

DR. FAROOQ AZAM
PhD PHARMACY (PHARMACEUTICAL CHEMISTRY)
HEAD OF PHARMACY DEPARTMENT,
UNIVERSITY OF AGRICULTURE FAISALABAD.

Email: dr.farooq@uaf.edu.pk
elitepharmacist2015@gmail.com
farooq.leo@hotmail.com

Contact# 0300-8381621

0333-7626211

HEC APPROVED SUPERVISOR FOR PhD

- ❖ **Notified as HEC approved supervisor for PhD vide HEC letter NO. Ref. HEC/HRD/ASA/2020/44724, w.e.f. (March 2020 extended up to March 2026).**

EDUCATIONAL ACHIEVEMENT

- ❖ **Got Established (2022-23) a new Educational entity “THE UNIVERSITY OF KAMALIA, KAMALIA” (A Public Sector University). Under personal supervision in addition to my own duties at University of Agriculture Faisalabad.**
- ❖ **Arranged an informative lecture for Pharm-D students by inviting Pharmacy teachers from POLAND “Associate prof. Alicja Nowaczyk & Dr. Lukasz Fijalkowski, Ludwik” Rydygier Collegium Medicum in Bydgoszcz Nicolaus Copernicus, University in Torun, Poland.**

TEACHING/ RESEARCH & PROFESSIONAL EXPERIENCE

- ❖ **Seventeen years Teaching & Research Experience at Department of Pharmacy University of Agriculture Faisalabad & Bahauddin Zakariya University Multan.**
- ❖ **Ten year Professional Experience as Pharmacist/Drug Inspector Health Department Government of Punjab Lahore.**

PUBLICATIONS

1. **Farooq Azam, Hira Ijaz and Junaid Qureshi (2020). Functionalized crosslinked interpenetrating polymeric network for pH responsive colonic drug delivery. International Journal of polymeric materials and polymeric biomaterials. Published March 27, 2020. (IF:2.236).**

2. **Farooq Azam**, Bashir Ahmad Chaudhry, Hira Ijaz & Muhammad Imran Qadir (2019). Caffeoyl- β -D-glucopyranoside and 1,3-dihydroxy-2-tetracosanyl-amino-4-(E)-nonadecene isolated from *Ranunculus muricatus* exhibit antioxidant activity. Journal of *Scientific reports/Nature research* (2019), 9:15613 <https://doi.org/10.1038/s41598-019-52166-w> (**Published October 2019**). (**IF: 4.122**).
3. **Farooq Azam**, M. Imran Qadir, Muhammad Uzair & Bashir Ahmad. Evaluation of antibacterial & antifungal activity of *Ficus carica* and *Cassia fistula*. Lat. Am. J. Pharm, **32** (9)1412-4 (2013). **Published (IF: 0.401)**.
4. **Farooq Azam**, Bashir Ahmad, Muhammad Uzair, Muhammad I. Qadir. Leishmanicidal activity of Aerial parts of *Ranunculus muricatus* and isolation of Stigmasterol & β -sitosterol as active constituents. Lat. Am. J. Pharm, **37**(9): 1905-8 (2018). **Published (IF:0.401)**.
5. Hira Ijaz, Ume Ruqia Tulain, **Farooq Azam**, Junaid Qureshi (2019). Thiolation of arabinoxylan and its application in the fabrication of PH sensitive thiolated arabinoxylan grafted acrylic acid copolymer. Drug Dev. and Industrial Pharmacy, (Taylor & Francis). **45** (5),754-766 (**Published**) (**IF:2.295**)
6. Is cannabidiol, A promising substance for new drug development? A review of its potential therapeutic application. Nida Noreen. Faqir Muhammad, Bushra Akhtar, **Farooq Azam** Muhammad Irfan Anwar (Critical review in Eukaryotic Gene Expression) **28** (1) 73-86 (2018). **Published. (IF: 1.734)**.
7. Comprehensive analysis of phytochemical constituents, ethno pharmacological investigation of genus *Datura*. Muhammad Ibrahim, Shanza Siddique, Kanwal Rehman, Muhammad Hussain, Ajaz Hussain, Muhammad Sajid Hamid Akash, **Farooq Azam**. **28**(3), 2018. (DOI: **10.1615/CrtiRevEukaryotExpr.201802253**) **Published. (IF: 1.734)**.
8. Effect of food azo-dye tartrazine on physiological functions of pancreas and glucose homeostasis. Kanwal Rehman, Amna Ashraf, **Farooq Azam**, Muhammad Sajid Hamid Akash. Turkish journal of Biochemistry **44**(2), 2018. TJB.2017.0296.R2. (**Published**) (**IF:0.329**)
9. A. Salman, A.S. Qureshi, J.A. Khan, R.U. Shahid, F. Deeba, **F. Azam** (2019). Influence of *Ginkgo Biloba* on Birth weight and Histomorphometric Characteristics of Neonatal Kidneys in Albino Rats. The *J. anim. and plant sci.* **29**(5) 2019 (**Published**) (**IF: 0.529**).

