

Curriculum Vitae

Dr. Fatima Saqib

PERSONAL DETAILS:

NAME Dr. Fatima Saqib
Date/Place of Birth October 06, 1980, Pakistan (Multan)
Marital Status Married (2 children)
Nationality Pakistani
CNIC 3630202625812



Workplace:
Correspondence Assistant Professor, Department of Pharmacology
Faculty of Pharmacy, Bahauddin, Zakariya University,
Multan 60800, Pakistan
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Residence:

House # 353/12, Street no 8-A, Hasanabad, Gate No.1, Near Gole Masjid, Khanewal Road,
Multan

ACADEMIC QUALIFICATION:

Degree/Certificate Year of Passing	Institution, City	Group/ Specialization	%age obtained	Division/ CGPA	Academic Distinction
SSC , 1996	BISE, Multan.	Science Biology, Physics, Chemistry	92 %	First	3rd Position in Multan Board, Brass Medal & Awardee of National Talent Scholarship
F. Sc, 1999	BISE, Multan.	Pre-medical Biology, Physics, Chemistry	75%	First	-
B. Pharmacy, 2004	BZU, Multan	Pharmacy	62 %	First	-
M.Phil, 2008	BZU, Multan	Pharmacology	76%	3.75	Gold Medal; First Position
Ph.D ,2017	BZU, Multan	Pharmacy	Grade A	4.0/4	

DISSERTATION TITLES:

- Ph.D:** Screening of pharmacological activities from indigenous plants pertaining to gastrointestinal, respiratory and cardiovascular systems.
- M. Phil:** *In Vitro* Pharmacological screening of *Blepharis edulis*, Pers. And *Ipomoea turpethum*, R.Br. for Antispasmodic, Bronchodilator and antiplatelet aggregation activities.
- *Ph.D.& M.Phil Supervisor:** Professor Dr. Khalid Hussain Janbaz, Faculty of Pharmacy, Bahauddin Zakariya University, Multan

PROFESSIONAL BACKGROUND:

28-10-2021 to date

Assistant Professor, Department of Pharmacology, Faculty of Pharmacy, Bahauddin Zakariya University, Multan.

15-01-2014 to 27-10-2021

Lecturer, Department of Pharmacology, Faculty of Pharmacy, Bahauddin Zakariya University, Multan.

15-11-2009 to 14 01-2014

Visiting Lecture, Faculty of Pharmacy, Bahauddin Zakariya University, Multan.

16-10-2004 to 11-02-2006

Production Pharmacist, Hamaz Pharmaceuticals, Bosan road, Multan.

06-12-2003 to 15-01-2004

Internship, Hamaz Pharmaceuticals, Bosan road, Multan

NATIONAL TRAINING

07-01-2009 to 03-02-1998

National Guards (The women Guards), Certificate of service

PROFESSIONAL SOCIETY MEMBERSHIP:

1. Pakistan Pharmacist Association (2004).
2. Academic Staff Association, Bahauddin Zakariya University, Multan (2014).

ACADEMIC HONOURS:

2019-uptil now	HEC Approved Supervisor
2004	Registered Pharmacist vide 3052-A/04 Punjab Pharmacy Council
2005-2007	Gold Medal and Certificate of Merit: First position in M. Phil Pharmacology, Faculty of Pharmacy, Bahauddin Zakariya University, Multan.
994-1996	Brass Medal and Certificate of Merit: 3rd position in Board of Intermediate, Multan.
1996	Awardee of National Talent Scholarship

EXTERNAL EXAMINERSHIP:

