

MUHAMMAD USAMA MAZHAR Ph.D



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PROFESSIONAL SUMMARY

A dedicated teacher/pharmacologist with more than 5 years of teaching experience in different institutes taught a variety of students in nursing, medicine, dentistry, and pharmacy. I have recently completed Ph.D. in Pharmacology from QAU. My research interests are immunopharmacology and toxicology, particularly probiotics anti-inflammatory potential, pharmacology, and toxicology. I am a focused, highly motivated, and deadline-committed, enthusiastic individual with strong interpersonal skills. I have published 14 articles in national and international journals with a cumulative impact factor of 35.6.

EDUCATION AND CREDENTIALS

- DOCTOR OF PHILOSOPHY (Ph.D) IN PHARMACOLOGY, 2020 TO 2025 (CGPA: 4.1/5) **(PCD= 36206)**
Quaid-i-Azam University, Islamabad
- MASTER OF PHILOSOPHY (M.PHIL) IN PHARMACOLOGY, 2015 TO 2017 (CGPA: 3.54/4)
Riphah International University, Islamabad
- DOCTOR OF PHARMACY (PHARM D), 2009 TO 2014 (CGPA: 3.73/4)
The University of Lahore, Lahore

REGISTRATION

- **REGISTERED PHARMACIST IN PAKISTAN (PUNJAB PHARMACY COUNCIL, LAHORE, PAKISTAN)**
- REGISTRATION NO: 11831-A/14

PROFESSIONAL EXPERIENCE

TEACHING EXPERIENCE: (5 YEARS)

- **Assistant Professor**, Dept of Pharmacy & Allied Health Sciences, Iqra University, Chak Shahzad Campus, Islamabad **(March 2025- Present)**
- **Visiting Lab instructor Anatomy**, Quaid i Azam University, Islamabad, **(Sep 2023-Feb 2024) (6 months)**
- **Visiting Lab instructor Pharmacology**, Quaid i Azam University, Islamabad, **(Sep 2021-Feb 2022) (6 months)**
- **Pharmacist/Lecturer** Dept. of Pharmacology, CMH-Lahore Medical College, Lahore **(July 2018- Feb 2020) (1 year and 9 months)**
- **Lecturer** at Yusra Institute of Pharmaceutical Sciences (YIPS) **(March 2015-October 2016) (1 year and 7 months)**

HOSPITAL EXPERIENCE:

- **Hospital Pharmacist** at Ali Medical Center, Islamabad **(May 2018- June 2018)**
- **6 weeks Internship** at Quaid-e-Azam International Hospital (QIH), Islamabad Pakistan **(April-May 2014)**

HONORS AND AWARDS

- Awarded scholarship in 5th semester Pharm.D. Exam (June 2011) for 3rd position in Class
- Awarded scholarship in 6th semester Pharm.D. Exam (Jan 2012) for 2nd position in Class
- Awarded scholarship in 7th semester Pharm.D. Exam (June 2012) for 2nd position in Class
- Awarded scholarship in 9th semester Pharm.D. Exam (Jan 2013) for 2nd position in Class
- Stood 2nd in the batch of spring Pharm.D. (2009-2014) with CGPA = 3.73
- **Awarded Best Teacher of Session 2015-16 at Yusra Institute of Pharmaceutical Sciences (YIPS).**
- Awarded **Prime Minister's Laptop** during PhD on merit under the PM Laptop Scheme (2024).

ADMINISTRATIVE ROLE

- Warden Boys Hostel CMH Lahore Medical College, Lahore (July 2018- Feb 2020)
- Designed prospectus, maintained Facebook page and participated in admission campaigns at Yusra Institute of Pharmaceutical Sciences (YIPS), Islamabad.