10. Sabi-ur-rehman, **Farooq Azam**, Shaheed Ur Rehman, Tasbeeh Ur Rahman, Ayeza Mehmood, Afshan Gohar and Abdul Samad*. A review on botanical, phytochemical and pharmacological reports of *Conocarpus erectus*. *Pakistan Journal of Agricultural Research*, **32** (1), pp.212-217 2019. ISSN: 0251-0480 HEC Recognised Journal **(Published)**.
11. Sabi-Ur-Rehman, Qazi Najam Us Saqib, **Farooq Azam**, Shaheed-Ur-Rehman, Neelam Zaman, Anwar Khalid, Ayeza Mehmood, Abdul Samad. *In-vitro* antimicrobial analysis of aqueous methanolic extracts and crude saponins isolated from leaves and roots of *Sarcococcaligna*. *Pakistan Journal of Agricultural Research* **32**(2), 268-2074, 2019. ISSN: 0251-0480 HEC Recognised Journal **(Published)**.
12. **Farooq Azam**, Sabi-Ur-Rehman, Samina Bano, Hafiz Ahmad Hamad. Phytochemical and Biological reports of *Ficus carica* Linn. stem bark. A review. *Hamdard medicus*, **61**(2):10-16, 2018. ISSN: 0250-7188 **(Published)**.
13. **Farooq Azam**, Samia Munier, Mliha Batool, Bashir Ahmad, Ghazanfar Abbas. A review on advancements in ethno medicine and phyto-chemistry of *Tribulus terrestris* a plant with multiple health benefits. A systemic review. *Int.J of Biosci.* **14** (1), 21-37 (2019). **(Published). (ISSN: 2222-5234 ISI LIST)**.
14. **Farooq Azam**, Sabi-Ur-Rehman*, Hafiz Ahmad Hamad, Anwar Khalid, Abdul Samad. *In-vitro* assessment of anti-bacterial, anti-fungal and anti-oxidant potential of *Ficus carica* stems bark. *Int.J of Biosci*, **14**, (1), p. 520-524, 2019. **(Published). (ISSN: 2222-5234 ISI LIST)**.
15. Methanolic Extract of *Cherianthus cheiri* (todri) Ameliorates Gentamicin Induced Nephrotoxicity in Rabbits. Arzoo Shahzad, Muhammad Naeem Faisal, Haseeb Anwar, **Farooq Azam**, Tanweer Khaliq, Aisha Mahmood, Humaira Muzaffar, Muhammad Adeel **(Accepted) TJPR**.

BOOK CHAPTER PUBLISHED

Hira Ijaz, **Farooq Azam**, Ume Ruqia Tul-Ain, Junaid Qureshi. Polymeric Hydrogel for Controlled Drug Delivery: A Review. Hand book of encapsulation and controlled release.

Publisher: Taylor and Francis (**CRC Press**).

BOOK MANUALS PUBLISHED

Farooq Azam, Faqir Muhammad, Asif Mahmood, Dawood Naseer, Bushra Akhtar and M. Imran Niazi (2017). A Practical Manual of Biopharmaceutics and Pharmacokinetics (ISBN: 978 – 969 – 23209 – 1 – 7).

