

Curriculum Vitae

Dr. Anwar Zeb

PhD Pharmacology



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OBJECTIVES

- Seeking opportunity to serve humanity.
- To carry out more research in a well known institution for the enhancement of my Skills and capabilities to be used for betterment of world

PERSONAL DETAILS

Name:	Anwar Zeb
Father's name:	Sahib Khan
Date of birth:	01-12-1985
NIC No:	15306-2166135-1
Domicile:	Dir Lower (K.P.K)
Religion:	Islam
Nationality and Passport:	Pakistani BN5091353
Marital status:	Single
Postal Address:	Village: Dandona Khima Tehsil Balambat P/O Timergara Dir (L) k.p.k Pakistan.

EDUCATIONAL PROFILE

Doctor Of Philosophy (PhD) (Pharmacy) pharmacology (3.67 CGPA) University of Malakand KP Pakistan (Session: 2012-2016)

Doctor Of Pharmacy (Pharm-D) (Pharmacy) (67.09 %) University of Malakand KP Pakistan (Session: 2004-2010)

F.Sc (Pre-medical) (70 %) BISE Malakand KP Pakistan (Session: 2001-2003)

SSc (Science) (74 %) BISE Saidu Sharif Swat KP Pakistan (Session: 1999-2000)

MY PUBLICATIONS

Cumulative Impact Factor: 67.93

Citation: 549

h-index: 09

i10-index: 08

Area of interest: Isolation of natural bio active compounds and their pharmacological evaluation and mechanism

1. **Zeb A, Ahmad S, Ullah F, Ayaz M, Sadiq A: Anti-nociceptive Activity of Ethnomedicinally Important Analgesic Plant *Isodon rugosus* Wall. ex Benth: Mechanistic Study and Identifications of Bioactive Compounds. *Frontiers in Pharmacology* 2016, 7. (Impact factor 5.98)**
2. **Zeb A, Sadiq A, Ullah F, Ahmad S, Ayaz M: Phytochemical and toxicological investigations of crude methanolic extracts, subsequent fractions and crude saponins of *Isodon rugosus*. *Biological research* 2014, 47(1):1. (Impact factor 5.09)**
3. **Zeb A, Sadiq A, Ullah F, Ahmad S, Ayaz M: Investigations of anticholinestrase and antioxidant potentials of methanolic extract, subsequent fractions, crude saponins and flavonoids isolated from *Isodon rugosus*. *Biological research* 2014, 47(1):1(Impact factor 5.09)**
4. **Anwar Zeb, Farhat Ullah, Muhammad Ayaz, Sajjad Ahmad and Abdul Sadiq: Demonstration of biological activities of extracts from *Isodon rugosus* Wall. Ex Benth: Separation and identification of bioactive phytoconstituents by GC-MS analysis in the ethyl acetate extract. *BMC Complementary and Alternative Medicine* 2017, 17s:284. (Impact factor 3.659)**
5. **Zeb A, Sadiq A, Ahmad S, Ullah F, Ayaz M. Evaluation of crude saponins, methanolic extract and subsequent fractions from *Isodon rugosus*: potentials of anti-angiogenesis in egg and anti-tumorigenesis in potato. *Pakistan journal of pharmaceutical sciences* 2017. (Impact factor 0.65)**
6. **Zeb A, Sadiq A, Ahmad S, Ullah F, Ayaz M. Chemical characterization, analgesic, antioxidant and anticholinesterase potentials of essential oils from *Isodon rugosus* Wall. Ex. benth. manuscript id:286922 *Frontiers in Pharmacology* 2018. (Impact factor 5.98)**
7. **Kamal Z, Ullah F, Ayaz M, Sadiq A, Ahmad S, Zeb A, Hussain A, Imran M: Anticholinesterse and antioxidant investigations of crude extracts, subsequent fractions, saponins and flavonoids of *atriplex laciniata* L.: potential effectiveness in Alzheimer's and other neurological disorders. *Biological research* 2015, 48(1):1. (Impact factor 5.09)**
8. **Ahmad S, Ullah F, Sadiq A, Ayaz M, Imran M, Ali I, Zeb A, Ullah F, Shah MR: Chemical composition, antioxidant and anticholinesterase potentials of essential oil of *Rumex hastatus* D. Don collected from the North West of Pakistan. *BMC Complementary and Alternative Medicine* 2016, 16(1):1. (Impact factor 3.659)**
9. **Ullah F, Ayaz M, Sadiq A, Hussain A, Ahmad S, Imran M, Zeb A: Phenolic, flavonoid contents, anticholinesterase and antioxidant evaluation of *Iris germanica* var; florentina. *Natural Product Research* 2016, 30(12):1440-1444. (Impact factor 2.861)**
10. **Ahmad S, Ullah F, Ayaz M, Zeb A, Ullah F, Sadiq A: Antitumor and anti-angiogenic potentials of isolated crude saponins and various fractions of *Rumex hastatus* D. Don. *Biological research* 2016, 49(1):1. (Impact factor 5.09)**

