
 - April 2013 • M.Phil in Pharmacology (3.8/4.0 CGPA)
Faculty of Pharmacy, The Islamia University of Bahawalpur
 - Feb 2011 • Pharm-D
College of Pharmacy, University of Sargodha, Sargodha
- Details are given in Annex-1 on Page 3

Languages

- English
- Urdu
- Punjabi

Skills/Techniques

- Toxicity studies on animals
- Alzheimer's models
- Development of animal models
- Animal handlings (Rodents)
- Enzymology
- Histopathology
- Behavioral studies on animals
- HPLC, GCMS, LCMS etc
- Expertise in Stat. & Data management
- Organizational & project management skills
- Strong communication & interpersonal Skills
- Research productivity and academic writing
- Publication of research data

References

▪ Prof. Dr. Qaiser Jabeen

(jabeenqaiser@hotmail.com)
Chairperson Department of Pharmacology, Faculty of Pharmacy IUB Bahawalpur, Pakistan.

▪ Dr. Rukhsana Anwar

(rukhsananaanwar@yahoo.com)
Punjab University College of Pharmacy Lahore, Pakistan.

▪ Dr. Uzma Saleem

(uzma95@gmail.com)
Dep. of Pharmacology, Punjab University College of Pharmacy Lahore, Pakistan.

Publications

Total Research Publications = 38

- 2025 > 01
- 2024 > 05
- 2023 > 04
- 2022 > 01
- 2021 > 02
- 2013-20 > 25

Details are given in Annex-2 on Page 3

Thesis Supervision

Total Supervisions = 01 Undergrad and 16 Postgrad

- 2024 > 01 Ph.D Co-supervision under process
- 2023 > 01 undergrad and 09 Postgrad
- 2015-22 > 07 Postgrad

Details are given in Annex-3 on Page 5

Conferences/Workshops/Seminar/Trainings

Total Conferences/Workshops/Seminars/Trainings = 28

- 2024 > 05
- 2023 > 11
- 2013-22 > 12

Details are given in Annex-4 on Page 6

Administrative/Advisory Services/Community Srvices

- 2024 > Services at Community Pharmacy
- 2023 > Services in departmental development
- 2017-22 > Assistant director Admin/Staff Incharge/Sports Incharge/Admission Incharge

Details are given in Annex-5 on Page 8

Membership

- 2024 > Member of BOS
- 2014 > Pakistan Pharmacist Association.

Details are given in Annex-6 on Page 8

Research papers Reviewed

- 2024 > Reviewed 04 Research Papers of W Category International Journals.
- 2023 > Reviewed 06 Research Papers of W Category International Journals.

Details are given in Annex-7 on Page 9

Postgrad Thesis Evaluation/Viva Voce

- 2024 > Evaluated 08 M.Phil Thesis
- 2023 > Evaluated 02 M.Phil Thesis
- 2022 > Evaluated 03 M.Phil Thesis

Details are given in Annex-8 on Page 9

Undergrad Viva Voce

- 2024 > Conducted 05 Viva Voce Exams.
- 2023 > Conducted 05 Viva Voce Exams.

Details are given in Annex-9 on Page 10

Annexures:

Annex. 1: Details of Academia				
Passing Year	Exam	%age (cgpa)	Subjects	Institution
2020	Ph.D	3.4/4.0	Pharmacology	University of the Punjab Lahore
			Thesis Title: "Pharmacological Evaluation of Some Medicinal Plants for Nootropic Potential" Supervisors: ➤ Dr. Rukhsana Anwar & Prof. Dr. Mobasher Ahmad	
2013	M.Phil	3.83/4.0	Pharmacology	The Islamia University of Bahawalpur
			Thesis Title: "Comparative studies of Hepato-protective effect of some indigenous plants" Supervisors: ➤ Prof. Dr. Mahmood Ahmad & Prof. Dr. Qaiser Jabeen	
2011	Pharm-D	3.40/4.0	Pharmacy	University of Sargodha
2005	F.Sc.	78.36%	Pre-Medical	BISE MULTAN
2002	S.S.C.	89.11%	Science	BISE MULTAN

