

Curriculum Vitae



Personal Information

Name **Dr. Hafiz Awais Nawaz**
Job Title **Lecturer**
Address Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Outfall Road, Lahore, Pakistan.
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E-mail awais@uvas.edu.pk
Nationality Pakistani
Date of birth October 6th.1983
Gender Male

Ambitions

- To apply my professional knowledge and skills for the betterment of Pharmacy education and Research in Pakistan not only to fulfil the national needs but also to meet the international standards.
- To work in the area of synthesizing reactive oligomers for developing cross-linked matrices having applications in regenerative medicine.

Achievements

- Established Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Lahore in 2008 as member of pioneer team.
- Played a vital role as team member in the establishment of Bioequivalence Study (BeSt) Centre at University of Veterinary and Animal Sciences, Lahore in 2008.

Field of Specialization/ Specific Area of Expertise

- Pharmaceutics
- Formulation development
- Polymer synthesis
- Oligomer-cross-linked matrices
- Regenerative applications
- Biomedical applications

Education

Dates **October 2014 to November 2018**

Title of qualification PhD (Pharmaceutical Technology)
Research area Pharmaceutical Technology
Result magna cum laude
Institution University of Leipzig, Leipzig, Germany

Dates **March 2009 to April 2012**

Title of qualification Master of Philosophy (M.Phil) in Pharmaceutics
Principal subjects Pharmaceutics

Result	3.88 cGPA (Silver medallist)
Institution	Institute of Pharmaceutical Sciences (IPS), University of Veterinary and Animal Sciences, Lahore, Pakistan
Dates	March 2001 to December 2007
Title of qualification	Doctor of Pharmacy (Pharm. D)
Principal subjects	Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmacognosy,
Result	63.76 % (1 st Division)
Institution	University College of Pharmacy, University of The Punjab, Lahore, Pakistan.
Dates	August 1999 to August 2001
Title of qualification	Intermediate (FSC) Pre-Medical
Principal subjects	Physics, Chemistry, Biology
Result	77.90 %
Institution	Government College Lahore
Dates	1997 to 1999
Title of qualification	Secondary School Certificate (Matriculation)
Principal subjects	Physics, Chemistry, Biology, Mathematics
Result	88.90 %
Institution	Government Central Model School, Samnabad, Lahore
Work experience	
Dates	17 October 2008 to Date
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching and Research
Name and address of employer	Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan
Type of business or sector	Public sector University
Dates	15 March 2008 to 16 October 2008
Position held	Hospital Pharmacist
Main activities and responsibilities	<ul style="list-style-type: none"> ● Aseptic dispensing and extemporaneous preparation services, ● Drug information services, ● Clinical ward rounds, ● Training of apprentice pharmacists, ●
Name and address of employer	Children's Hospital and The Institute of Child Health, <i>Ferzopur Road, Lahore.</i>
Dates	4 January 2007 to 5 March 2008
Position held	Community Pharmacist
Main activities and responsibilities	<ul style="list-style-type: none"> ● Prescription handling and dispensing of drugs. ● Management of controlled drug dispensing. ● Patient counselling and drug information. ● Human resource management.

Name and address of employer

Fazal Din Pharma Plus, jail road, Lahore.

Type of business or sector

Community Pharmacy (Private Sector)