2023 Pharm-D, Department of Pharmacy, Islamia University, Bahawalpur.

2023 Pharm-D, Department of Pharmacy, Women University, Multan.

2022 Pharm-D, Faculty of Pharmacy, Gomal University, Dera Ismail Khan, K.P.K

2021 Pharm-D, Faculty of Pharmacy, Gomal University, Dera Ismail Khan, K.P.K

2020 Pharm-D, Faculty of Pharmacy, Gomal University, Dera Ismail Khan, K.P.K

2019 Pharm-D, Faculty of Pharmacy, Gomal University, Dera Ismail Khan, K.P.K

2018 Pharm-D, Department of Pharmacy, Islamia University, Bahawalpur.

2017 Pharm-D, Faculty of Pharmacy, Gomal University, Dera Ismail Khan, K.P.K

2016 Pharm-D, Department of Pharmacy, Islamia University, Bahawalpur.

2015 Pharm-D, Department of Pharmacy, Islamia University, Bahawalpur.

2014 Pharm-D, Department of Pharmacy, Islamia University, Bahawalpur

Conferences/Seminars/Symposia/Webinar

- 1- International Conference on Contemporary Developments in Natural Medicine and Occupational therapy, Department of Eastern Medicine, Faculty of Medical and Health Sciences, 20-21st September, **2023**, Abstract presented, “Evaluating the efficacy of *Montanoa Guatemalensis* B.L.Rob. and greenm in preventing isoprenaline-induced AMI and LVH.”, University of Poonch, Rawalakot
- 2- Current advancements in pharmacy profession(CAPP)-Theory to practice, 2nd April 2022, Abstract presented, “Medicinal use of himalayan fern *dryopteris ramosa* (Hope).c in diarrhea, asthma and hypertension “Serial no 34, Page no 38, University of Lahore, Lahore
- 3- Science, technology, engineering, mathematics and social sciences (STEM-2022). 24-25Mar-2022; Abstract presented : "Pharmacological basis for medicinal use of *Pelargonium Zonale* L. in asthma, diarrhea and hypertension possibly involving potassium channel activation" The Islamia University of Bahawalpur, Pakistan
- 4- Hypertensive, cardioprotective and toxicological *Nemmes strumose* STEMS International Conference, The Islamia University of Bahawalpur, Bahawalpur, Punjab Pakistan 30-31 March, 2021.
- 5- Webinar conducted by School of Pharmacy, Virginia, Mc Graw Hill titled “Preparing students to improve Drug Therapy using a consistent Patient care Process held on 10th October,2020
- 6- Online dialogue on ‘Role of Faculty to Promote Peace Education’ held on Aug13, 2020 by (H-WRAP) Human Halth welfare &Research Assiciation, BZU, Multan.
- 7- International Webinar on ‘Lt. Software: A Virtual Lab Concept” held on 25th July 2020.
- 8- Speaker in 2nd International Pharmacy Conference & Exhibition “New Paradigms of Pharmacy Education & Practice in Pakistan” held onFeb 20-21, 2020, and abstract presented titled ‘Cardioprotective potential of *Viola tricolor* Linn. on Isoproterenol induced Myocardial necrosis and Ventricular Hypertrophy models in Rodents’ Department of Pharmacy. The Islamia University Bahawalplur.
- 9- Poster Presentation in 2nd International Pharmacy Conference & Exhibition “New Paradigms of Pharmacy Education & Practice in Pakistan” held on Feb 20-21, 2020, and

abstract presented titled ‘Exploration of Cardioprotective potential of *Anogeissus acuminata* Linn. on Isoproterenol induced Myocardial necrosis and Ventricular Hypertrophy ’ Department of Pharmacy. The Islamia University Bahawalpur.

- 10- Two days International Pharmacy Conference “Recent Trends in Advancement of Pharmaceutical Sciences Challenges & Opportunities” Feb 14-16, 2019 by Faculty of Pharmacy, BZU & Institute of Pharmacy. Lahore College for Women University, Lahore.
- 11- International Pharmaceutics Conference ‘Exploring New Avenues for Pharmacy Profession’. Feb 12-13, 2018. BZU, Multan.
- 12- 20th Istanbul International Conference on ‘Agricultural, Biological & Medical Sciences (IABMS-19) , December 5 -6, 2019, Istanbul (Turkey) titled, ‘ Folkloric use of *Solanum surrantense* Burn. Validates its pharmacological activity in constipation and diarrhea’’
- 13- Training on ‘Faculty Teaching Program (Success Mind Set of Faculty’ on 19th April, 2018 organized by Office of Research Innovation & Commercialization BZU, Multan.
- 14- International Seminar ‘Past, Present and future challenges for clinical and Pharmacological Research’ held on 07th April, 2018 by Prof. Dr. Joachim Herzig (Professor of Physiology and Pharmacology, Faculty of Medicine, Johannes Gutenberg University Mains, Germany.
- 15- International Seminar on, “Expanded Eastern Medicine for Health of All” on 10th November, 2016 arranged by BEMS medical association of Pakistan.
- 16- Seminar on Biosafety and Biosecurity Issues-Health, Research and Industry held on 10th December, 2013., Institute of Pure and Applied Biology, BZU, Multan
- 17- Abstract presented in international conference Titled, ‘*Blepharis edulis* extract protects against reperfusion-induced myocardial oedema in isolated rat hearts and permeability of cultured endothelial cells and inhibits platelet aggregation. *Acta Physiologica* 2012; Volume 204, Supplement 689. Presented in 91st Annual Meeting of The German Physiological Society March 2012 Dresden, Germany.

TECHNIQUES LEARNED:

- To study drug-receptor interaction at molecular and cellular level by using techniques drug receptor Interaction.
- Power Lab, Isolated tissue experiments on jejunum, trachea, aorta, Heart and bladder.

- Calcium channel blocking/Anticholinergic activity using functional studies.
- Phytochemical analysis (Extraction and fractionation); *in vivo* analgesic, antipyretic and anti-inflammatory activity

AREAS OF RESEARCH

- Molecular Pharmacology, Natural Products Pharmacology, Ethnopharmacology

COMPUTER SKILLS

- Excellent command on the Graph Pad Prism, Lab Chart, LMS, Microsoft Word, Excel, Power point, Access etc.
- Total Awareness about Internet and research-based searching, Literature retrieval, statistical analysis.

