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PERSONAL DETAILS

Fathers Name: Fazal Ghaffar
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ACADEMIC QUALIFICATION

- Doctor of Philosophy. University of Peshawar, Pakistan (2007-2008)
- Master of Philosophy. University of Peshawar, Pakistan (2001-2002).
- B. Pharm. University of Peshawar, Pakistan (2000)

COURSES IN PHARMACY

1. Pharmaceutics 2. Pharmaceutical Biochemistry 3. Human Physiology
4. Organic Chemistry 5. Pharmaceutical Microbiology 6. Pharmaceutical Physical Chemistry 7. Pharmacognosy 8. Clinical Pharmacology 9. Pharmaceutical Inorganic Chemistry 10. Biopharmaceutics & Clinical Pharmacy 11. Pharmaceutical Preparations 12. Industrial Pharmacy 13. Dispensing & Hospital Pharmacy 14. Pharmaceutical Mathematics & Biostatistics 15. Medicinal Chemistry 16. Community Pharmacy 17. Pharmaceutical Analytical Chemistry.

PROFESSIONAL EXPERIENCE

- Internship (six weeks) in Hayatabad Medical Complex Peshawar.
- Lecturer in Department of Pharmacy, University of Malakand from September 2006 till June 2012.
- Assistant professor in Department of Pharmacy, University of Malakand from July 2012 till date.

CONFERENCES/ SEMINAR/ WORKSHOP

- Participated in 1st National workshop on “**Molecular Biology Tools and Techniques**” held on November 12-14, 2018 in the Department of Botany University of Malakand.
- **Organizer** in the National conference on “**Plants: From Food To Phytomedicine**” jointly organized by University of Malakand and University of Sargoda on May 3-4, 2018.
- **Organizer** in the 1st National conference on “**Emerging Trends in Pharmaceutical Sciences**” organized by Department of Pharmacy, University of Malakand on October 9-11, 2017.
- Participated in three days International conference on “**27th National and 15th International chemistry conference Innovation and Sustainability**” jointly organized by the Department of Chemistry and HEC under the Auspices of The Chemical Society Of Pakistan in 2016.
- Participated in **Disaster Management Exhibition** Organised by University of Malakand on 30th May 2014.

- National symposium on **Recent Advances** Organized by Department of Biotechnology held at University of Malakand.
- **Organizer** of the 1st National symposium on “**Old Plants, New Remedies**” at University of Malakand, sponsored by **HEC**, Islamabad 2009.
- Attended conference at Baragali based on “**Rational Use of Drugs**” organized by Pharmacy Department of University of Peshawar in 2000.
- One day workshop on “**World AIDS Day**” at University of Malakand.
- Two days’ workshop on “**Causes and Consequences of HIV/AIDS in Rural and Urban Communities of Pakistan**” at University of Malakand.
- One day workshop on “**Thalassemia**” at University of Malakand, 2017.
- Seminar on “**Good Manufacturing, Storage and Laboratory Practices**” held at Peshawar in April 2003 organized by ministry of health.

ADDITIONAL RESPONSIBILITIES

- Member of Admission Committee of Department of Pharmacy University of Malakand.
- Staff proctor, University of Malakand from 2008 till date.
- Warden of Girls Hostel, University of Malakand for one year.
- Member of School (UPS) Management Committee University of Malakand.
- Reviewer of Journal of Chemical Society of Pakistan.
- External Examiner of M.Phil Scholar, Mr. Rumman, Abasyn University Peshawar, Peshawar.
- External Examiner of M.Phil Scholar, Mr. Saddam Hussain, Abdul Wali Khan University Mardan, Mardan.

LANGUAGES & HOBBIES

- English (Medium of Instruction), Urdu and Pashto (National).
- Baseball.
- Internet