Asif Mahmood, **Farooq Azam**, Bushra Akhtar and M. Imran Khan (2017). A Practical Manual for Pharmaceutical Quality Management

(ISBN: 978 – 969 – 23209 – 0 – 0)

Bushra Akhtar, **Farooq Azam**, Asif Mahmood, Rana Dawood Naseer & Wafa Majeed (2017). A Practical Manual of Pharmaceutical Dosages Pharm (ISBN: 978 – 969 – 23209 – 2 – 4)

Farooq Azam, Hira Ijaz (2018). Practical Manual of Biopharmaceutics ISBN: 978 – 969 – 8237 – 80 – 6)

Farooq Azam, Sabiur Rehman, Hira Ijaz, Samina Bano (2018). Manual of Extraction and identification of Crude drugs (ISBN: 978 – 969 – 8237 – 81 – 3)

CONFERENCES SEMINAR ATTENDED

1. Attended NASIC Workshop on Modern Spectroscopic Techniques and Their Applications in Structure Determination at ICCBS Karachi, University of Karachi (December 1-3, 2014).
2. Attended five days international training entitled “Advanced Community Based Prevention, Detection, and Response to All Hazards Training Program” arranged by THE CENTER for AGRICULTURE and FOOD SECURITY and PREPAREDNESS, The University of TENNESSEE, INSTITUTE of AGRICULTURE, COLLEGE of VETERINARY MEDICINE USA held at Bangkok Thailand (July 31, 2017-August 04, 2017).
3. Attended International workshop “RESEARCH METHOD IN NUTRITION” organized by National Institute of Food Science and Technology University of Agriculture Faisalabad, In Collaboration with Faculty of Health and Social Care University of Chester, UK & University of Reading, UK (December 13-14, 2016).
4. Attended Three days, International conference on Pharmacy Practice (ICCP-2017) “Emerging Role of Pharmacist in Patient Centered Care” Organized by Faculty of Pharmacy & Alternative Medicines, The Islamia University of Bahawalpur, in collaboration with Higher Education Commission of Pakistan. (January 12 – 14, 2017).
5. Attended One-day Workshop on “PCR – THE BASICS AND BEYOND” organized by Molecular care, Department of Biochemistry, University of Agriculture Faisalabad, Pakistan (28th January, 2017).

6. Attended National Workshop on Teaching and Research Techniques in Anatomy organized by department of Anatomy University of Agriculture Faisalabad (**February 15- 16, 2017**).
7. Participated in Government of Pakistan and World Health Organization Collaboration “National Consultation for Development of National Action Plan on AMR for Pakistan” Ministry Of National Health Services Regulations and Coordination, as nominated member from province of Punjab held at ISLAMABAD. (**February 27- March 3, 2017**).
8. Participated in Consultative Session with USPCAS-AFS stake holders on research priorities under supervision of Center for Advance Studies University of Agriculture Faisalabad (**March, 04, 2017**).
9. Attended one-day workshop on “Scientific Writing” organized by society of animal sciences, University of Agriculture Faisalabad (**April, 21, 2017**).
10. Attended one-day interactive seminar/ presentation on "Innovative and Advanced Technologies regarding Molecular Proteomics and Genetics" at UAF in Collaboration with Chemical House, Lahore. University of Agriculture Faisalabad (**April, 24, 2017**).
11. Attended two days training course “Entitled **COMMUNITY BASIC LIFE SUPPORT ORIENTATION COURSE**” Conducted by Punjab Emergency Service, **RESCUE 1122** at University of Agriculture Faisalabad (**May 08-May 09 2017**).
12. Attended three days training program on Statistics for Veterinary & Animal Science using **R (Software)** sponsored by Endowment Fund Secretariat-UAF and organized by the department of Mathematics & Statistics, University of Agriculture Faisalabad (**July 17-19, 2017**).
13. Attended two days’ International Seminar & Training Workshop CRISPR/Cas based Genome Editing arranged by U.S.-Pakistan Center for Advanced Studies in Agriculture & Food Security University of Agriculture Faisalabad (**September 19-20, 2017**).
14. Attended three days training workshop on English for Academic Purposes under Transforming English Language Skills Held at University of Agriculture Faisalabad **December 12-14, 2017** arranged by **Higher Education Commission of Pakistan** (Learning Innovation Division).
15. Attended Three day 1st International conference: Advances in Drug Discovery and development (ICAD3), held on **3-5, January, 2018** at NARC, Islamabad, Pakistan.

