

# TALIB HUSSAIN

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## OBJECTIVE:

Seeking a challenging and equally rewarding career path that will utilize my skills, experience and energies to afford me the opportunities for advancement based upon performance.

## PERSONAL INFORMATION:

Father's Name : Abdul Hameed  
CNIC # : 36502-1299549-9  
Date of Birth : 06<sup>th</sup> April, 1982  
Place of Birth : Sahiwal, Punjab-Pakistan  
Marital Status : Married  
Religion : Islam  
Nationality : Pakistani  
Permanent Address : Street # 3 Qartaba Colony, Chak No. 86/6-r, Sahiwal.  
House # 183, Ravi block, Shadman Town, Sahiwal.  
Phone No : +92-306-6909690  
Languages : Urdu, English and Punjabi

## QUALIFICATION:

Degree	Institute / Board	Marks/CGPA/ Division	Year of completion	Session
Ph.D. (Pharmaceutics)	University College of Pharmacy, University of The Punjab, Lahore.	3.50/4.0 1 <sup>st</sup> Division	Feb. 2019	2010-15
M. Phil (Pharmaceutics)	University College of Pharmacy, University of The Punjab, Lahore.	3.24/4.0 1 <sup>st</sup> Division	Sep. 2009	2005-2007
B. Pharmacy	Faculty of Pharmacy, Bahauddin Zakariya University, Multan.	2333/3600 1 <sup>st</sup> Division	Jan. 2005	2000-2004
F.Sc.	Govt. College Sahiwal (B.I.S.E. Multan)	829/1100 1 <sup>st</sup> Division	2000	2000
Matric	Govt. Comprehensive School Sahiwal (B.I.S.E. Multan)	636/850 1 <sup>st</sup> Division	1997	1997

## PRACTICAL EXPERIENCE:

Duration	Description
<b>Full Time Employment:</b>	
Jan 2022 to date	Assistant Professor (Pharmaceutics), IPS, UVAS, Lahore.
Feb 2015 to Jan 2022	Lecturer (Pharmaceutics), Institute of Pharmaceutical sciences (IPS), UVAS, Lahore.
Feb 2019 to Aug 2019	Assistant Professor (Pharmaceutics), IPS, UVAS, Lahore (Adhoc/temporary).
Oct 2011 to Feb 2015	Assistant Professor, In-charge Department of Pharmaceutics & Director Students Affair in the School of Pharmacy, The Hajvery University Lahore.
Oct 2009 to Sep 2011	Lecturer of Pharmaceutics in the School of Pharmacy, The Hajvery University Lahore.
Feb 2007 to Oct 2009	General Manager, Habib Pharmaceuticals (Distributor of Medicine) Okara.
Mar 2005 to Sep 2006	Microbiologist in Schazoo Laboratories Pvt. Ltd. Lahore, Pakistan.

## TRAININGS:

Nov 2004 to Jan 2005	Internship training as a Hospital Pharmacist in L.G.H Lahore.
Jan 2006	ISO 9001-2000 (Auditor Training) Schazoo Pharmaceuticals Pvt. Ltd. Lahore.
August 2016	In-Service Short-Term Training of University Faculty, UVAS, Lahore.
December 2017	Training workshop on 'Research Methodology' organized by CEPA & HEC in UVAS, Lahore.
September 2021	Quran Urdu Course (Darja Aalah), Quran Urdu Society, Pakistan.

## TEACHING RESPONSIBILITIES:

Teaching experience in the following subjects of M. Phil (Pharmaceutics) and Pharm. D.;

- Advance Pharmaceutics
- Product Design & Development
- Pharmaceutical Technology
- Clinical Pharmacy
- Industrial Pharmacy
- Hospital Pharmacy
- Pharmaceutical Preparations (Dosage form science)
- Community Pharmacy
- Physical Pharmacy
- Biopharmaceutics

### Management related responsibilities

- Member purchase committee for chemicals and equipment, IPS, UVAS, Lahore.
- Conducting tutorial class since March 2015, UVAS, Lahore.
- Remained Convenor Blood Donor Society, UVAS, Lahore for two years.
- Remained as Director Student's affair, School of Pharmacy (Head of Disciplinary and Sports Committee), Head of Equipment Maintenance and Repair Committee, School of Pharmacy, HU, Lahore.