Annex. 2: Detailed List of Publications	
No	Publication Details
38	U. F. Gohar, A. Mushtaq , A. Hussain, F. Riaz, M. T. Akhtar, H. Mukhtar (2025). Pharmacological evaluation and acute toxicity studies of fermented extracts of <i>Aspergillus flavus</i> and <i>Aspergillus oryzae</i> . Pakistan Journal of Botany, 57(3): 1-8.
37	A. Mushtaq , T. Rehman, H. S. Shah, S. H. Kamran, A. Hussain, Q. U. Ain, U. F. Gohar (2024). Assessment of Acute and Chronic Toxicity of the Active Fraction of <i>Lavandula stoechas</i> in Albino Mice: A Comprehensive Study. Phytopharmacological Communications, 4(2): 55-66.
36	M. Bano, M. K. Waqas, T. A. Chohan, F. Batool, A. Mushtaq , Y. I. Asiri, M. Z. Hassan, M. A. Mujtaba, M. K. Anwer, M. I. Sidique, A. Riaz, U. Khurshid, H. Saleem, T. A. Chohan (2024). Utilizing Cinnamomum verum (a culinary spice), as a functional food ingredient ameliorating hypercholesterolemia: In-vivo, in-vitro, and in-silico multi-model analysis. Food Bioscience, 62 (2024) 105153.
35	S. Saleem, A. Mushtaq , G. Muhammad, M. Wajid, F. Siddique, F. M. Alshabrimi, F. F. A. Alkhayl, E. A. Alatawi (2024). GC-MS Profiling, Pharmacological Predictions, Molecular Docking, and ADME Studies of Different Parts of Thymus Linearis against Multiple Target Proteins in Wound Healing. Chemistry & Biodiversity, e202401821: 1-21.
34	Q. U. A Umar, M. I. Khan, Z. Ahmad, M. F. Akhtar, M. F. Sohail, A. Madni, A. Erum, B. Ayesha, Q.U Ain, A. Mushtaq (2024). Dissolving Microneedles Patch: A Promising Approach for Advancing Transdermal Delivery of Antischizophrenic Drug. Journal of pharmaceutical Sciences, 113(10): 3078-3087.
33	M. Wajid, M. Uzair, G. Muhammad, F. Siddique, M. Bashir, S. Nadeem, A. Ashraf, N. Assad, A. Mushtaq , M. Z. Rafay, A. Aqdas, S. Ahmad, A. F. Alasmari (2024). Sulfamethoxazole-derived Schiff bases: Synthesis, characterization, biological activities, molecular docking, DFT, and ADME studies. Journal of Molecular Structure, 1312(2024): 1-17.
32	H.S Shah, S. Zaib, M. Sarfraz, A. Alhadhrami, M.M. Ibrahim, A. Mushtaq , F. usman, M. Ishtiaq, H. M. M. Asjad, U. F. Gohar (2023). Fabrication and Evaluation of Anticancer Potential of Eugenol Incorporated Chitosan-Silver Nanocomposites: <i>In Vitro</i> , <i>In Vivo</i> , and <i>In Silico</i> Studies. AAPS PharmSciTech. 24(168-2023): 1-14.