11. Kamal Z, Midrar U, Sajjad A, Ullah F, Sadiq A, Ayaz M, **Zeb A**, Imran M: ex-vivo antibacterial, phytotoxic and cytotoxic, potential in the crude natural phytoconstituents of rumex hastatus d. Don. *Pakistan journal of botany* 2015, 47:293-299. ([Impact factor 0.960](#))
12. Ahmad S, Ullah F, **Zeb A**, Ayaz M, Ullah F, Sadiq A: Evaluation of Rumex hastatus D. Don for cytotoxic potential against HeLa and NIH/3T3 cell lines: chemical characterization of chloroform fraction and identification of bioactive compounds. *BMC Complementary and Alternative Medicine* 2016, 16(1):308. ([Impact factor 3.659](#))
13. Abdul Sadiq; Sadiq Ahmad; Rahmat Ali; Fawad Ahmad; Sajjad Ahmad; **Anwar Zeb**; Muhammad Ayaz; Farhat Ullah; Abu Nasar Siddique: Antibacterial and antifungal potentials of the solvents extracts from Eryngium caeruleum, Notholirion thomsonianum and Allium consanguineum. *BMC Complementary and Alternative Medicine* 2016, 4:16. ([Impact factor 3.659](#))
14. Muhammad Ayaz, Muhammad Junaid¹, Farhat Ullah, Abdul Sadiq, Muhammad Ovais, Waqar Ahmad, Sajjad Ahmad and **Anwar Zeb**: Chemical profiling of bioactive compounds, antimicrobial and insecticidal evaluations of *Polygonum hydropiper* L. *BMC Complementary and Alternative Medicine*. 2016. ([Impact factor 3.659](#))
15. Zul Kamal, Farhat Ullah, Sajjad Ahmad, Muhammad Ayaz, Abdul Sadiq, Muhammad Imran, Shujat Ahmad, Faiz Ur Rahman, **Anwar Zeb**: Saponins and solvent extracts from *Atriplex laciniata* L. exhibited high anthelmintic and insecticidal activities. *Journal of traditional chinese medicine* 2017 15; 37(5): 599-606 ([Impact factor 0.228](#))
16. Fawad Mahmood, Rahmat Ali, Muhammad S.jan, kamran A Chishti, Sajjad Ahmad, Anwar Zeb, Muhammmad Ayaz, Farhatullah and Abdul sadiq: Chemical Characterization And Analgesic Potential Of Notholirion Thomsonianum Extract. *Latin American Journal Of Pharmacy* 30 jan 2019 38(4):807-12 ([Impact factor 0.24](#))
17. Muhammad Saeed Jan*, Bushra Waheed, Syed Muhammad Mukarram Shah, Fida Hussain, Mohammad Ijaz Khan, **Anwar Zeb** Synthesis, Antioxidant, and Antidiabetic Activities of Ketone Derivatives of Succinimide, *Evidence-Based Complementary and Alternative Medicine* ([Impact factor 2.629](#))
18. Pervaiz, A., Jan, M. S., Hassan Shah, S. M., **Anwar Zeb** Khan, A., Zafar, R., Ansari, B & shah, S. M. (2022). Comparative in-vitro anti-inflammatory, anticholinesterase and antidiabetic evaluation: Computational and kinetic assessment of succinimides cyano-acetate derivatives. *Journal of Biomolecular Structure and Dynamics*, 1-14 ([Impact factor 5.235](#))
19. Fida hussain, sm mukaram shah, Muhammad ijaz khan, abid sarwar, muhammad saeed jaan, **Anwar Zeb**. molecular identification and antibiotic susceptibility pattern of community associated methicillin resistant staphylococcus aureus (CA-MRSA), *bio medical letter* ISSN 2410955x 2021 volume 7 issue1,63-71 ([Impact factor 0.5](#))
20. Muhammad Saeed Jan, Osama M Alshehri, Anwar Zeb, Syed Muhammad Mukarram, Mater H Mahnashi, Saeed Asiri, Omaish Alqahtani, Abdul Sadiq, Muhammad Ibrar and Saleh Alshamrani Investigation of Anti-Nociceptive, Anti-Inflammatory Potential and ADMET Studies of Pure Compounds Isolated from *Isodon rugosus* Wall. ex Benth, *Frontiers in Pharmacology* ,Manuscript ID: 1328128 ([Impact factor 5.98](#))

