

Zahid Munawar

Lecturer of Pharmaceutical Chemistry

Department of Pharmaceutical Sciences

Email Address: zahid.munawar@paf-iast.edu.pk

Researchgate / Google Scholar Profile Link : [Zahid Munawar - Google Scholar](#)



Biography

Mr. Zahid Munawar is a registered Pharmacist in Pakistan since 2012 and currently working as a lecturer in Department of Pharmaceutical Sciences, PAF-IAST. He attained his Pharm.D degree from G.C. University Faisalabad and M.Phil Pharmaceutical Chemistry degree from Riphah International University, Islamabad. He is currently pursuing his PhD in Pharmaceutical Chemistry from The Islamia University Bahawalpur. He has also attained certification in Good Clinical Practices from NIDA clinical trials network, America.

He has previously served as quality assurance manager in a contract research organization (CRO) Cyntax Health Projects PVT Ltd and worked as team member for designing and conducting clinical trials across Pakistan. He is a formulation designing expert for pharmaceutical and skincare products. He has worked in research and development (R and D) section of a reputable skincare brand of Pakistan and developed multiple products which are running in the market. He has over ten years of experience as an academician and researcher at Hamdard University Islamabad Campus and PAF-IAST and worked as co investigator in various research projects of Hamdard Foundation. He has presented his research in various national and international conferences across the country.

Education (Last Two Academic Details)

- **Ph.D. Pharmaceutical Chemistry (Scholar)**
The Islamia University Bahawalpur
- **M.Phil Pharmaceutical Chemistry (2015)**
Riphah International University, Islamabad
- **Pharm.D (2012)**
Government College University, Faisalabad

Experience

1: Teaching Experience:

- Working as **Lecturer** of Pharmaceutical Chemistry at Pak-Austria University of Applied Science and Technology, Mng, Haripur since December 2023.
- Worked as **Manager Production and R & D** at Cyntax Health Projects PVT Ltd from November 2022 to November 2023.

Job responsibilities:

- Development of new formulations for skincare projects
- Batch production of registered skincare products
- Designing and conduction of clinical trials

- Worked as **Lecturer** of Pharmaceutical Chemistry at Hamdard Institute of Pharmaceutical Sciences Islamabad from October,2015 to October 2022.
 - Teaching courses of Medicinal Chemistry, Organic and analytical chemistry, Pharmaceutical Quality Control, Industrial Pharmacy, and Pharmacognosy.
 - Lab manual development of above-mentioned courses
 - Course standardization of Pharmaceutical Chemistry
 - Examination coordinator of department
 - M.Phil. coordinator of department
- Worked as **Teaching Assistant** in Hamdard Institute of Pharmaceutical Sciences, Hamdard University Islamabad Campus from February 2013 to October 2015.
 - Conducted labs in the courses of Medicinal chemistry, Organic and analytical chemistry, Pharmaceutical Quality Control, and Industrial Pharmacy.
 - Lab In-charge of Pharmaceutical Quality Control lab
 - Lab manual development of above-mentioned courses

Projects & Awards

- 2016-18 Co-investigator: *In vitro* and *in vivo* investigation of antiurolithic effects of *Justicia adhatoda* and salt range water and isolation and structure elucidation of active compounds. Hamdard University Research Committee, Hamdard Foundation.

Outcomes: Bioactive compound was isolated from the plant which was responsible for treating kidney stone. Analysis of sample of water from salt range revealed the dissolved salts which are good to cure kidney stones.

Publications

- ✓ **Zahid Munawar**, Kashif ur Rehman Khan, Humaira Nadeem, Saeed Ahmad, M Yasmin Begum, Ayesha Siddiqua, Huma Rao, Muhammad Tariq Khan (2024), Synthesis, characterization, and molecular docking studies of novel hippuric acid anhydrides as potential antiurolithic, analgesic and free radical scavenging agents, Journal of Saudi Chemical Society, Volume 28, Issue 5.
- ✓ **Zahid Munawar** (2020). Relative effectivity of *Berberis lycium* crude extracts against *Salmonella typhi* strains. Hamdard Journal of Pharmaceutical and Allied Sciences. 3(1), 55-64.
- ✓ Muhammad Tariq Khan, Akash Syed, and **Zahid Munawar** (2019). Synthesis, characterization and antihypertensive activity of Thiazolidine derivatives. Hamdard Journal of Pharmaceutical and Allied Sciences. 2(1), 22-29.
- ✓ **Zahid Munawar**, Mateen Abbas (2018). *Assessment of Antiurolithic Potential of Crude Extracts of Berberis lycium by In-vitro Inhibition of Calcium Oxalate Crystallization*. Hamdard Journal of Pharmaceutical and Allied Sciences. 1(2), 30-38.
- ✓ **Zahid Munawar**, Madeeha Malik, and Mateen Abbas (2017). *Pharmaceutical evaluation of Mefenemic acid tablets available in local market of Rawalpindi Islamabad, Pakistan*. Hamdard medicus 60 (1), 48-53.

- ✓ **Zahid Munawar**, Miana. G.A., and Madeeha Malik (2017). Assessment of in vitro activity of crude extracts of Berberis lycium against Salmonella typhi. International Journal of development research. 7(1), 10992-10996.
- ✓ **Z, Munawar & Qadir, M.** (2012). Nicotine addiction: Mechanism and management. Rev pharmacology. 5. 55-60.