Book Chapters

- 1- F Saqib, M Wahid, I Iqbal, AA AL-Huqail, S Yaqoob. Impact of COVID-19 on Science and Technology. **Post-Pandemic Economy, Technology, and Innovation, 2024**.pp281-309.**Apple Publishers.**
- 2- Iram Iqbal, Fatima Saqib, Muqeet Wahid, Muhammad Farhaj Latif, Rabia Naz, and Mohammad S. Mubarak. Antioxidants from Spice and Condiment Plant Species and Their Applications. February 2024. 10.1201/9781003387046-7.**Medicinal Spice and Condiment Crops. CRC Press.**

Research Publications: (Total Impact Factor = 186.282)

1. Muqeet Wahid, Fatima Saqib, Ghulam Abbas, Shahid Shah, Abdulrahman Alshammari, Thamer H Albekairi, Anam Ali, Muhammad Khurm, Mohammad S Mubarak. Cardioprotective and hypotensive mechanistic insights of hydroethanolic extract of Cucumis melo L. kernels in isoprenaline-induced cardiotoxicity based on metabolomics and in silico electrophysiological models2024, JournalFrontiers in Pharmacology, 14 <https://doi.org/10.3389/fphar.2023.1277594>.

2. Anam Ali, **Fatima Saqib**. Ethnopharmacological basis and pharmacodynamics prospectives for folkloric claims of *Rosa webbiana* wall. Ex. Royle in diarrhea and asthma via In vitro, In vivo and In silico techniques . Journal of Ethnopharmacology,317, **2023**, 116696. **(Impact Factor: 4.36)**.
3. Muqheet Wahid, **Fatima Saqib**, Saeed Akhtar, Anam Ali, Trina Ekawati Tallei, and Jesus Simal–Gandara. "Mechanistic insights of *Cucumis melo* L. seeds for gastrointestinal muscle spasms through calcium signaling pathway–related gene regulation networks in WGCNA and in vitro, in vivo studies." Computers in Biology and Medicine 155 **(2023)**: 106596. **(Impact Factor: 6.698)**.
4. I Iqbal, P Wilairatana, **F Saqib**, B Nasir, M Wahid, Muhammad Farhaj Latif, A Iqbal, R Naz, Plant Polyphenols and Their Potential Benefits on Cardiovascular Health: A Review; **Molecules** 28 (17),**2023**, 6403. . **(Impact Factor: 4.927)**.
5. I Iqbal, **F Saqib**, Muhammad Farhaj Latif, H Shahzad, L Dima, B Sajer, R Manea, C Pojala, Pharmacological Basis for Antispasmodic, Bronchodilator, and Antidiarrheal Potential of *Dryopteris ramosa* (Hope) C. via In Vitro, In Vivo, and In Silico Studies., **ACS omega**, **2023**, 8 (30), 26982-27001. **(Impact Factor: 4.132)**.
6. Muhammad Khurm, Yuting Guo, Qingqing Wu, Xinxin Zhang, Muhammad Umer Ghori, Muhammad Fawad Rasool, Imran Imran, **Fatima Saqib**, Muqheet Wahid, Zengjun Guo. *Conocarpus lancifolius* (Combretaceae): Pharmacological Effects, LC-ESI-MS/MS Profiling and In Silico Attributes. **METABOLITES**, **2023**,7(13),794.
7. Rabia Naz , **Fatima Saqib** , Samir Awadallah , Muqheet Wahid , Muhammad Farhaj Latif , Iram Iqbal and Mohammad S. Mubarak. Food Polyphenols and Type II Diabetes Mellitus: Pharmacology and Mechanisms. “Molecules” **2023**, 28, 3996. <https://doi.org/10.3390/molecules28103996>. **(Impact Factor: 4.927)**.
8. Muqheet Wahid, **Fatima Saqib**, Anam Ali, Abdulrahman Alshammari, Metab Alharbi, Abdur Rauf, and Mohammad S. Mubarak. 2022. "Integrated Mechanisms of Polarity–Based Extracts of *Cucumis melo* L. Seed Kernels for Airway Smooth Muscle Relaxation via Key Signaling Pathways Based on WGCNA, In Vivo, and In Vitro Analyses" **Pharmaceutics** 15, no. 12: 1522. 2022.**(Impact Factor: 5.863)**
9. Muqheet Wahid, **Fatima Saqib**, Saeed Akhtar, Anam Ali, Polrat Wilairatana, and Mohammad S. Mubarak. "Possible Mechanisms Underlying the Antispasmodic,