31	A. Mushtaq , F. Habib, R. Manea, R. Anwar, U. F. Gohar, M. Zia-Ul-Haq, M. Ahmad, C. M. Gavris, and L. Chicea. (2023). Biomolecular screening of <i>Pimpinella anisum</i> L. for antioxidant and anticholinesterase activity in mice brain. <i>Molecules</i> , 28(5): 2217.
30	A. Mushtaq , F. Habib, U. F. Gohar, A. Malik and M. Ahmad. (2023). Toxicity studies of <i>Pimpinella anisum</i> in albino mice. <i>Punjab University Journal of Zoology</i> , 38(2): 19-25.
29	M. A Hussain, F. Mehmood, U. F. Gohar, S. F. Nadeem, A. Mushtaq , M. Hamid. (2023). Microbial evaluation of allopathic and herbal non-sterile pharmaceutical liquid dosage forms. <i>Applied biological Research</i> , 25(1):55-61.
28	M. A. Hussain, A. Asif, U. Gors, A. Mushtaq , U. F. Gohar and A. I. Shah. (2022). Impact of Hydroxyurea on Blood Transfusion and its safety in β -Thalassemia Patients. <i>Pakistan Journal of Medical & Health Sciences</i> , 16(10):138-140.
27	A. Mushtaq , R. Anwar, U. F. Gohar, M. Ahmad, R. A. Marc, C. C. Muresan, M. Irrimie and E. Bobescu. (2021). Biomelecular Evaluation of <i>Lavandula stoechas</i> L. for Nootropic Activity. <i>Plants</i> , 10(6):1259.
26	Z. Shah, U. F. Gohar, I. Jamshed, A. Mushtaq , H. Mukhtar, M. Z. haq, S. I. Toma, R. Manea, M. Moga and B. Popovici. (2021). Podophyllotoxin:History, Recent Advancements and Future Prospects. <i>Biomolecules</i> , 11(4):603.
25	H. S. Shah, F. Usman, M. A. Khan, R. Khalil, Z. U. Haq, A. Mushtaq , R. Qaiser and J. Iqbal. (2020). Preparation and Characterization of anti-cancer niosomal withaferin-A formulation for improved delivery to cancer cells: In vitro, in vivo, and in silico evaluation. <i>Journal of drug delivery science and technology</i> , 59(101863).
24	A. Mushtaq , R. Anwar and M. Ahmad. (2020). Methanolic Extract of <i>Pimpinella anisum</i> L. Prevents Dementia by Reducing Oxidative Stress in Neuronal Pathways of Hypermnestic Mice. <i>Pakistan Journal of Zoology</i> , 52(5): 1779-1786.
23	A. Mushtaq , R. Anwar and M. Ahmad. (2019). Memory enhancing effect of Anise (<i>Pimpinella anisum</i>) with respect to its antioxidant activity in albino mice. <i>Journal of animal and Plant sciences</i> . 29(2): 602-610.
22	A. Mushtaq , R. Anwar and M. Ahmad. (2018). <i>Lavandula stoechas</i> L a potent antioxidant attenuates dementia in scopolamine induced memory deficit mice. <i>Frontiers in Pharmacology</i> 9(1375): 1-11.
21	A. Mushtaq , R. Anwar and M. Ahmad. (2018). <i>Lavandula stoechas</i> L alleviates dementia by preventing oxidative damage of cholinergic neurons in mice brain. <i>Tropical Journal of Pharmaceutical research</i> . 17(8): 1539-1547.
20	A. Bashir, A. Mushtaq and T. Mehboob. (2018). Evaluation of antioxidant and antidiabetic activity of <i>Phyllanthus emblica</i> (fruit). <i>Biologia Pakistan</i> . 64(1): 85-91.
19	US. Gors, UF. Gohar, A. Mushtaq , B. Ahmad and A. Mehmood. (2018). Comparative study of effect of Shohl's solution in pediatric patients with renal tubular acidosis. <i>Biologia Pakistan</i> . 64(1): 129-134.
18	A. Adeeb, S. Gulshan, F. Anwar, MI. Khan, MF. Sohail, BT. Ayehsa and A. Mushtaq . (2018). A prospective study of neonatal complications and birth defects in Pakistan. <i>Journal of Contemporary Pharmacy</i> . 2(1): 1-11.
17	A. Mushtaq , S. Rehmat, M. Jamil, A. Bashir, A. Q. Ain, H. Anwar and S. Rashid. (2017). Evaluation of Hepatoprotective and Hepatotoxic Activities of Root Extracts of <i>Cyperus pertenuis</i> in Rats, <i>British Journal of Pharmaceutical Research</i> . 15(6): 1-12.
16	A. Mushtaq , M. Jamil, S. Ali, A. Bashir, Q. Ain, B. Ayesha and MA. Mahmood. (2017). Antipyretic Activity of Aqueous Ethanolic Extract of <i>Chenopodium album</i> Whole Plant in Albino Rats, <i>Asian Journal of Pharmaceutical and Health Sciences</i> . 69(4): 1579-1585.
15	A. Mushtaq , S. Rashid, M. Jamil, R. Anwar and NR. Khawaja. (2017). Anti-nociceptive and Anti-inflammatory Activity of <i>Trapa bispinosa</i> , <i>Chenopodium album</i> and <i>Cuscuta reflexa</i> , <i>International Journal of Biology, Pharmacy and Allied Sciences</i> . 6(4): 608-622.

