

CURRICULAM VITAE



Dr. Tahir Ali Chohan

Assistant Professor

Department of Pharmaceutical Chemistry, Faculty of Pharmacy,
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Profile:

Name:	Tahir Ali Chohan
Father's Name:	Rahmat Ali Chohan
Date of Birth:	July 27, 1984
Nationality:	Pakistan
C.N.I.C. No.:	36302-2318489-9
Passport No.:	AJ4144891
Home Address:	House # 86, Illyas Town, Near Al-Barooni Hostel, Government Science College, Multan, Pakistan.

Research Interest:

- Chemical constituents of Medicinal Plants.
- Design of new bio-active molecules using computer aided modelling techniques.
- Modelling of small organic molecules, proteins, and protein-ligand interactions.
- Ligand based and structure based pharmacophore design.
- Generation and screening of large virtual combinatorial compound libraries.
- Molecular activity determination using 3D-QSAR or quantum chemistry calculations.
- Molecular Dynamics (MD) simulations studies of protein-ligand complex.

Academics:

Ph.D. (Medicinal Chemistry) (9-March-2016)

Advisor Prof. Dr. Jian-Zhong Chen

Institute of Pharmaceutical Chemistry, College of Pharmaceutical Sciences,
Zhejiang University, Hangzhou, Zhejiang 310058, P.R. China.

(Molecular modeling, chemical synthesis, and bioactivities of small molecules)

M.Phil (Pharmaceutical Chemistry) (2009-2011)

Advisor Dr. Irshad Ahmad

Faculty of Pharmacy, The Islamia University, Bahawalpur 63100, Pakistan.

(Isolation, purification and bioactivities of natural products)

B. Pharm. (2002-2006)

Bahauddin Zakariya University, Multan 60000, Pakistan.

Experience:**Assistant Professor (TTS) (October 01, 2017 – Present)**

Institute of Pharmaceutical sciences,

University of Veterinary and Animal Sciences, Lahore, Pakistan.

Assistant Professor (June 01, 2016 – September 30, 2017)

Faculty of Pharmacy,

University Central Punjab, Lahore, Pakistan.

Lecturer (July 01, 2011 – August 01, 2012)

Department of Pharmacy,

The University of Lahore, Lahore, Pakistan.

Quality Control Pharmacist (March, 2008 – February, 2009)

Zakfas Pharmaceuticals (Pvt.) Ltd.

Multan, Pakistan.

Scholarship and Awards:

- Selected as a Ph.D. Candidate for Chinese Government Scholarship (CSC), at Zhejiang University, China.

Proficiencies:

- Extraction, isolation, and purification of natural Bio-active compounds.
- Chromatography, Column Chromatography (CC) and Thin Layer Chromatography (TLC).
- Preliminary understanding of computational chemistry theory, and very proficient in the operation of most computational chemistry software.
- Detailed knowledge of computers operating system including UNIX, Linux, Macintosh and Windows, Installation, maintenance and repairing. All major word processing, presentation, and database manipulation software packages.
- Experience in Medicinal Chemistry packages including Amber, Sybyl 7.3 & 8.0, Sybyl X2.0, Discovery Studio 2.5, Autodock, FlexX, Gaussian, GaussView, Pymol

6.0, CS Chem Office, software compilation, desktop publishing, and hardware assembly.

- Proficient with the operation, maintenance, and small repairs of technical and sensitive lab equipment (rotary chromatotrons, vacuum apparatus).

Participation in Conferences/Workshops:

- Participated as speaker in “1st National Conference on Recent Advancement on Pharmaceutical Sciences” held in University of Sargodha, College of Pharmacy, in March 07-08, 2018.
- Attended three days training program entitled “Andragogical/Pedagogical Skiles” under Punjab higher Education Commission, at University of Education Lahore, in 25th-27th January, 2018.
- Participated in “2014’ Yangtze River Delta Symposium on Medicinal Chemistry” held in Fudan University, Shanghai, China, in October 24-25, 2014.
- Participated in “9th International Symposium for International Chemists” held in Shenyang Pharmaceutical University, China, in 17-20 August, 2014.
- Participated in “2012’ Yangtze River Delta Symposium on Medicinal Chemistry” held in School of Pharmaceutical Sciences of Zhejiang University, Hangzhou, China, in November 2nd & 3rd, 2012.

M.Phil. Thesis Supervised:

Name	Title	Status	Year
Muhammad Waseem	Phytochemical Evaluation and Biological Potential of <i>Euphorbia milli</i> .	Complete	2018
Mubeen Akaram	Study on Phytochemical Screening and Biological Activities of <i>Phevetia Peruviana</i>	Complete	2018
Nadia Saleem	Phytochemical screening and biological evaluation of <i>Capparis decidua</i>	Complete	2019

Scholars Enrolled in M.Phil.