Organized by Department of Biochemistry, Abdul wali khan university Mardan (AWKUM)

16. Attended Two Days International Conference on **DAIRY ANIMAL HEALTH CHALLENGES** (DAHC-2018), **17-18, January, 2018**. Organized by Faculty of Veterinary Sciences University of Agriculture Faisalabad, Pakistan.
17. Attended twodays 1st GRIP, s International Conference on Pharmaceutical & Biochemical Sciences (PBS) 7th Pak Pharma & Healthcare Expo 2018, Held on **23-24 January 2018** at Expo Center Lahore. Organized by GRIP & MAPPS
18. Attended one-day seminar on “Investigation of Circulatory Liver Specific MicroRN As an non-invasive diagnostic biomarker of Hepatitis” A novel diagnostic tool, held on **FEB27, 2018**. Organized by Institute of Microbiology, University of Agriculture Faisalabad, Pakistan.
19. Attended two days 3rd **INTERNATIONAL HEALTH TRIGON SUMMIT 2018** (INTER PROFESSIONAL COOPERATION IN PHARMACOTHERAPY) as Oral presenter, organized by **Faculty of Pharmacy**, held at The University of Lahore on **April 17-18, 2018**.
20. Attended one day 1st JOINT CURRICULUM REVIEW MEETING for Pharm-D & M.Phil in Pharmacy, Held on **August 03, 2018**. Organized by Faculty of Pharmaceutical Sciences, Government College University Faisalabad.
21. Attended one-day seminar on poultry disease diagnosis & prevention organized by Institute of Microbiology University of Agriculture Faisalabad (**October 01, 2018**).
22. Attended three days 2nd international Conference of Biochemistry, Biotechnology & Biomaterials, organized by department of Biochemistry, University of Agriculture Faisalabad (**December 09-11, 2018**).
23. Attended as oral presenter /organizer, three days 2nd GRIP, s international conference on Pharmaceutical & Biochemical Sciences (IC-PBS) 8th Pak pharma & healthcare Expo 2019. Organized by group of Researchers & intellectuals of Pakistan (GRIP) & university of Punjab Lahore- Pakistan (**January, 15-17, 2019**).
24. Attended as Organizer/ Oral, Poster presenter, one day 2nd international symposium on Pharmaceutical Sciences “innovation and integration in Pharmaceutical & Biomedical Sciences, way forward for collaboration” organized by Faculty of Pharmaceutical sciences, Government College University Faisalabad in collaboration with Department of Pharmacy, Forman Christian College (A Chartered University)

Lahore, Pakistan (**January 30, 2019**).

25. Attended two days, international symposium on technologies and materials for renewable energy, environment & sustainability as oral presenter. Organized by Department of Chemistry, University of Agriculture Faisalabad (**February 6-7, 2019**).
26. Attended one-day seminar on innovative therapeutic modalities in cardiovascular disorders. Organized by Faculty of Pharmaceutical Sciences, Government College University Faisalabad (**February 20, 2019**).
27. Attended three days international training workshop on Basic techniques in mesenchymal stem cell culture and toxicity assays. Organized by Department of anatomy University of Agriculture Faisalabad (**February 26-28, 2019**).