14	A. Mushtaq, S. Rehmat, R. Anwar, MA. Mahmood, H. Anwar and N. Iqbal. (2017). Hepatoprotective action of Ethanolic Extract of <i>Cyperus pertenuis</i> in Chronic Intoxicated Albino Rats, International Journal of Biology, Pharmacy and Allied Sciences. 6(3): 581-594.
13	A. Mushtaq, SF. Naqvi, R. Anwar, M. Jamil, H. Anwar, A. Bashir, Q. Ain and B. Ayesha. (2017). Evaluation of Hypolipidemic Activity of <i>Allium schoenoprasum</i> in Albino Rats, British Journal of Pharmaceutical Research. 14(5): 1-10.
12	A. Mushtaq, N. Iqbal, M. Jamil, NR. Khawaja, UF. Gohar and MA. Mahmood. (2017). Anti-diabetic and Anti-hyperlipidemic Action of Aqueous Ethanolic Extracts of <i>Mentha spicata</i> (leaves), <i>Plumeria alba</i> (leaves) and <i>Nymphaea alba</i> (flowers and rhizomes), International Journal of Biology, Pharmacy and Allied Sciences. 6(1): 108-124.
11	NR. Khawaja and A. Mushtaq. (2017). Diabetes Mellitus Type 2. Role of Pharmacist in Subcutaneous Therapy. A Challenge!, Systematic Reviews in Pharmacy. 8(1): 1-4.
10	A. Mushtaq, M. Ahmad, Q. Jabeen, A Saqib, M. Wajid and MA. Akram. (2014). Hepatoprotective Investigations of <i>Cuminum cyminum</i> Dried Seeds in Nimesulide Intoxicated Albino Rats by Phytochemical and Biochemical Methods, International Journal of Pharmacy and Pharmaceutical Sciences. 6(4): 506-510.
09	A. Mushtaq, A. Saqib, Z. Aslam, F. Fatima, MK. Waqas and MA. Akram. (2014). Occurrence and Causes of Insomnia in Youth of Bahawalpur Division of Pakistan, International Journal of pharmaceutical Research and Bio-Science. 3(2): 408-418.
08	M. Wajid, A. Mushtaq, M. Ahmad, Q. Jabeen, A. Rasheed, UR. Tulain and MA. Akram. (2014). Antimicrobial Effects of Stem and Fruits Extract of <i>Prosopis cineraria</i> (L) Druce, International Journal of Pharmaceutical Research and Bio-Science. 3(2): 436-447.
07	M. Wajid, A. Mushtaq, M. Ahmad, Q. Jabeen, A. Rasheed, K. Bashir and UR. Tulain. (2014). Evaluation of Antimicrobial Effects of <i>Prosopis cineraria</i> Leaves, World Journal of Pharmaceutical Sciences. 2(5): 469-478.
06	A. Mushtaq, A. Saqib, Z. Aslam, F. Fatima, Q. Jabeen, M. I. Khan, M. Wajid and Alamgeer (2014). Prevalence of Different Types of Headache in Urban and Rural Areas of the Punjab Province of Pakistan, International Journal of Pharmaceutical Research and Bio-Science. 3(1): 392-400.
05	S. Muhammad Iqbal, A. Mushtaq, and Q. Jabeen. (2014). Antimicrobial, Antioxidant and Calcium Channel Blocking Activities of <i>Amberboa divaricata</i> , Bangladesh Journal of Pharmacology. 9(1):29-36.
04	A. Mushtaq, M. Ahmad and Q. Jabeen. (2013). Hepatoprotective Action of a Polyherbal Aqueous Ethanolic Extract Against Nimesulide Intoxicated Albino Rats, International Journal of Pharmaceutical Research and Bio-Science. 2(6):332-347.
03	A. Mushtaq, Q. Jabeen, Alamgeer, M. I Khan and A. Saqib. (2013). Nation-Wide Trend of Non-Pharmacological Measures to Relieve Headache, International Journal of Pharmaceutical Research and Bio-Science. 2(6):452-464.
02	A. Mushtaq, M. Ahmad and Q. Jabeen. (2013). Pharmacological role of <i>Cichorium intybus</i> as a Hepatoprotective Agent on the Elevated Serum Marker Enzymes Level in Albino Rats Intoxicated With Nimesulide, International Journal of Current Pharmaceutical Research. 5(3):25-30.
01	A. Mushtaq and M. Ahmad. (2013). Hepatoprotective Activity of Aqueous-Ethanolic Extract of <i>Solanum nigrum</i> Against Nimesulide Intoxicated Albino Rats, European Journal of Zoological Research. 2(3):1-7.