## M.Phil. Supervised

### Completed

Session	Student	Capacity	Title of Research
2013-2015	Danish Hassan Dani Hajvery Uni	First Supervisor	Formulation development of Loxoprofen oral matrix tablets for colon specific delivery by using multiple polymer combination
2014-2016	Umair Afzal Hajvery Uni	Third Supervisor	Formulation of Aceclofenac stabilized nano-suspension by silverson mechanism
2014-2016	Neelam Malik Hajvery Uni	Second Supervisor	Formulation development of hydrogel control release dosage form containing Tramadol HCl using 2-hydroxyethyl methacrylate/methyl methacrylate by polymerization technique
2015-2017	Mujaddad Ashraf Hajvery Uni	Third Supervisor	Treatment and Management of Atopic Eczema special relation with loratadine
2015-2017	Sarwat Fatima Hajvery Uni	Third Supervisor	Treatment and Management of Atopic Eczema special relation with Desloratadine
2015-2017	M. Hassan Hameed IPS, UVAS	First Supervisor	Formulation development and analysis of Loxoprofen and Lidocaine microemulsion based gel
2017-2019	M. Ahmed Aaqib IPS, UVAS	Second Supervisor	Formulation development and evaluation of gastro-retentive tablet of Ifosfamide using beta-cyclodextrin and HPMC
2017-2019	Farwa Muskan IPS, UVAS	Third Supervisor	Development and characterization of oral drug delivery system for the treatment of oral thrush
2018-2020	M. Asim Farooq IPS, UVAS	Second Supervisor	Formulation development and in-vitro characterization of solid dispersion tablets of Carbamazepine for enhancing oral bioavailability

<b>2018-2020</b>	M. Bilal Sarwar IPS, UVAS	Second Supervisor	Formulation and characterization of sustained release mucoadhesive film of Ketorolac and metronidazole benzoate for periodontitis and gingivitis
<b>2019-2021</b>	Asma Rabail IPS, UVAS	First Supervisor	Formulation of Doxorubicin loaded PLGA Nanoparticles for Gastric cancer using Thiolated Hydroxy Ethyl Cellulose.
<b>2019-2021</b>	Hadeeqa Khan IPS, UVAS	First Supervisor	Formulation and Evaluation of Guar Gum Micro-particles for Target Co-delivery of Oxaliplatin, Ifosfamide and Metformin for Colon Cancer
<b>2019-2021</b>	Muhammad Ahmad Chishti	Second Supervisor	Preparation and Characterization of organic anti-lice Lotion.
<b>2020-2022</b>	Maha Tariq IPS, UVAS	First Supervisor	Preparation of Chitosan scaffolds having Vancomycin-Betamethasone loaded Nanogels for pre/post-operative Chronic wounds
<b>2020-2022</b>	Muhammad Chaudhry IPS, UVAS	First Supervisor	Formulation of Thiolated Mucoadhesive Intravesical Nanoparticles for bladder cancer.
<b>2020-2022</b>	Hafsa Rauf IPS, UVAS	First Supervisor	Formulation Development of Chitosan/PLGA based Nanofilms loaded with Gentamicin/Lidocaine for Burn Wounds
<b>2021-2023</b>	Ehtisham	First Supervisor	Formulation Development of PLGA/HPMC based Nanogel films for psoriasis

#### **PREVIOUS JOBS RESPONSIBILITIES:**

As a General Manager, Habib Pharmaceuticals Okara,

- Dealing Retailers & Suppliers e.g. Pharmaceutical companies regarding drug procurement & sale.
- Inventory Management and Audit conductance and reporting
- Preparation of Market penetration strategies and annual reports.

As a Microbiologist, Schazoo Laboratories Pvt. Ltd. Lahore,

- Quality Control of Pharmaceuticals (Microbiological Assay)
- Microbiological examinations (LAL, Pyrogen, Sterility, Clarity, Water testing, Area Monitoring (Sterile, Non-Sterile and Tuberculosis sections).

As a Hospital Pharmacist, L.G.H. Lahore,

- Patient Counseling
- Ward Rounds, Unit Dose Dispensing, Pharmacy Stock management, Prescription Handling, Dispensing and Prescription evaluation.

#### **RESEARCH EXPERIENCE:**

Research experience acquired during the completion of master thesis as well as in the assistance of different research projects, detail of these are as follows;

- Development of calorimetric method for determination of Milnacipran HCl.
- Gastro-retentive drug delivery system development of water-soluble drugs.
- Development of Patches, Micro emulsions and Nano emulsions.
- Development of Gliclazide matrix tablet from pure and blended mixture of Glyceryl Monostearate and Stearic Acid.
- Development of Hot Melt Extrusion and Granulation Techniques.
- Pre-formulation studies and Formulation development of different Drugs.
- Product stability evaluation and product packaging in designing of project reports.
- Rational, Irrational prescribing and use of drugs.