EVENT ORGANISED

1. Organized Awareness walk & celebrated World AMR Awareness week (WAAW) 2024 (18-25 November 2024) at department of Pharmacy, University of Agriculture Faisalabad.
2. Organized one day scientific seminar on “Appraisal of hispidulin in down regulation of hyperglycemia: A novel therapeutic approach” (December 19, 2024) at department of Pharmacy, University of Agriculture Faisalabad.
3. ORGANISED one-day WORLD PHARMACIST DAY 2024 for the awareness of importance of PHARMACIST IN PAKISTAN at department of Pharmacy, University of Agriculture Faisalabad (**September 25, 2024**).
4. ORGANISED/ CELEBRATED one-day WORLD PHARMACIST DAY 2023 For the awareness of importance of PHARMACIST IN PAKISTAN at Department of Pharmacy University of Agriculture Faisalabad (**September 25, 2023**).
5. ORGANISED one-day WORLD PHARMACIST DAY 2019 for the awareness of importance of PHARMACIST IN PAKISTAN at department of Pharmacy, University of Agriculture Faisalabad (**September 25, 2019**).
6. ORGANISED one-day WORLD PHARMACIST DAY 2018 for the awareness of importance of PHARMACIST IN PAKISTAN at department of Pharmacy, University of Agriculture Faisalabad (**September 25, 2018**).
7. ORGANISED one-day WORLD PHARMACIST DAY 2017 for the awareness of importance of PHARMACIST IN PAKISTAN at department of Pharmacy, University of Agriculture Faisalabad (**September 25, 2017**).
8. Organized Two Days International Conference on **DAIRY ANIMAL HEALTH**

CHALLENGES (DAHC-2018), **17-18, January, 2018**. Organized by Faculty of Veterinary Sciences University of Agriculture Faisalabad, Pakistan.

9. Organized One-day Physiology day and Physiology Walk, Held at Institute of Pharmacy Physiology and Pharmacology University of Agriculture Faisalabad on Dated October 12 (2018).

FACULTY EXCHANGE VISIT

Attended five days international training entitled “Advanced Community Based Prevention, Detection, and Response to All Hazards Training Program” arranged by THE CENTER for AGRICULTURE and FOOD SECURITY and PREPAREDNESS, The University of **TENNESSEE**, INSTITUTE of AGRICULTURE, COLLEGE of VETERINARY MEDICINE USA held at **Bangkok Thailand (July 31 2017- August 04 2017)**. Under Faculty Exchange Program

RESEARCH PROJECT COMPLETED/ SUBMITTED as PI

- Fabrication, *In-vitro*, *In-vivo* & Toxicological evaluation of polymeric micro particulate system for perindopril Erbumine. **0.48 Million**. No. 21 1337/SRGP/HEC/2016. **(Completed October 2018)**.
- Development of crosslinked polymeric system for topical delivery of Metoprolol Tartrate; *in-vitro* and *in-vivo* evaluation, **1.514 Million (2017)**. Endowment fund section UNIVERSITY OF AGRICULTURE FAISALABAD.
- Capacity Building of CAM practitioners and to raise the importance of medicinal plants for human health at school level, **1.8 Million (2017)**. Inter Academy Partnership, NASIC. Prof. Dr. Khalid M. Khan (Coordinator) Prof. Dr. Khalil-ur-Rehman (Resource Person) Dr. Nazish Jahan (Resource Person) Dr. **Farooq Azam (Team Member)**.

Convener/Member/Focal person of committee for specified assignments including academic/research/administrative assignments by the Vice Chancellor/Statutory bodies of UAF

- Worked as Superintendent Liaquat Hall, Sir Syed Hall (November 2016-March 20).
- Remained Notified TUTOR, Dr. Abdul Qadeer Khan-5 group. Vide Notification No. SR.3/16/18/8755.

Community service (Industrial linkages/ collaborations/ MOUs/ Consultancy services, for Pharm-D Students at UAF

- Established Industrial training linkages with SAFFRON PHARMA, FAISALABAD.
- Established Industrial training linkages with MAGNUS PHARMA FAISALABAD.
- Established community Pharmacy training links with LIFE PHARMACY FAISALABAD.
- Got signed MOU with Aziz Fatima teaching Hospital Faisalabad for **clinical training** of Pharm-D students

M. PHIL. SUPERVISION

Supervised Six M. Phil Thesis and three M. Phil Thesis as Supervisory Committee Member