Annex. 3: Details of Postgrad Thesis Supervision

No	Name of Student	Date of Defense	Thesis Title
17	Sumaira Saleem	Under Process	Phytochemical Profiling and Pharmacological Attributes of <i>Thymus Linearis</i> Extracts

16	Aamir Sohail	02/10/2023	Green Synthesis of Manganese Nanoparticles; Characterization & Application in Forensics
15	Urwa Sajjad	02/10/2023	Phytochemical & Toxicological Evaluation of <i>Thevetia peruviana</i> (Yellow Oleander)
14	Safa Munir	02/10/2023	Interpretation of Chemical Constituents of <i>C. gigantea</i> to Analyze its Toxicity
13	Nigarish Shafique	02/10/2023	Phytochemical Analysis of <i>Trapa bispinosa</i> Along with its Toxicity Studies
12	Zartasha Amin	02/10/2023	Physicochemical & Toxicity Studies of Some Synthetic Dyes
11	Sonia Hamid	02/10/2023	Phytochemical Investigation of <i>Melia azedarach</i> in Reference to its Toxic Potential
10	Faiqa Faruukh	02/10/2023	Chemical Characterization of <i>Parthenium hysterophorous</i> for its Toxic Potential
09	InnamUllah	25/09/2023	Synthesis and biological screening of di-indolyl methane derivatives
08	Sarooj Hassan	22/09/2023	Phytochemical & Toxicological Investigation of <i>Onosma bracteatum</i> Wall
07	Habib Anwar	12/12/2015	Ante mortem & postmortem analysis of heavy metals, volatiles, diazepam morphine and their metabolites in in different organs & body fluids of rabbit
06	Shazma Farhat Naqvi	12/12/2015	Evaluation of hypolipidimic activity of <i>Allium schoenoprasum</i> in albino rats
05	Nabiha Iqbal	09/12/2015	Anti-oxidant and hypoglycemic activities of some indigenous plants
04	Samina Ali	05/12/2015	Evaluation of antipyretic activity of three indigenous plants
03	Sarah Rashid	01/12/2015	Investigation of anti-inflammatory and analgesic activities of some indigenous plants
02	Malik Arif Mehmood	01/12/2015	Evaluation of anti-diabetic activity of various commercially available herbal products in Pakistan
01	Shehla Rehmat	01/12/2015	Hepatoprotective and hepatotoxic study of <i>Cyperus pertenuis</i>
Details of Undergrad Thesis Supervision			
01	➤ Fatima ➤ Sabeeha ➤ Tasbeeha ➤ Tanzeela ➤ Dureem	11/10/2023	Screening of Dementia Among Geriatric Population Visiting OPD of a Tertiary Care Hospital

