

HAMID SAEED SHAH

PERSONAL DETAILS

Father's Name: Ahmad Saeed Shah
Nationality: Pakistani
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Date of Birth: May 14, 1985



EDUCATION

Doctor of Philosophy (2012-2015)

PhD in Pharmacy [Pharmaceutics] (2017)

Department of Pharmacy, COMSATS Institute of Information Technology
(Abbottabad campus), Abbottabad Pakistan

Dissertation Title

“Synthesis, Characterization and In-vitro Evaluation of Anticancer Potential of Chitosan-coated Polyoxometalates Nanoparticles”

PhD Supervisor: Prof. Dr. Jamshed Iqbal (Tamgha-e-Imtiaz)

Co-Supervisor: Prof. Dr. Nisar ur Rehman (Head of the Department)

Indigenous PhD scholar under Fellowships for 5000 Scholars, HEC (Phase-II)

M. Phil in Pharmaceutics

(2009- 2011)

Faculty of Pharmacy, University of Sargodha, Sargodha Pakistan

Dissertation Title

“Formulation and *in vitro* evaluation of sustained release matrix tablets of Tizanidine using natural polymers”

M.Phil Supervisor: Prof. Dr. Sajid Bashir (Dean/ Chairman)

*Won Research funding award from Pakistan Science Foundation (PSF) Islamabad
worth 0.1 Million PKR*

Doctor of Pharmacy (PHARM-D) (2003 – 2008)

Faculty of Pharmacy, University of Sargodha, Sargodha Pakistan

RESEARCH LABORATORY EXPERTISE

Can work efficiently on the following instruments,

- Cell culturing
- Cytotoxicity assays
- Enzyme inhibition studies
- DNA fragmentation
- Fluorescence Microscope
- Luminescence reader and Fluorimeter
- Fourier Transform Infrared Spectroscopy
- UV/visible Spectrophotometer

Served as research scholar (July 2013- June 2014) in a funded research project entitled “Discovery of small molecules as agonist and antagonist for orphan G-protein coupled receptors” as research associate for one year under supervision of Prof. Dr. Christa E. Mueller (Head Pharmaceutical Chemistry Institute University of Bonn, Bonn Germany)

TEACHING EXPERIENCE/ RESEARCH EXPERIENCE

- Worked as M.Phil research scholar from October 11, 2009 to November 26, 2011
- Served as Teaching Assistant under National Internship Program (NIP) at College of Pharmacy University of Sargodha (2010-2011)
- Worked as PhD research scholar from February 12, 2012 to April 19, 2016
- Senior Lecturer at Riphah International University Lahore Campus (9/5/2016 to 02/02/2017)
- Served as Assistant Professor on IPFP at College of Pharmacy University of Sargodha (15/5/2017 to 14/5/2018).

During my tenure I won a research project worth 0.5 Million PKR from HEC.

- Currently serving as **Assistant Professor in** Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences Lahore (UVAS) (Joining date 4-12-2018 to date)