- Misuses of antibiotics in the public and private hospitals and clinics with special reference to Tuberculosis and Malaria.

## RESEARCH ARTICLES:

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1. **Talib Hussain**, Tariq Saeed, Ahmed M. Mumtaz, Muhammad Jamshaid, Muhammad N. Aamir, Khizar Abbas, Zeshan Javaid & Azeema Awais (2011). Development of Gliclazide matrix tablets from pure and blended mixture of Glyceryl Monostearate and Stearic Acid, *Lat. Am. J. Pharm.* **30 (8)**: 1475-80.
2. **Talib Hussain**, Tariq Saeed, Ahmad M. Mumtaz, Zeeshan Javaid, Khizar Abbas, Azeema Awais & Hafiz Arfat Idrees (2013). Effect of two hydrophobic polymers on the release of Gliclazide from their matrix tablets. *Acta Poloniae Pharmaceutica - Drug Research*, **70 (4)**: 749-757.
3. Usman Zafar Paracha, Ishtiaq Qadri, Khezhar Hayat, **Talib Hussain** (2013). Biomarkers for Alzheimer's Disease and Potential Future Directions, *Aging and Neurodegeneration*. **01(01)**: 25-29.
4. Arfat Idrees, Nisar ur Rehman, Zeeshan Javaid, Muhammad Kashif, Irfan Aslam, Khizar Abbas & **Talib Hussain** (2014). In vitro evaluation of transdermal patches of flurbiprofen with ethyl cellulose. *Acta Poloniae Pharmaceutica - Drug Research*, **71(2)**: 287-295.
5. Khizar Abbas, Uzma Niaz, **Talib Hussain**, Muhammad Asif Saeed, Zeeshan Javaid, Arfat Idrees & Shahid Rasool (2014). Antimicrobial activity of Solanum nigrum Linn and Solanum xanthocarpum Schrad & Wendl, *Acta Poloniae Pharmaceutica - Drug Research*, **71(3)**: 415-421.
6. Muhammad Khurram Shahzad, Ghulam Murtaza, **Talib Hussain** & Sabiha Karim (2015). Development and Analysis of Risedronate Sodium Loaded Multi-particulate Drug Delivery System Using Superabsorbent Co-polymer. *Lat. Am. J. Pharm.* **34 (5)**: 948-57.
7. **Talib Hussain**, Amjad Hussain, Rahat Shamim, Muhammad K. Shehzad, Zeeshan Danish, Khalid Hussain, & Nadeem I. Bukhari (2015). Development and *in-vitro* evaluation of floating gastro-retentive matrix tablet for a model water soluble drug prepared with the novel blends of chitosan and polycaprolactone. *Lat. Am. J. Pharm.* **34 (9)**, 1849-57.
8. Fahad Pervaiz, Mahmood Ahmad, **Talib Hussain**, Arfat Idrees, Ayesha Yaqoob, Rizwan Ahmad, Khizar Abbas (2016). Development of olanzapine loaded PNA microgels for depot drug delivery in treatment of schizophrenia: *in vitro* and *in vivo* release profile, *Acta Poloniae Pharmaceutica - Drug Research*, **73(1)**, 175-181.
9. **Talib Hussain**, Muhammad Khurram Shahzad, Khezhar Hayat, Khalid Hussain, Nadeem Irfan Bukhari (2016). A simple and sensitive colorimetric method for the determination of milnacipran in bulk and swellable matrix tablets, *Pharmaceutical Chemistry Journal*, **50(5)**, 346-352. DOI 10.1007/s11094-016-1449-3.
10. Muhammad Khurram Shahzad, **Talib Hussain**, Sabiha Karim, Nasir Abbas And Nadeem Irfan Bukhari (2016). Relative bioavailability of risedronate sodium administered in superabsorbent copolymer particles versus oral solution to normal healthy rabbits, *Acta Poloniae Pharmaceutica - Drug Research*, **73(5)**, 1267-1274.
11. Muhammad Khurram Waqas, Naveed Akhtar, Akhtar Rasul, Ayesha Sethi, Khizar Abbas and **Talib Hussain** (2018). Non-Invasive In-Vivo evaluations of cosmetic emulsion containing phytoextract of grape seeds in the treatment of skin aging by using non-invasive bio-engineering techniques, *Acta Poloniae Pharmaceutica – Drug Research*, **75 (1)**, 95-105.
12. Maria Mir, Khezhar Hayat, **Talib Hussain**, Muhammad Khurram Waqas, and Nadeem Irfan Bukhari (2018). Ball mill based co-milling: a promising way to enhance aqueous solubility of poorly soluble drugs employing norfloxacin as model drug, *Acta Poloniae Pharmaceutica – Drug Research*, **75 (1)**, 155-168.