Annex. 4: Details of Conferences/Workshops/Seminars/Trainings				
No	Year	Type	Title	Active Role
28	2024	Conference	International Conference on Designing the future: Insights from Material Chemistry. 26 April 2024.	Participant
27	2024	Conference	"6 th International Conference on Advances in Biosciences (ICAB-2024)" 18-19 April 2024, held at GCU Lahore.	Participant
26	2024	Webinar	"Allelopathy in crop production and weeds" 19 March, 2024. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
25	2024	Seminar	"Recent Research and Development in Zoonotic Diseases and DNA vaccines; Bridging Health and Innovation" 26 Feb. 2024 by Comstech Islamabad	Participant
24	2024	Training	Intellectual Property Right. 01-02 Feb. 2024.	Participant

			Organized by Punjab Higher Education Commission	
23	2023	Training	“Advancing teaching Excellence’ Strategies for effective Higher Education Instructions and Professional Development” 24-26 July 2023. Organized by Punjab Higher Education Commission	Participant
22	2023	Training	“One Month Training on Advanced Teaching and Learning Program 2023” 17 July to 09 Aug, 2023. Organized by GC University Lahore	Participant
21	2023	International Seminar	“International Seminar on Monitoring and Control of Metabolic Disorders” 26 May, 2023. Organized by Dunnicliff Chemical Society, GC University Lahore.	Participant
20	2023	Seminar	“Strengthening Cooperation in Traditional Medicine and Allied Biomedical Sciences in OIC Member States” 27 April, 2023. Organized by Comstech	Participant
19	2023	Webinar	“Nutraceuticals as Functional Food” 19 April, 2023. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
18	2023	Webinar	“Impact of Urban Green Spaces on Human's well-being” 17 April, 2023. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
17	2023	International Webinar	“Green synthesis” 14 April, 2023. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
16	2023	International Workshop	“Postcards Production Using Life-Forms” 13 April, 2023. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
15	2023	International Webinar	“Bio fertilizers in Agriculture” 11 April, 2023. Organized by Dr. Sultan Ahmad Botanical Society, GC University Lahore.	Participant
14	2023	Training	“International Training on Randomized Clinical Trials” 20-21 March 2023. Organized by Comstech.	Participant
13	2023	Seminar	“Precision Oncology: Fact or Fiction?” 9 March 2023. Organized by Comstech.	Participant
12	2022	Conference	“5 th International Biennial (Hybrid) Cardiorespiratory Conference” 14-15 Nov.2022. Organized by Gulab Devi Teaching Hospital Lahore.	Participant
11	2022	Training	“One day Training on Immuno-Informatics” 1 st Nov, 2022. Organized by IPS, UVAS Lahore.	Participant
10	2022	Conference	“1 st Clinicon Collaborating to Provide Modern Healthcare Solutions” 18-19 Oct. 2022. Organized by Gulab Devi Teaching Hospital Lahore. Presentation Title: Strategies to Overcome Dementia.	Speaker and Participant
09	2022	Poster & Model Presentation	“Poster and Model Presentation in Commemoration of World Smart Medication Day” 29 June 2022. Organized by Gulab Devi Institute of Pharmacy Lahore.	Poster Presentation