- Bronchodilator, and Antidiarrheal Activities of Polarity–Based Extracts of *Cucumis sativus* L. Seeds in In Silico, In Vitro, and In Vivo Studies." *Pharmaceuticals* 15, no. 5 (2022): 641. **(Impact Factor: 5.863)**
10. Wahid, Muqet, **Fatima Saqib**, Muhammad Qamar, and Zyta M. Ziora. "Antispasmodic activity of the ethanol extract of *Citrullus lanatus* seeds: Justifying ethnomedicinal use in Pakistan to treat asthma and diarrhea." *Journal of Ethnopharmacology* (2022): 115314. **(Impact Factor: 5.190)**
 11. Wahid, Muqet, **Fatima Saqib**, Saeed Akhtar, Anam Ali, Polrat Wilairatana, and Mohammad S. Mubarak. "Possible Mechanisms Underlying the Antispasmodic, Bronchodilator, and Antidiarrheal Activities of Polarity–Based Extracts of *Cucumis sativus* L. Seeds in In Silico, In Vitro, and In Vivo Studies." *Pharmaceuticals* 15, no. 5 (2022): 641. **(Impact Factor: 5.863)**
 12. **Saqib, Fatima**, Muqet Wahid, Arwa Abdulkreem AL-Huqail, Hanadi Talal Ahmedah, Nicusor Bigiu, Marius Irimie, Marius Moga, Romina Alina Marc, Oana Lelia Pop, and Liana Maria Chicea. "Metabolomics based mechanistic insights to vasorelaxant and cardioprotective effect of ethanolic extract of *Citrullus lanatus* (Thunb.) Matsum. & Nakai. seeds in isoproterenol induced myocardial infraction." *Phytomedicine* 100 (2022): 154069. **(Impact Factor: 6.656)**
 13. Wahid, Muqet, **Fatima Saqib**, Liana Chicea, Hanadi Talal Ahmedah, Bayan Hussein Sajer, Romina Alina Marc, Oana Lelia Pop, Marius Moga, and Claudia Gavris. "Metabolomics analysis delineates the therapeutic effects of hydroethanolic extract of *Cucumis sativus* L. seeds on hypertension and isoproterenol-induced myocardial infarction." *Biomedicine & Pharmacotherapy* 148 (2022): 112704. **(Impact Factor: 7.419)**
 14. Wahid, Muqet, and **Fatima Saqib**. "Scientific basis for medicinal use of *Citrullus lanatus* (Thunb.) in diarrhea and asthma: In vitro, in vivo and in silico studies." *Phytomedicine* 98 (2022): 153978. **(Impact Factor: 6.656)**
 15. **Saqib Fatima**, Arwa Abdulkreem Al-Huqail, Memona Asma, Liana Chicea, Mircea Hoge, Marius Irimie, and Claudia Gavris. "Dose-dependent Spasmolytic, Bronchodilator, and Hypotensive Activities of *Panicum miliaceum* L." *Dose-Response* 20, no. 1 (2022): 15593258221079592. **(Impact Factor: 2.658)**

16. **Saqib Fatima**, Faisal Usman, Shehneela Malik, Naheed Bano, Najm Ur-Rahman, Muhammad Riaz, Romina Alina Marc, and Crina Carmen Mureşan. "Antidiarrheal and Cardio-Depressant Effects of *Himalaiella heteromalla* (D. Don) Raab-Straube: In Vitro, In Vivo, and In Silico Studies." *Plants* 11, no. 1 (2021): 78. (**Impact Factor: 4.658**)
17. Wahid, Muqeet, **Fatima Saqib**, Hanadi Talal Ahmedah, Claudia Mihaela Gavris, Vincenzo De Feo, Mircea Hoge, Marius Moga, and Radu Chicea. "Cucumis sativus L. Seeds Ameliorate Muscular Spasm-Induced Gastrointestinal and Respiratory Disorders by Simultaneously Inhibiting Calcium Mediated Signaling Pathway." *Pharmaceuticals* 14, no. 11 (2021): 1197. (**Impact Factor= 5.863**)
18. **Fatima Saqib**, Asad Ali, Hanadi Talal Ahmedah , Claudia Alexandrina Irimie Sebastian Ionut Toma, Bianca Elena Popovici, Marius Moga, Marius Irimie Cardioprotective, hypotensive and toxicological studies of *Populus ciliate* (Wall. ex Royle) *Biomedicine & Pharmacotherapy* 142 (2021) 112065 (**Impact Factor= 7.419**)
19. **Fatima Saqib** and Khalid Hussain Janbaz. "Ethnopharmacological basis for folkloric claims of *Anagallis arvensis* Linn.(Scarlet Pimpernel) as prokinetic, spasmolytic and hypotensive in province of Punjab, Pakistan." *Journal of Ethnopharmacology* 267 (2021): 113634. (**Impact Factor: 4.360**)
20. **Fatima Saqib**, Mehwish Shaukat, Sana Javaid¹, Muhammad Riaz², Zahid Khan³, Calin Cobelschi⁴, Dana Festila⁴ and Cristina Nicula. In vitro and in vivo biological approach to validate folkloric claims of *Trianthema triquetra* rottler & willd. *Bangladesh J. Bot.* 50(1): 21-28, 2021 (Impact Factor= 0.308)
21. Khurm, Muhammad, Xingbin Wang, Hui Zhang, Sajid Nawaz Hussain, Muhammad Naeem Qaisar, Khezer Hayat, **Fatima Saqib**, Xinxin Zhang, Guanqun Zhan, and Zengjun Guo. "The genus *Cassia* L.: Ethnopharmacological and phytochemical overview." *Phytotherapy Research* (2020). **Impact Factor:5.878.**
22. **Fatima Saqib**, Khizra Mujahid, Muhammad Arif Aslam, Alotaibi Modhi, Marius Alexandru Moga, Elena Bobescu, Luigi Marcea. Ex vivo and in vivo studies of *Viola tricolor* Linn. as potential cardio protective and hypotensive agent: Inhibition of voltage gated Ca⁺⁺ ion channels, **FASEB JOURNAL**; 2020;34:9102–9119. **Impact Factor: 5.1.**
23. **Fatima Saqib**, Muhammad Arif Aslam, Khizra Mujahid, Luigi Marceanu, Marius Moga, Hanadi Talal Ahmedah, and Liana Chicea. Studies to Elucidate the Mechanism of Cardio

