

BRIEF CV (RESUME)

Name: **Dr. Inamullah Khan**
Designation: Assistant Professor
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Education

- **Ph.D** University of Peshawar
- **B. Pharmacy**, University of Peshawar

Appointment(s)

- **Assistant Professor**, Department of Pharmacy, University of Peshawar
- **Lecturer**, Department of Pharmacy, University of Peshawar

Research Experience and Interests

- Around 12 years of research interests/experience, which includes:
 - All computational tools including structure and ligand-based drug designing & virtual screening techniques for new drug discovery and computational medicinal chemistry.
 - Identification, isolation & purification of bioactive natural products employing column chromatography, TLC, HPLC, GC-MS.
 - Structural analysis of organic compounds by H1, C13, NOESY, COSY, HMQC, and HMBC NMR spectral techniques as well as by EI-MS, ESI-MS etc.
 - Design and synthesis of targeted peptidomimetics.
 - In-vivo and in-vitro pharmacological investigations of bioactive natural & synthetic Products.
 - ❖ Extensive work on molecular, cellular and in-vivo models of inflammation, pain, diabetes, depression,
 - ❖ Other research interests include enzyme inhibition studies with special reference to discovery of new cholinesterase, LOX, Urease, COX and kinase inhibitors.
 - ❖ Molecular and cellular techniques in cancer pharmacology

Research Achievements

1. International Publications in ISI indexed (W category) journals > 70
2. Total impact factor > 100
3. Books Published 02
4. Total Ph.D Produced as Supervisor. 01
5. Total Ph.D Produced as Co-Supervisor 04
6. Total M.Phil Produced as Co-Supervisor 11
7. Total number of citation > 1100