08	2019	Conference	"3 rd International Biennial Cardiorespiratory Conference" 8-10 March 2019. Organized by Gulab Devi Chest Hospital Lahore.	Participant
07	2015	Seminar	Seminar on EndNote & sample size Calculation" 26 April 2015. Organized by Riphah International University Lahore.	Participant
06	2014	Training/ Workshop	"EndNote Software Training" 13 Dec. 2014. Organized by Riphah International University Lahore.	Participant
05	2014	Workshop	"Continuous Professional Development, Characterization of Personality-I am a Muslim Manager series" 10 April 2014. Organized by Riphah International University Lahore.	Participant
04	2014	Workshop	"Continuous Professional Development, Strategic Vision" 07 April 2014. Organized by Riphah International University Lahore.	Participant
03	2013	National Conference	"Two Days National Conference on Research and Education of Eastern Medicine In Pakistan; Future Prospects And Challenges" 9-10 Oct. 2013. Organized by The University of Poonch Rawalakot. Presentation Title: Role of Aqueous Ethanolic Extract of Aerial parts of <i>Solanum nigrum</i> in Preventing Nimesulide-induced Hepatic Cell Damage in Albino Rats"	Presenter and Participant
02	2013	National Conference	"2 nd National Conference on Future Prospects & Challenges for natural Medicine in Pakistan" 3-4 May 2013. Organized by College of Conventional Medicine IUB. Presentation Title: Hepatoprotective activity of aqueous ethanolic extract of <i>Cichorium intybus</i> dried leaves"	Presenter and Participant
01	2013	National Conference	"2 nd National Pharmacy Conference & Exhibition "Pharmacy profession prosperous Health" 8-9 Feb. 2013. Organized by Department of Pharmacy IUB. Presentation Title: Hepatoprotective activity of aqueous ethanolic extract of <i>Cuminum cyminum</i> seeds"	Presenter and Participant

Annex. 5: Details of Advisory/ Community Services

No	Year	Type	Title	Role
2	2024	Community	"Implementation of streamlined inventory management protocols and organizational standards to optimize operations at the community pharmacy" on 23-24 March 2024 at Zia Pharmacy Lahore	Instructor/Mentor
1	2024	Community	"Promoting safe and rational antibiotic use" on 06 th Jan 2024 at Zia Pharmacy Lahore	Instructor/Mentor

Annex. 6: Details of Membership

No	Year	Type	Title	Role
2	2024	BOS	Member of Board of study of Department of Pharmaceutical Sciences, GCU Lahore, from 12 July 2024 to 11 July 2027.	Member
1	2024	BOS	Member of Board of study of Smart Institute of Medical Sciences Bhakkar from 19 March 2024 to 18 March 2027	Expert

Annex. 7: Details of Paper Reviewed				
No	Year	Type	Title	Journal Name
10	2024	Original Research	An experimental model to form gastric ulcer in rats by placing filter paper carrying glacial acetic acid on gastric mucous	Plos One
09	2024	Review	Nosocomial Infections and Microbial waste management: A Growing Threat to Patient Safety- A Review	BioMed Research International
08	2024	Original Research	Maggot extract accelerates skin wound healing of diabetic rats via enhancing STAT3 signalling	Plos One
07	2024	Original Research	A mixture of specific herbs alleviate mild cognitive impairment in male rats	Journal of Alzheimer's Disease Reports
06	2023	Original Research	Widely targeted metabolomics reveals differences in metabolites of <i>Paeonia lactiflora</i> cultivars	Plos One
05	2023	Original Research	Enhanced Podophyllotoxin Production of Endophyte <i>Fusarium Proliferatum</i> TQN5T by Host Extract and Phenylalanine. (17/04/2023)	Applied Microbiology and Biotechnology
04	2023	Original Research	Investigating the active chemical constituents and pharmacology of <i>Nanocnide lobata</i> in the treatment of burn and scald injuries	Plos One
03	2023	Original Research	Anti <i>H. pylori</i> , Anti-secretory and Gastroprotective Effects of <i>Thyme vulgaris</i> on Ethanol-induced Gastric Ulcer in Rats.	Plos One
02	2023	Original Research	A novel alcohol steamed preparation from <i>Gastrodia elata</i> Blume: Pharmacological assessment of a functional food	Frontiers in Pharmacology, section Ethnopharmacology.
01	2023	Original Research	Pharmacological screening of silibinin for antischizophrenic activity along with its acute toxicity evaluation in experimental animals	Frontiers in Pharmacology, section Predictive Toxicology