RESEARCH SKILLS AND PROFICIENCY

1. Preliminary Phytochemical Screenings and Pharmacological Activities of *isodon rugosus* wall. Ex. Benth
2. Bioassay guided isolation and characterization of secondary metabolites from *isodon rugosus* wall. Ex. Benth and their antinociceptive activities and assesment of antinociceptive mechanism
3. antibacterial, antitumor, antiangiogenic, antioxidants ABTS, DPPH, H₂O₂, cytotoxicity, phytotoxicity, anthelmintic, insecticidal, enzyme assays assays Like COX-2, 5-LOX, AChE, BChE, α -glucosidase, α -Amylase, Urease
4. Can utilize statistical skills and software like Graph Pad Prism, SPSS, Statistics Software, etc. Ic50 value analysis, Can also use Endnote for Bibliography and Literature Review. UV Spectrophotometer, Rotary Evaporator, Thin layer Chromatography.
5. High throughput biological screenings of natural product, isolation of essential oil by Clevenger apparatus

- **Research project**

Name of donor agency	investigator	Status	Worth in PKR
Higher education of Pakistan	Principal	Completed	10,00000

EXPERIENCE

Experience

Twelve years

- Two years teaching experience in Alfarabi Institute of Medical Sciences, KP Pakistan from (July 15, 2010 to July 30, 2012)
- Three years hospital experience as a chief pharmacist in BKRK hospital, kp Pakistan from (Feb 10, 2013 to Oct 25,2016)
- Two years administrative and teaching experience in Medicaid Institute of Medical Science and research centre Chakdara KP Pakistan from (Nov 5, 2016 to Dec 20, 2017)
- Two year teaching experience in the department of pharmacy in Pakistan institute of professional studies (PIPS) KP Pakistan (March 01, 2018 to Sep 28, 2020)
- Three years teaching experience as assistant professor in the department of pharmacy university of swabi (Nov 13, 2020 to Oct 30, 2023)

SPLE qualified

Marks obtained 584

Profile number 23575481

Result 28 march 2024

WORKSHOPS/SEMINARS

1. Participated as organizer in Two Days Workshop on the “**Old Plants and New Remedies**” organized by Department of Pharmacy at university of Malakand (24th-25th February 2009).
2. Participated as oral Presenter in three days national conference on “**Emerging Trends in Pharmaceutical Science**” organized by Department of Pharmacy at university of Malakand 9th-11th October 2017)
3. Participated as organizer in Two Days exhibition on “**Disaster Management Exhibition-2014**” organized by university of Malakand in collaboration with ACF-International, Pakistan 29th-30th May 2014).
4. Participated as oral presenter in Three Days conference on “**Phytomedicines: Current and Future Perspectives**” organized by Shaheed Benazir Bhutto University Sheringal (9th-11th October 2018).
5. Participated as organizer in One Days Workshop on the “**World antibiotic resistance awareness seminar**” organized by Department of Pharmacy at university of Swabi (30th November 2021).

REFERENCES

1. **Dr. Abdul Sadiq**
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