PUBLICATIONS

1. Attiqa Naz, Mohmmad Saeed, Rukhsana Ghaffar, Mehrin Shirazi. *In-vivo* biological investigation of methanolic extract of *Thymus linearis* whole plant. Am J Ethnomed. 2018, 5 (1): 2 1-5.
2. Jahangir Khan, Sajid Bashir, Shahzeb Khan, Ayesha Ihsan, Asif Khan, Sayed W.A. Shah, Barkat A Khan, Naveed Khan, Rukhsana Ghaffar, Mohammad Isreb. Nanonization and characterization of ketoprofen through micro-channel fluidic reactor. Lat Am J Pharm. 2018, 37 (6): 1149-56.
3. Rukhsana Ghaffar, Muhammad Saeed, Manzoor Ahmad, Haroon Khan. Antinociceptive activity of the crude methanolic extract and different fractions of *Viola serpens* Wall. J. Chem. Soc. Pak. 2017.
4. Rukhsana Ghaffar, Muhammad Saeed, Manzoor Ahmad, Haroon Khan, Shujaat Ahmad. In vivo anti-inflammatory characterization of crude extract and solvent fractions of *Viola serpens*. Pure Appl. Biol. accepted 2016.
5. Ikram Ilahi, Jhangir Khan, Rukhsana Ghaffar, Akhtar Hu Kausar Rahman, Sara Wahab, Razia Begum, Maryam Hidayatullah, Asma Amin, Sobia, Muhammad Shoib, Izhar Ahmad, Dawood Ali, AND liaqat Zeb. *In vitro* antioxidant and hepatoprotective activities of *Paeonia emodi* (Wall.) rhizome methanol extract and its phenolic compounds rich fractions. Pak. J. Pharma. Sci., 2016 Sep; 29(5 Suppl):1787-1794.
6. Haroon Khan, Murad Ali Khan, Sajid Hussain, Rukhsana Ghaffar, Nadeem Ashraf. *In vivo* antinociceptive and anticonvulsant activity of extracts of *Heliotropium strigosum*. Toxicol Ind Health 2016; 32: 860-865.
7. Haroon Khan, Muhammad Saeed, Naveed Muhammad, Rukhsana Ghaffar, Farah Gul, Naila Raziq. Lipoxygenase and urease inhibition of the aerial parts of the *Polygonatum verticillatum*. Toxicol Indus Health 2015; 31: 758-763.
8. Haroon Ur Rashid , Muhammad Naveed Umar , Mian Gul Sayed , Nasiara Karim and Rukhsana Ghaffar , Synthesis and evaluation of analgesic, anti-inflammatory and anti-bacterial activity of synthetic porphyrin derivatives. Revue Roumaine de Chimie / Romanian Journal of Chemistry. 2015, 60(9), 861-866.
9. Khaist Rahman, Muhammad Nisar, Amin Ullah Jan, Muhammad Suliman, Ajmal Iqbal, Ayaz Ahmad, Rukhsana Ghaffar. Antimicrobial activity of important medicinal plants on human pathogenic bacteria-IJAAR. Scientific Research Journal Publisher. International Journal of agronomy and Agricultural Research. Vol. 6, no.6, PP 106-111, 2015.

10. Haroon Khan, Muhammad Saeed, Naveed Muhammad, Murad Ali Khan, Afsar Khan, Rukhsana Ghaffar. Lipoxygenase and urease inhibition of the extracts of *Polygonatum verticillatum* rhizome: augmented by its pure molecule, santonin. *J Chem Soc Pak*. 2014; 36: 865-869.
11. Haroon Khan, Muhammad Saeed, Murad Ali Khan, Izhar-ul-Haq, Naveed Muhammad, Rukhsana Ghaffar. Isolation of long chain esters from the rhizome of *Polygonatum verticillatum* by potent tyrosinase inhibition. *Med. Chem. Res*, 2013; 22: 2088-2092.
12. Haroon Khan, Muhammad Saeed Naveed Muhammad, Shafiq Ahmad Tariq, Rukhsana Ghaffar, Farah Gul. Antimalarial and free radical scavenging activities of aerial parts of *Polygonatum verticillatum* (l) all. by GC MS analysis. *Pak J Bot*. 2013; 45: 497- 500.
13. Haroon Khan, Shafiq Ahmad Tariq, Murad Ali Khan, Inayat-Ur-Rehman, Rukhsana Ghaffar and Saifullah. Cholinesterase and lipoxygenase inhibition of whole plant *Withania somnifera*. *Afri J Pharm Pharmacol*, 2011, 5: 2272–2275.
14. Haroon Khan, Muhammad Saeed, Naveed Muhammad, Rukhsana Ghaffar, Saeed Ahmad Khan, and Sohail Hassan. Antimicrobial activities of rhizomes of *Polygonatum verticillatum*: attributed to its total flavonoidal and phenolic contents. *Pak J Pharm Sci* 2012, 25(2): 463-467.
15. Anwar H.Gilini, Arif-ullah Khan, Qaiser Jabeen, Fazal Subhan, Rkhsana Ghaffar. Antispasmodic and blood pressure lowering effects of *Valeriana wallichii* are mediated through K⁺ channel activation. *J Ethnopharmacol*. 2005, 100 (3): 347-52.

REFERENCES

- Professor Dr. Mohammad Saeed, Chairman Department of Pharmacy, University of Peshawar, Peshawar.