Annex. 8: Details of Post Graduate Thesis Evaluation/Viva Voce Examinations				
No	Year	Student name	Degree Title	Name of Institute
	2024	Kainat Mushtaq	M.Phil Pharmacology	Punjab University College of Pharmacy, PU Lahore
	2024	Muhammad Mugheera	M.Phil Pharmacology	Punjab University College of Pharmacy, PU Lahore
	2024	Atif Nazir	M.Phil Pharmacology	Punjab University College of Pharmacy, PU Lahore
	2024	Hafza Nayyar (2225248008)	M.Phil Pharmacology	Lahore College for Women University Lahore
	2024	Shaina Sohail (2225248024)	M.Phil Pharmacology	Lahore College for Women University Lahore
	2024	Hzfiza Hira Iqbal (2225248023)	M.Phil Pharmacology	Lahore College for Women University Lahore
	2024	Farah Tahir (2225248022)	M.Phil Pharmacology	Lahore College for Women University Lahore

	2024	Laiba Arooj (2220511)	M.Phil Pharmacology	Department of Pharmacology, GCUF Faisalabad, Pakistan
05	2023	Naseema Kouser (11-MCOL-M21)	M.Phil Pharmacology	Punjab University College of Pharmacy, Lahore
04	2023	Aqsa Ahmad (227103)	M.Phil Pharmacology	Department of Pharmacology, GCUF Faisalabad, Pakistan
03	2022	Sonia Muhammad Ashraf	M.Phil	Punjab University College of Pharmacy, PU Lahore
02	2022	Maira	M.Phil	Institute of industrial Biotechnology, GC University Lahore
01	2022	Muhammad Touqeer Hanif	M.Phil	Institute of industrial Biotechnology, GC University Lahore

Annex. 9: Details of Under Graduate Viva Voce Examinations					
No	Year	Class	Subject	Date of Exam	Name of Institute
12	2024	Pharm-D (3 rd Prof.) I-A	Pathology	15-17 Oct 2024	Imran Idrees College of Pharmacy, Sialkot, Affiliated with University of the Punjab, Lahore
11	2024	Pharm-D (Spring-2024)	Physiology-B	18-24 July 2024	Riphah Institute of Pharmaceutical Sciences, Riphah International University, Lahore
10	2024	Pharm-D (3 rd Prof.) II-A	Pathology	29 May 2024	Lias College of Pharmacy, Faisalabad, Affiliated with University of the Punjab, Lahore
09	2024	Pharm-D (3 rd Prof.) II-A	Pathology	29 May 2024	Imran Idrees College of Pharmacy, Sialkot, Affiliated with University of the Punjab, Lahore
08	2024	Pharm-D (6 th Semester)	Pharmacology & Therapeutics	28, May 2024	Muslim Institute of Education Mangat Road Hafizabad
07	2024	Pharmacy Technician	Pharmacy	04-07 April 2024	United Institute of Health Sciences, Pak Arab Lahore
06	2024	Pharm-D (2 nd Semester)	Physiology	08-09, Jan. 2024	The Sahara College of Pharmacy, Narowal, Affiliated with GC University, Faisalabad
05	2023	Pharm-D (3 rd Prof.)	Pathology	19, Oct. 2023	Cadson College of Pharmacy, Kharian, Affiliated with University of the Punjab, Lahore
04	2023	Pharm-D (3 rd Prof.)	Pathology	15-16, Oct. 2023	Imran Idrees College of Pharmacy, Sialkot, Affiliated with University of the Punjab, Lahore
03	2023	Pharm-D (3 rd Prof.)	Pathology	12, Oct. 2023	M. Islam College of Pharmacy, Gujranwala, Affiliated with University of the Punjab, Lahore
02	2023	Pharm-D (3 rd Prof.)	Pathology	11, Oct. 2023	Lias College of Pharmacy, Faisalabad, Affiliated with University of the Punjab, Lahore

01	2023	Pharm-D (Spring Semester)	Pharmacology and Therapeutics-II	13-14 July, 2023	Riphah Institute of Pharmaceutical Sciences, Riphah International University, Lahore
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