PUBLICATIONS

1. Shah, H. S., Al-Oweini, R., Haider, A., Kortz, U., & Iqbal, J. (2014). Cytotoxicity and enzyme inhibition studies of polyoxometalates and their chitosan nanoassemblies. *Toxicology Reports*, 1, 341-352. [New Elsevier Journal]
2. Hashmi, Muhammad Ali, Hamid Saeed Shah, Afsar Khan, Umar Farooq, Jamshed Iqbal, Viqar Uddin Ahmad, and Shagufta Perveen. "Anticancer and alkaline phosphatase inhibitory effects of compounds isolated from the leaves of *Olea ferruginea* Royle." *Records of Natural Products* 9, no. 1 (2015): 164. [Impact Factor 1.268]
3. Shah, H. S., Joshi, S. A., Haider, A., Kortz, U., & Iqbal, J. (2015). Synthesis of chitosan-coated polyoxometalate nanoparticles against cancer and its metastasis. *RSC Advances*, 5(113), 93234-93242. [Impact factor 3.119]
4. Prodius, D., Shah, H. S., Iqbal, J., Macaeva, A., Dimoglo, A., Kostakis, G. E., & Powell, A. K. (2014). A novel example of double 6-exo-trig heterocyclization: nitrile conversion to new anticancer active (HeLa cells) primary amine ionic liquids. *Chemical Communications*, 50(38), 4888-4890. [Impact factor 5.996]
5. Ilyas, Z., Shah, H. S., Al-Oweini, R., Kortz, U., & Iqbal, J. (2014). Antidiabetic potential of polyoxotungstates: in vitro and in vivo studies. *Metallomics*, 6(8), 1521-1526. [Impact factor 3.796]
6. F. A. Larik, M. S. Shah., A. Saeed, H. S. Shah, P. A Channar, M. Boltee & J. Iqbal, (2018). New cholinesterase inhibitors for Alzheimer's disease: Structure activity relationship, kinetics and molecular docking studies of 1-butanoyl-3-arylthiourea derivatives. *International Journal of Biological Macromolecules* [Impact factor 5.162]
7. B. Asad, Muhammad HH, Ryan JR McCleary, Ilnur Salafutdinov, Fiaz Alam, Hamid Saeed Shah, Sumbal Bibi, Atif Ali et al. "Proteomics study of Southern Punjab Pakistani cobra (*Naja naja*: formerly *Naja naja karachiensis*) venom." *Toxicological & Environmental Chemistry* (2019): 1-33. [Impact factor 1.021]
8. Hassan, Sidra, Pervaiz Ali Channar, Fayaz Ali Larik, Aamer Saeed, Hamid Saeed Shah, Joanna Lecka, Jean Sévigny, and Jamshed Iqbal. "Synthesis of novel (E)-1-(2-(4 (dimethylamino) benzylidene) hydrazinyl)-4-methylthiazol-5-yl) ethanone derivatives as ecto-5'-nucleotidase inhibitors." *Royal Society open science* 5, no. 9 (2018): 180837. [Impact factor 2.647]
9. Shah, Hamid Saeed, Fazala Khalid, Sajid Bashir, Muhammed Hasham Bin Asad, Faisal Usman, and Ibrahim Javed. "Emulsion-templated synthesis and in vitro characterizations of niosomes for improved therapeutic potential of hydrophobic anti-cancer drug: tamoxifen." *Journal of Nanoparticle Research* 21, no. 2 (2019): 25.[Impact factor 2.132]
10. H.S. Shah, I. Javed, S. Bashir & F. Usman (2015). Formulation of Tizanidine HCl matrix tablets using xanthan gum and olibanum gum: Optimization for *in vitro* drug release and oral absorption. *Drug Delivery Letters*, 5, 208-214.
11. Shah, Muhammad Shakil, Muhammad Najam-ul-Haq, Hamid Saeed Shah, Syed Umar Farooq Rizvi, and Jamshed Iqbal. "Quinoline containing chalcone derivatives as cholinesterase inhibitors and their in silico modeling studies." *Computational biology and chemistry* 76 (2018): 310-317. [Impact factor 1.85]
12. Shah, H. S., Usman, F., Ashfaq-Khan, M., Khalil, R., Ul-Haq, Z., Mushtaq, A., ... & Iqbal, J. (2020). Preparation and characterization of anticancer niosomal withaferin-A formulation for improved delivery to cancer cells: An in vitro and in vivo evaluation. *Journal of Drug Delivery Science and Technology*, 101863. [Impact Factor 2.734]
13. Bin Asad, M.H.H., Nazir, H., Khalid, S., Bibi, S., Afzal, K., Al-Kharaman, Y.M., Ali, A., Ali, S., Shah, H.S., Khan, M.S. and Akhtar Hussain, S.J., 2019. Erupt of malaria, dengue and chikungunya in Pakistan: Recent insights about prevalence, diagnosis and treatment. *Pakistan journal of pharmaceutical sciences*, 32(4). [Impact Factor 0.562]

Total Impact Factor

30.287

RESEARCH WORK PRESENTED IN VARIOUS CONFERENCES

1. Oral Presentation on "Non-ionic surfactant and cholesterol mixed NanoVesicular system for improved delivery of natural anti-cancer medicine: Withaferin A" Three Days International Conference on Recent

Trends in Advancement of Pharmaceutical Sciences Challenges and Opportunities. (BZU Multan & LCWU Lahore), 14-16 February 2019

2. Oral Presentation on “Emulsion-templated synthesis and in vitro characterizations of niosomes for the improved therapeutic potential of the hydrophobic anticancer drug: tamoxifen” 6th National Medical Conference of Rashid Latif Medical College & Arif Memorial Teaching Hospital RLCP Lahore 20-21 March 2019
3. Oral Presentation on “Antidiabetic potential of polyoxotungstates: in vitro and in vivo studies” 5th Annual International Pharmacy Scientific Symposium on Innovations in Pharmaceutical Sciences & Future Challenges. Faculty of Pharmacy UCP Lahore 29-30 March 2019
4. Oral Presentation on “Formulation and physical characterization of thymoquinone containing niosomes: an approach towards effective treatment of diabetes with alpha-glucosidase inhibition” 2nd National Conference of Pharmaceutical Innovations and Future Prospects. College of Pharmacy UOS Sargodha 26-27 April 2019
5. Oral Presentation on Synthesis, characterization, and pharmacological evaluation of thymoquinone loaded phytosomes for enhanced anticancer efficacy of a natural anticancer drug 1st National Conference on Current Updates in Pharmacy Profession and Research COMSATS University Islamabad. Abbottabad Campus 29-30 July 2019
6. Oral Presentation on “Preparation and characterization of anticancer niosomal withaferin–A formulation for improved delivery to cancer cells: In vitro, in vivo, and in silico evaluation” in 2nd International Conference & Exhibition (IPCE-2020) New Paradigms of Pharmacy Education and Practice in Pakistan. Organized by Department of Pharmacy, The Islamia University of Bahawalpur.

PARTICIPATION IN TRAINING/WORKSHOPS & PROFESSIONAL DEVELOPMENT

1. 1st National workshop on sterile compounding and aseptic techniques–“A special focus on the handling of hazardous medication” held on 2nd January 2019 at the University of veterinary and animal sciences (UVAS), Lahore.
2. Training workshop on ethical teaching, in collaboration with QEC, UVAS, Lahore

REFERENCE:

Prof. Dr. Jamshed Iqbal (*Tamgha-e-Imtiaz*)
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Abbottabad Campus
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