- Protective and Hypotensive Activities of *Anogeissus acuminata* (Roxb. ex DC.) in Rodents, **Molecules** 2020, 25, 3471. **Impact Factor: 4.411.**
24. Muqheet Wahid, Anam Ali, **Fatima Saqib**, Ambreen Aleem, Sumbal Bibi, Khurram Afzal, Atif Ali, Ayesha Baig, Shujaat Ali Khan. Muhammad Hassham Hassan Bin Asad. Pharmacological exploration of traditional plants for the treatment of neurodegenerative disorders. **Phytotherapy Research**, 2020;1–24. **Impact Factor: 5.878.**
 25. Syeda Madiha Imtiaz, Ambreen Aleem, **Fatima Saqib**, Alexe Nicolae Ormenisan , Andrea Elena Neculau ,Costin-Vlad Anastasiu. The Potential Involvement of an ATP-Dependent Potassium Channel-Opening Mechanism in the Smooth Muscle Relaxant Properties of *Tamarix dioica* Roxb. **BIOMOLECULES**; **2019**, 9(11),722 (**Impact Factor = 4.082**)
 26. **Fatima Saqib**, Naila Jabeen, Muhammad Riaz & Gabriela Sechel .Evaluation of smooth muscle relaxant potential of *Bismarckia nobilis* (Hildebr. & Wendl.) in diarrhea, hypertension and asthma by *ex-vivo* and *in-vivo* method. **BOLETÍN LATINO AMERICANO Y DEL CARIBE DE PLANTAS MEDICINALES Y AROMÁTICAS**; 18 (2): 204 - 222 (**2019**). (**Impact Factor = 0.297**)
 27. **Fatima Saqib**. Zubia Mushtaq, Khalid Hussain Janbaz, Imran Imran, Saikwat Deawnjee ,Muhammad Zia-ul-Haq, Lorena Dima. Pharmacological Basis for the medicinal use of *Michelia champaca* in gut, airways and cardiovascular disorders. Asian Pacific journal of Tropical Medicine. **2018**.11(4) 292-298. (**Impact Fator 1.940**).
 28. **Fatima Saqib**, Sakeena Hasan, Imran Imran, Ambreen Aleem and Khalid Hussain Janbaz, Pharmacological effects of *Cnicus arvensis* on the gastrointestinal system Bangladesh Journal of Pharmacology. **2018**: 13,16-22. (**Impact Factor: 1.306**).
 29. Abdul AZIZ, **Fatima SAQIB**, Imran A. KHAN, Muhammad M. ASHRAF, Muhammad N. ASHRAF & Muhammad A. RAZA Dermatological Evaluation of Anti-Irritant and Anti-Inflammatory. Effect of Plumerin-R Isolated from the Latex of *Plumeria rubra* Linn. *Latin American Journal of Pharmacy*. **37** (2): 317-20 (2018). **Impact Factor: 0.240**
 30. **Fatima Saqib**, Khalid Hussain Janbaz. Rationalizing ethno pharmacological uses of *Alternanthera sessilis*: A folk medicinal plant of Pakistan to manage diarrhea, asthma and hypertension. Journal of Ethnopharmacology; 182, (**2016**)110–121. (**Impact Factor: 3.690**).