13. **Talib Hussain**, M. Ijaz, R. Shamim, K. Hussain, N. Abbas, A. Hussain, J. A. Griessinger & N. I. Bukhari. (2020) In Vivo Evaluation of a Novel Chitosan-Polycaprolactone Based Mucoadhesive Gastro-Retentive Sustained Release Drug Delivery System for Milnacipran HCl. AAPS PharmSciTech **21(2)**, 58. doi:10.1208/s12249-019-1606-6.
14. Muhammad Osama Yaseen, Humzah Jamshaid, Arifa Saif, **Talib Hussain**. (2021) Immunomodulatory role and potential utility of various nutrients and dietary components in SARS-CoV-2 infection. Int J Vitam Nutr Res. <https://doi.org/10.1024/0300-9831/a000715>.
15. Memoona Rashid, **Talib Hussain**, Muhammad Sarfraz, Mosab Arafat, Amjad Hussain, Nasir Abbas, Nadeem Irfan Bukhari, Precise and Sensitive Ambient Temperature Based Analytical Colorimetric Method for Pregabalin. **Accepted** for publication on 19<sup>th</sup> October, 2021 in Brazilian Journal of Pharmaceutical Sciences.
16. Touseef Nawaz, Muhammad Iqbal, Barkat Ali Khan, Asif Nawaz, **Talib Hussain**, Khaled M. Hosny, Walaa A. Abualsunun, Waleed Y. Rizg. (2022) Development and Optimization of Acriflavine-Loaded Polycaprolactone Nanoparticles Using Box–Behnken Design for Burn Wound Healing Applications. Polymers (Basel). 2022 Jan; **14(1)**, 101. <https://doi.org/10.3390/polym14010101>. PMID: 35012125; PMCID: PMC8747314.

#### CONFERENCES/WORKSHOPS/SEMINARS:

1. Attended multiple training sessions of one hour long on various ProQuest Education Platform. i.e. “Discover ProQuest Business Premium Collection” on 17<sup>th</sup> November 2020, “How to manage your references using RefWorks” on 26<sup>th</sup> October 2020, “Discover HEC Resources Using Simmon Search and Take Your Research to Next Level RefWorks” on 9<sup>th</sup> March, 2021.
2. Presented “How to develop an Endnote reference style (UVAS endnote style)” on a workshop “Advances in Metabolomics and Plant Research”, on 12<sup>th</sup> July, 2021 at Amphitheater, IPS, UVAS, Lahore.
3. Attended one day National Workshop on Sterile Compounding and Aseptic Techniques-A special focus on Handling of Hazardous Medication, on 2<sup>nd</sup> Jan, 2019 in Institute of Pharmaceutical Sciences, UVAS, Lahore.
4. Khizar Abbas, **Talib Hussain**, Khwaja Zafar Ahmed. Phytochemical & biological investigation of whole herb of conyza ambigua. FS&B-14-b, NUTRICON-2013, the Government College University, Faisalabad.
5. **Talib Hussain**, Fabrication of matrix tablets for an antidiabetic agent using economic polymers, International conference on Pharmaceutics and Neuropharmacology” 24<sup>th</sup> April, 2013, Hajvery University Lahore.
6. Attended one day workshop 21<sup>st</sup> May. 2011 on “Managed Patient Care” Organized by Concise and Conceptual Series with Pakistan Pharmacist Association in Hajvery University Lahore.
7. Attended one day seminar 7<sup>th</sup> Dec. 2010 on “Skill Enhancement of Industrial Pharmacists” Organized by Pakistan Pharmacist Association in Islamabad.
8. 15<sup>th</sup> International Pharmacy Conference & Exhibition 5<sup>th</sup> – 8<sup>th</sup> April, 2009, Lahore – Pakistan “Good Governance of Medicine & Patient Care through Pharmacist” Organized by Pakistan Pharmacist Association.
9. International Pharmacy Conference & Exhibition, Pearl Continental Lahore, 20<sup>th</sup> 23<sup>rd</sup> March, 2003. Changing Face of Pharmacy “Better Quality of Life through Pharmacist” Organized by Pakistan Pharmacist Association.