No.	Name	Title
1	Muhammad Assad Malik	Synthesis Characterization and <i>in vitro</i> evaluation of solid lipid nanoparticles for antimicrobial application

Publications:

Papers just accepted

1. Exploration of a New Source of Sustainable Nanomaterial from the Koh-e-Suleiman Mountain Range of Pakistan for Industrial Applications. **Accepted (IF=4.011).**
2. Isolation, Characterization and Preliminary Cytotoxic and Antifungal Evaluations of Novel Lancifoliate Isolated from Methanol Extract of *Conocarpus lancifolius*; Anti-Cancer Agents in Medicinal Chemistry. **Accepted (IF=2.180).**
3. Hesperidin improves insulin resistance via down-regulation of inflammatory responses: biochemical analysis and in silico validation; PLOS ONE. **Accepted (IF=2.776).**
4. Biological activity supported by in silico and BSA binding studies of synthesized 5-{1-[(4-chlorophenyl)sulfonyl]piperidin-4-yl}-2-mercapto-1,3,4-oxadiazole derivatives; Brazilian Journal of Pharmaceutical Sciences **Accepted (IF=0.483).**
5. Cytotoxic and antioxidant potential of ellagic acid derivatives from *Conocarpus lancifolius* (Combretaceae); Tropical Journal of Pharmaceutical Research. **Accepted (IF=0.439).**

Papers published 2020

6. BSA Binding, molecular docking and in vitro biological screening of some new 1, 2, 4-triazole heterocycles bearing azinane nucleus; Pakistan Journal of Pharmaceutical Sciences. **Accepted (IF=0.804)**

Papers published in 2019

7. Impact of Pruritus on Sleep Quality of Hemodialysis Patients: A Systematic Review and Meta-Analysis. **Accepted (IF=1.467)**

Papers published in 2018

8. Rehman, K.; Chohan, T.A.; Waheed, I.; Gilani, Z.; Akash, M.S.H., Taxifolin prevents postprandial hyperglycemia by regulating the activity of α -amylase: Evidence from an in vivo and in silico studies. *Journal of cellular biochemistry*, 2018. **(IF=2.959)**
9. Chohan, T.A.; Qayyum, A.; Rehman, K.; Tariq, M.; Akash, M.S.H., An insight into the emerging role of cyclin-dependent kinase inhibitors as potential therapeutic

agents for the treatment of advanced cancers. *Biomedicine & Pharmacotherapy*, **2018**, *107*, 1326-1341. (*IF=3.457*).

10. Chohan, T.; Chohan, T.; Zhou, L.; Yang, Q.; Min, L.; Cao, H., Repellency, Toxicity, Gene Expression Profiling and In Silico Studies to Explore Insecticidal Potential of *Melaleuca alternifolia* Essential Oil against *Myzus persicae*. *Toxins*, **2018**, *10*, (11), 425. (*IF=3.273*).

Papers published in 2017

11. Aziz-ur-Rehman, N Ahtzaz, MA Abbasi, NAVirk, Chohan, T.A, SAA Shah, Synthesis of Some new Propanamide Derivatives Bearing 4-Piperidinyl-1,3,4-oxadiazole as Valuable Anticancer Agents. (*IF=0.444*).

Papers published in 2016

12. Chohan, T.A.; Chen, J.-J.; Qian, H.-Y.; Pan, Y.-L.; Chen, J.-Z., Molecular modeling studies to characterize N-phenylpyrimidin-2-amine selectivity for CDK2 and CDK4 through 3D-QSAR and molecular dynamics simulations. *Molecular BioSystems*, **2016**, DOI: 10.1039/c5mb00860c. (*IF=2.759*).
13. Chohan, T.A.; Qian, H.-Y.; Pan, Y.-L.; Chen, J.-Z., Molecular simulation studies on the binding selectivity of 2-anilino-4-(thiazol-5-yl)-pyrimidines in complexes with CDK2 and CDK7. *Molecular BioSystems*, **2016**, *12*, (1), 145-161. (*IF=2.759*).

Papers published in 2015

14. Chohan, T.A.; Qian, H.; Pan, Y.; Chen, J.-Z., Cyclin-Dependent Kinase-2 as a Target for Cancer Therapy: Progress in the Development of CDK2 Inhibitors as Anti-Cancer Agents. *Current Medicinal Chemistry*, **2015**, *22*, (2), 237-263. (*IF=3.469*).

Papers published in 2012

15. Murtaza, G.; Azhar, S.; Khalid, A.; Nasir, B.; Ubaid, M.; Shahzad, M.K.; Saqib, F.; Afzal, I.; Noreen, S.; Tariq, M.; Chohan, T.A.; Malik, A. Development of in vitro in vivo correlation for pharmacokinetic simulation. *African Journal of Pharmacy and Pharmacology*, **2012**, *6*(4), 257-263.

References:

Prof. Dr. CUI Sunliang

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Dr. Tahir Mehmood Khan

Associate Professor, Institute of Pharmaceutical Science, UVAS Lahore, Pakistan

Young Affiliate, The World Academy of Science, Austrian Academy of Science Vienna

Adjunct Senior Lecturer, School of Pharmacy, Monash University

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