31. Imran Ahmad Khan, Khalid Hussain Janbaz and **Fatima Saqib**. Antidiarrheal activity of methanolic leaf extract of *Rumex vesicarius*. Bangladesh Journal of Pharmacology. **2016**; 11: 175-180. (**Impact Factor: 1.306**).
32. Muhammad Masood Ahmed, Shumaila Andleeb, **Fatima Saqib**, Musaddique Hussain, Most. Nurtaj Khatun, Bashir Ahmad Ch and Hafizur Rahman. Diuretic and serum electrolyte regulation potential of aqueous methanolic extract of *Solanum surattense* fruit validates its folkloric use in dysuria. BMC Complementary and Alternative Medicine (**2016**) 16:166; DOI 10.1186/s12906-016-1148-3. (**Impact Factor: 2.833**).
33. Janbaz, K.H. and **Saqib, F**. Pharmacological evaluation of *Dactyloctenium aegyptium*: An indigenous plant used to manage gastrointestinal ailments. *Bangladesh Journal of Pharmacology*, 2015, 10: 295-302. (**Impact Factor: 1.306**).
34. Khalid Hussain Janbaz, Waseem-Ullah Khan, **Fatima Saqib** and Mamoonah Khalid Pharmacological basis for the medicinal use of *Viola odorata* in diarrhea, bronchial asthma and hypertension. *Bangladesh Journal Pharmacology*; 2015; 10: 836-843 DOI: 10.3329/bjp.v10i4.23889. (**Impact Factor: 1.306**).
35. **Fatima Saqib**, Mubeen Ghulam Ahmed¹, Khalid Hussain Janbaz¹, Saikat Dewanjee, Hawa ZE Jaafar and Muhammad Zia-Ul-Haq. Validation of ethnopharmacological uses of *Murraya paniculata* in disorders of diarrhea, asthma and hypertension. *BMC Complementary and Alternative Medicine*, (2015) 15:319;DOI 10.1186/s12906-015-0837-7. (**Impact Factor: 2.833**).
36. Janbaz, KH, Akhtar, T, **Saqib, F**, Imran, I, Haq, MZU, Janaskul, C, Feo, V.D, and Moga, M. Pharmacological justification of use of *Solena heterophylla* Lour. in gastrointestinal, respiratory and vascular disorders. *Journal of Translational Medicine*, (2015), 13:134; doi:10.1186/s12967-015-0470-8. (**Impact Factor: 4.124**).
37. Janbaz, K.H., Javed, S., **Saqib, F**., Imran, I., Zia-Ul-Haq, M. and Feo, V.D. Validation of ethnopharmacological uses of *Heliotropium strigosum* Willd. as spasmolytic, bronchodilator and vasorelaxant remedy. BMC Complementary and Alternative Medicine, 2015, 15:169; DOI 10.1186/s12906-015-0697-1. (**Impact Factor: 2.833**).
38. **Saqib, F**. Janbaz, K. H. and Sherwani, M. K. *In vitro* inhibitory potential of methanolic extract of *Celosia argentea* var. *cristata* on tyrosinase, acetylcholinesterase and

- butyrylcholinesterase enzymes. *Bangladesh Journal of Pharmacology*, 2015, 10(2): 449-454. **(Impact Factor: 1.306)**.
39. Janbaz, K.H., Ahsan, M.Z., **Saqib, F.**, Imran, I., Zia-Ul-Haq, M., Rashid, M.A., Jaafar, HZE, Moga, M. Scientific basis for use of *Pyrus pashia* Buch.-Ham. ex D. Don. fruit in gastrointestinal, respiratory and cardiovascular ailments. *PloS One*, 2015, 10(4): e0118605-e0118605. **(Impact Factor: 2.740)**.
 40. Imran Ahmad Khan, Abdul Aziz, **Fatima Saqib**, Shaukat Hussain Munawar, Zahid Manzoor and Muhammad Asif Raza. Pharmacological evaluation of *Rumex vesicarius* Linn leaf extract and fractions in rabbit gastrointestinal ailment. *African journal of Pharmacy and Pharmacology*, 2014, 8(12), 333-341,29.
 41. Janbaz, K.H. Qayyum, A. **Saqib, F.**, Imran, I., Zia-ul-Haq, M., De Feo., V. Bronchodilator, vasodilator and spasmolytic activities of *Cymbopogon martini*. *Journal of Physiology and Pharmacology*, 2014, 65(6):859-866. **(Impact Factor: 2.644)**.
 42. Janbaz, K. H., Arif, J., **Saqib, F.**, Imran, I., Ashraf, M., Zia-Ul-Haq, M., Jaafar, H.Z.E., De Feo. V. *In-vitro* and *in-vivo* validation of ethnopharmacological uses of methanol extract of *Isodon rugosus* Wall. ex Benth (Lamiaceae). *BMC complementary and alternative medicine*, 2014, 14(1): 71 doi:10.1186/1472-6882-14-71**(Impact Factor: 2.833)**.
 43. Janbaz, K.H., Nisa, M., **Saqib, F.**, Imran, I. Haq, M.Z., Feo, V.D. Bronchodilator, vasodilator and spasmolytic activities of methanolic extract of *Myrtus communis* L. *Journal of Physiology and Pharmacology*, 2013, 64(4): 479-484. **(Impact Factor: 2.644)**.
 44. Janbaz, K.H., Latif, M.F., **Saqib, F.** Imran, I., Zia-Ul-Haq, M. and Feo, V. D. Pharmacological effects of *Lactuca serriola* L in experimental model of gastrointestinal, respiratory and vascular ailments. *Evidence-Based Complementary and Alternative Medicine*. Volume 2013; Article ID 304394, 9 pages, <http://dx.doi.org/10.1155/2013/304394>. **(Impact Factor: 2.813)**
 45. **Saqib, F.**, Janbaz, K. H., Latif, M. F., Gilani, A. H., and Bashir, S. Ethno pharmacological studies on antispasmodic, bronchodilator and antiplatelet aggregation activities of *Blepharis edulis*, Pers. *Asian Journal of Natural and Applied Sciences*, 2012, 1(1):33-45.