RESEARCH PUBLICATIONS (14) TOTAL IMPACT FACTOR= 35.6

1. Noor R, Naz S, Khan JZ, **Mazhar MU**, Khan N, Ilyas Z, Tanveer O, Haq IU and Tipu MK (2025), Santonin attenuates Ovalbumin-induced airway inflammation by inhibiting IL-4/IL-13 signaling, *Biochemical and Biophysical Research Communications*, 777, 152284. (IF= 2.2)
2. Zulfiqar T, Tipu MK, Khan MT, Abouzied AS, Al Kazman BS, Alshammari SO, Alshammari QA, Alshammari A, Malik MNH, Ali A, **Mazhar MU**, Jabeen H (2025). Comprehensive safety assessment and therapeutic potential of *Pediococcus acidilactici* NMCC-B in attenuating arthritis progression. *PloS one*, 20(5), p.e0324060. (IF= 2.9)
3. Buttar PA, **Mazhar MU**, Khan JZ, Jamil M, Abid M, Tipu MK, Ashique S, Yasmin S, Shorog E, Ansari MY (2025). *Saccharomyces boulardii* (CNCM I-745) ameliorates Ovalbumin-Induced Atopic Dermatitis by modulating the NF-κB signaling in skin and colon. *Arch Dermatol Res*. 2025 Feb 26;317(1):500 (IF= 2.1)
4. **Mazhar MU**, Naz S, Zulfiqar T, Khan JZ, Hilal F, Ghazanfar S, Tipu MK. *Bacillus subtilis* (NMCC-path-14) ameliorates acute phase of arthritis. *Inflammopharmacology*, 2025 Feb,26 (IF= 5.3)
5. **Mazhar MU**, Naz S, Khan JZ, Khalid S, Ghazanfar S, Tipu MK, Ashique S, Yasmin S, Shorog E, Ansari MY. Safety Evaluation and antioxidant potential of new probiotic strain *Bacillus subtilis* (NMCC-path-14) in Balb/c mice by sub-acute repeated dose toxicity. *Helyion*, 2024 e38581 (IF= 3.6)
6. **Mazhar MU**, Naz S, Khan JZ., Azam S, Ghazanfar S, Tipu MK. Protective potential of *Bacillus subtilis* (NMCC-path-14) against extraarticular manifestations during acute and sub-acute phase of arthritis using mice model. *Biochemical and Biophysical Research Communications*, 2024 150708 (IF= 2.2)
7. Khan JZ, Zainab SR, Rehman MU, Abid M, **Mazhar MU**, Shah FA, Tipu MK. Chronic stress intensify PTZ-induced seizures by triggering neuroinflammation and oxidative stress. *Biochemical and Biophysical Research Communications*. 2024 Oct 15;729:150333. (IF= 2.2)
8. Naz S, **Mazhar MU**, Faiz S, Malik MN, Khan J, Haq IU, Zhu L, Tipu MK. In vivo evaluation of efficacy and safety of Coagulansin-A in treating arthritis. *Toxicol Appl Pharmacol*. 2024 Jun 20:117008. (IF= 3.4)

9. Naz S, **Mazhar MU**, Yadav U, Ali HA, Khasawneh F, Ihsan-Ul-Haq, Tipu MK, Zhu L. Anti-inflammatory and anti-arthritic potential of Coagulansin-A: in vitro and in vivo studies. *Inflammopharmacology*. 2024 Apr;32(2):1225-1238. (IF= 5.3)
10. **Mazhar MU**, Naz S, Zulfiqar T, Khan JZ, Ghazanfar S, Tipu MK. Immunostimulant, hepatoprotective, and nephroprotective potential of *Bacillus subtilis* (NMCC-path-14) in comparison to dexamethasone in alleviating CFA-induced arthritis. *Naunyn Schmiedeberg Arch Pharmacol*. 2024 May;397(5):3275-3299. (IF= 3.1)
11. **Mazhar MU**, Anwar F, Saleem U, Ahmad B, Mirza MU, Ahmad S. Antiplatelet and anticoagulant activities of *Astragalus sarcocolla* Dymock. *Pharmacognosy Magazine*. 2022;18(80):1066-1074. (IF= 0.9)
12. Bilal R, Ahmad NS, Zaffar S, **Mazhar MU**, Siddiqui WA, Tariq S. Rasagiline Pharmacokinetics in CYP1A2 Variant Healthy Smokers & Non-smokers in Different Doses. *Pak J Med Sci*. 2022 Mar-Apr;38(3Part-I):589-594. (IF= 1.2)
13. Siddiqui WA, **Mazhar MU**, Malik JA, Talat A, Zaffar S, Rashid H, Chattha IR. The Spasmolytic Effect of *Astragalus Sarcocolla* on the Intestinal Smooth Muscles of Rabbit In Vitro: Potassium Channel Opening. *Cureus*. 2020 Jul 8;12(7) (IF= 1.2)
14. **Mazhar MU**, Muneer K, Anwar F, Siddiqui WA, Qureshi A, Bilal R, Ahmad B. (2020) *In-vitro* anticoagulant activity of three extracts of *Astragalus sarcocolla*. *Pakistan J Med Heal Sci*. 2020;14(2):393–6.

WORKSHOPS/CONFERENCES ATTENDED:

- Workshop titled “Clinical Pharmacy in a Global Perspective and its Practices in Pakistan” organized by U.O.L by in collaboration with S.K.M.C.H & R.C, held at Isb on April 7, 2012.
- Workshop titled “Roadmap to excellence: Learning from global trends” organized by U.O.L in collaboration with S.K.M.C.H & R.C at Isb on September 18, 2013.
- Seminar on “Endnote and sample size calculation” organized by Riphah Institute of Pharmaceutical Sciences (RIPS), Lahore on 26th April, 2015
- Workshop on ‘Role of Pharmacist in Healthcare setup’ held at Yusra Institute of Pharmaceutical sciences (YIPS), Islamabad in September, 2016.
- Attended 3rd International Conference on Patient Safety ‘From knowledge to Improvement’ held at CMH-Lahore Medical College and Institute of Dentistry, Lahore November 3-4, 2018
- Participated in Poster Presentation titled “Platelet Aggregation Inhibition and anticoagulation potential of A. sarcocolla” at ‘3rd International Conference on Recent Innovations in Pharmaceutical Sciences’ organized by Riphah Institute of Pharmaceutical Sciences (RIPS), Islamabad on March 13-14th 2019.

SKILLS

- Power point presentation, Microsoft Word, Microsoft Excel,
- Graph Pad Prism, SPSS, Image J

ADDITIONAL INFORMATION

Languages: Urdu (native), English (highly proficient)

Other: Married, PK National

Interests: Sports, Movies, Reading.

REFERENCES

1. Dr. Muhammad Khalid Tipu

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