Supervision of Ph.D. Research Students (Completed 3)

Sr. No	Name of students	Title	Session
1.	Mamoona Khalid (01-PhDL-S18)	Screening of <i>Achyranthus bidentata</i> , <i>Alhagi maurorum</i> and <i>Coronopus didymus</i> in search of pharmacological activities concerning gastrointestinal, respiratory and cardiovascular systems.	2018-23 Registered
2.	Muhammad Muqet Wahid (04-PHDL-S18)	Exploration of Pharmacological potential of indigenous plants of family <i>Cucurbitaceae</i> in cardiovascular, gastrointestinal and respiratory ailments.	2018-23 completed
3.	Anam Ali (05-PHDL-S18)	Pharmacological evaluation of <i>Rosa webbiana</i> , <i>Hibiscus trionum</i> and <i>Salvia nubicola</i> for possible therapeutic utility in cardiovascular, gastrointestinal and respiratory disorders.	2018-23 Completed
4.	Iram Iqbal 02-PHDL-S-21	Pharmacological integrated approaches to evaluate therapeutic potential of <i>Haloxylon griffithii</i> and <i>Parthenium hysterophorus</i> in Cardiovascular, respiratory and Gastrointestinal systems.	2021-2026 Registered
5.	Rabia Naz 07-PHDL-S-21	Pharmacological evaluation of <i>Tradescantia spathacae</i> & <i>Tradescantia pallida</i> for possible therapeutic utility in urinary, respiratory, gastrointestinal and cardiovascular system	2021-2026 Registered

Supervision of M.Phil. Research Students (40 students completed)

Sr. No	Name of Students	Title	Session
1.	Madiha Nasir 07-PHL-S-22	Scientific exploration of <i>Pinus roxburghii</i> for possible therapeutic effects on urinary system	2022-24
2.	Syeda Urooj Fatima Gillani 09-PHL-S-22	Ex vivo and In vivo studies of <i>Eleocharis dulcis</i> on cardiovascular system	2022-24
3.	Mehwish Ayaz 01-PHL-S21	Pharmacological evaluation of <i>Montanoa guatemalensis</i> B.L.Rob. & Greenm for possible cardiovascular effect	2021-23
4.	Iram bibi 06-PHL-S21	Pharmacological exploration of <i>oligomeris linifolia</i> for possible therapeutic potential in urinary system	2021-23
5.	Ayesha Akhtar 11-PHL-S21	Ex vivo and In vivo studies of <i>Viola canescens</i> Wall. on cardiovascular system	2021-23
6.	Muhammad Hassan Bilal 09-PHL-S21	Scientific study of <i>Alternanthera brasiliensis</i> (L.) Kuntze for its possible Pharmacological effects on urinary system.	2021-23
7.	Muhammad Usama 03-PHL-S19	Disease co-morbidities and survival of Covid-19 Hospitalized Patients in Corona Pandemic.	2019-21

8.	Asad Ali 06-PHL-S19	Studies pertaining to evaluation of <i>Populus ciliata</i> Wall.ex Royle for possible pharmacological potential.	2019-21
9.	Tooba Memoon 08-PHL-S19	Pharmacological investigation of <i>Zoysa matrella</i> (L.) Merr for possible therapeutic potential.	2019-21
10.	Shamsa Yaqoob 10-PHL-S19	Ethnopharmacological evaluation of <i>Mesembryanthemum cordifolium</i> for possible therapeutic potential.	2019-21
11.	Irma Farooq 16-PHL-S19	Exploration of <i>Ruellia tuberosa</i> for medicinal use in various diseases.	2019-21
12.	Yumna Shafiq 19-PHL-S19	Pharmacological evaluation of <i>Origanum vulgare</i> for possible Medicinal utility.	2019-21
13.	Sadia Younas 21-PHL-S19	Studies pertaining to evaluation of <i>Nemesia strumosa</i> for possible pharmacological potential.	2019-21
14.	Arif Aslam 04-PHL-S18	Pharmacological Screening of <i>Anogeissus acuminata</i> for therapeutic utility in various ailments.	2018-20
15.	Khizra Mujahid 05-PHL-S18	Studies pertaining to evaluation of <i>Viola tricolor</i> for possible pharmacological potential.	2018-20
16.	Naseer Ahmed 09-PHL-S18	Pharmacological evaluation of <i>Tabebuia rosea</i> for possible therapeutic potential.	2018-20
17.	Memona Asma 12-PHL-S18	Pharmacological evaluation of ethnopharmacological claims of <i>Panicum milliaceum</i> in experimental animal models.	2018-20
18.	Rabia Naz 24-PHL-S18	Studies pertaining to evaluation of <i>Pelargonium zonale</i> for possible pharmacological potential.	2018-20
19.	Shehneela Malik 25-PHL-S18	Exploration of <i>Himalaiella heteromalla</i> for medicinal use in various diseases.	2018-20
20.	Zasheer Mustafa 26-PHL-S18	Pharmacological evaluation of <i>Sansevieria trifasciata</i> for possible therapeutic potential	2018-20
21.	Sidra Mehmood 03-PHL-S17	Pharmacological Screening of <i>Beaucarnea recurvata</i> for therapeutic utility in various ailments	2018-20
22.	Mahtab-ul- Hassan 11-PHL-S17	Studies pertaining to evaluation of <i>Schefflera actinophylla</i> for possible pharmacological potential.	2016-2018

23.	Nida Arshad Shairi 14-PHL-S17	Pharmacological evaluation of <i>Asparagus setaceus</i> for possible therapeutic potential.	2016-2018
24.	Fizza Ameer 16-PHL-S17	Exploration of <i>Yucca gloriosa</i> for medicinal use in diarrhea, asthma and hypertension	2016-2018
25.	Mahpara Arshad 05-PHL-S16	Pharmacological screening of <i>Callistemon lanceolatum</i> for therapeutic utility in gut, airways and vascular disorders.	2015-2017
26.	Zunaira Asghar Ali 06-PHL-S16	Exploration of Pharmacological activities of <i>Trigonella corniculata</i> .	2015-2017
27.	Naila Jabeen 10-PHL-S16	Screening of Pharmacological potential of <i>Bismarckia nobilis</i> in gastrointestinal, respiratory and cardiovascular ailments.	2015-2017
28.	Mamoona Khalid 01-PHL-S15	Search for Pharmacological activity of <i>Sonchus asper</i> (L.) on <i>in vitro</i> and <i>in vivo</i> animal models	2014-2016
29.	Sakeena Hassan 05-PHL-S15	Screening of <i>Cnicus arvensis</i> (L.) for possible presence of Pharmacological activity in gastrointestinal, respiratory and cardiovascular systems.	2014-2016
30.	Faria Khurshid 06-PHL-10	Pharmacological validation of <i>Suaeda fruticosa</i> for therapeutic utility in gastrointestinal and respiratory disorders.	2010-2012
31.	Zubia Mushtaq 09-PHL-10	Pharmacological investigation of <i>Michelia champaca</i> for therapeutic utility in gastrointestinal, respiratory and cardiovascular disorders.	2010-2012
32.	Shumaila Andleeb 19-PHL-10	Pharmacological evaluation of the folkloric indications of <i>solanum surattense</i> , Burn.in gastrointestinal and respiratory system	2010-2012
33.	Mobeen Ghulam Ahmed 07-PHL-10	Pharmacological evaluation of <i>Murraya paniculata</i> for possible remedy of gastrointestinal, respiratory and cardiovascular disorder	2010-2012
34.	Hafiza Afeefah Sattar 10-PHL-10	Pharmacological evaluation of <i>Aesculus indica</i> in gastrointestinal, respiratory and cardiovascular disorders.	2010-2012
35.	Mahwish Shoukat 03-PHL-10	Pharmacological screening of <i>Trianthema triquetra</i> for the possible presence of spasmolytic, bronchodilator and vasorelaxant activities	2010-2012
36.	Saima Rafiq 14-PHL-10	Scientific studies pertaining to validation of folkloric used of <i>vigna aconitifolia</i> .	2010-2012

37.	Sabir Hussain 15-PHL-10	Search for Pharmacological activities out of <i>Coronopus didymus</i> .	2010-2012
38.	Mariam Khan Sherwani 06-PHL-09	Pharmacological studies relevant to validation of folkloric claims of <i>Celosia argentea var. cristata</i> (L.) O. Kuntze	2009-2011
39.	Shumaila Hassan 08-PHL-09	Studies pertaining to validation of folkloric uses of flowers of <i>Nymphaea alba</i> L.	2009-2011
40.	Abdul Aziz 10-PHL-09	Pharmacological screening of <i>Plumeria rubra</i> Linn. for possible presence of spasmolytic, bronchodilator and vasodilator activities.	2009-2011

PROFESSIONAL RESPONSIBILITIES

- Currently teaching Pharmacology to Pharm D and M.Phil. as well as PhD. classes
Department of Pharmacology, Faculty of Pharmacy, BZU, Multan.
- Supervising M.Phil. Research Students, Department of Pharmacology, Faculty of Pharmacy, BZU, Multan.
- Supervising PhD. Research Students, Department of Pharmacology, Faculty of Pharmacy, BZU, Multan
- Coordinator of 2nd Prof, Pharm D, Faculty of Pharmacy, BZU, Multan.
- Lab Incharge of Pharmacology Lab, Faculty of Pharmacy, BZU, Multan.
- Membre of Departmental Purchase Committee, Department of Pharmacology, BZU, Multan.
- Member of Departmental Admission Committee Department of Pharmacology, BZU, Multan.
- Member of **Departmental Board of Studies, Department of Pharmacology**, BZU, Multan.
- Member of **Departmental Board of Faculty, Faculty of Pharmacy**, BZU, Multan
- DSA Female, Department of Pharmacology, Department of Pharmacology, BZU, Multan.
- Secretary of Departmental Research Ethics committee.

REFERENCES

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