Academic & Scientific Contributions

Research Articles

- Mohsin Ali, Muhammad Usman , Huma Rasheed, Georg Hempel, **Hafiz A Nawaz**, Muhammad Hanif, Fawad Rasool & Mohammad Saleem. A systematic review on chromatography-based method validation for quantification of vancomycin in biological matrices. *Bioanalysis*. (Epub ahead of print) 10.4155/bio-2020-0230
- **Nawaz, Awais**; Schröck, Kathleen; Schmid, Maximilian; Kriehoff, Jan; Maqsood, Iram; Kascholke, Christian; Kohn-Polster, Caroline; Schulz-Siegmund, Michaela; Hacker, Michael. Injectable oligomer-cross-linked gelatin hydrogels via anhydride-amine-conjugation. *Journal of Chemistry B*. Revisions in process.
- Christian Wölk, **Hafiz Awais Nawaz**, Iram Maqsood, Fabio Strati, Gerald Brezesinski, Gerd Hause, Michaela Schulz-Siegmund and Michael C. Hacker. Amphiphilic functionalized oligomers – a promising strategy for the post-fabrication functionalization of liposomes. *Adv. Mater. Interfaces*, 2020, 2001168
- Muhammad Tahir Khan , Muhammad Usman , **Hafiz Awais Nawaz** , Huma Rasheed, Rizwan Rasul Khan, Syed Muhammad Muneeb Anjum, Muhammad Imran Khokhar and Naveed Akhtar. Formulation of Phaseolus vulgaris L. cream and its characterization. *Pak. J. Pharm. Sci.*, Vol.33, No.2 (Suppl), March 2020, pp.815-820
- Nafees Ahemad Umair Khurshid, Saeed Ahmad, Hammad Saleem, **Hafiz Awais Nawaz**, Gokhan Zengin, Marcello Locatelli. , Mohamad Fawzi Mahomoodally, Syafiq Asnawi Zainal Abidin, Muhammad Imran Tousif. Phytochemical composition and in vitro pharmacological investigations of *Neurada procumbens* L. (Neuradaceae): A multidirectional approach for industrial products. 2019. *Industrial Crops & Products*. Vol.142, pp. 1-7
- **Hafiz Awais Nawaz**, Muhammad Irfan Masood, Mateen Abbas, Muhammad Usman, Abdul Muqet Khan, Huma Rasheed, Sualeha Riffat. Evaluation of gender difference in pharmacokinetics of candesartan cilexetil in the fasted state by RP-HPLC: A single dose comparative study. 2019. *Pak. J. Pharm. Sci.*, Vol.32, No.3, pp. 1019-1024
- Iram Maqsood, Muhammad Irfan Masood, **Hafiz Awais Nawaz**, Iram Shahzadi, Naheed Arslan. Formulation, characterization and in vitro evaluation of antifungal activity of Nystatin microemulsion for topical application. 2019. *Pak. J. Pharm. Sci.*, Vol.32, No.4, pp. 1671-1677
- Michael C. Hacker, **Hafiz Awais Nawaz**. Multi-Functional Macromers for Hydrogel Design in Biomedical Engineering and Regenerative Medicine. 2015. *Int. J. Mol. Sci.* 2015, 16(11), 27677-27706
- Iram Shahzadi, Muhammad Irfan Masood, Farzana Chowdhary, Aftab Ahmad Anjum, **Muhammad Awais Nawaz**, Iram Maqsood, Muhammad Quaid Zaman. Microemulsion Formulation for Topical Delivery of Miconazole Nitrate. 2014. *Int. J. Pharm. Sci. Rev. Res.*, 24(2), Jan – Feb 2014; n° 06, 30-36
- Mateen Abbas, Abdul Muqet Khan, Sualeha Riffat, Muhammad Yasin Tipu, **Hafiz Awais Nawaz** and Muhammad Usman. Assessment of sex differences in Pharmacokinetics of Carvedilol in human. 2014. *Pak. J. Pharm. Sci.*, Vol.27, No.5, pp.1265-1269
- Iram Maqsood, Muhammad Irfan Masood, Sajid Bashir, **Hafiz Muhammad Awais Nawaz**, Aftab Ahmad Anjum, Iram Shahzadi, Mahmood Ahmad and Imran Masood. Preparation and in vitro evaluation of Nystatin micro emulsion based gel. 2015. *Pak. J. Pharm. Sci.*, Vol.28, No.5, pp.1587-1593

Book Chapters

- H. Rasheed, **HA Nawaz**, SMM Anjum and M. Usman (2019). “*Management of neurological disorders and pharmacist’s role: Epilepsy*” Encyclopedia of Pharmacy Practice and Clinical Pharmacy. Publisher: Elsevier, Volum: 3A, pp. 598-618.
- Huma Rasheed, Alia Zafar Rao, **HA Nawaz**, Khalid Saeed Bukhari (2019). “*Role of pharmacists in responding to Humanitarian crisis*”. Encyclopedia of Pharmacy Practice and Clinical Pharmacy. Publisher: Elsevier, Volume no. 2, pp. 317-324.

Oral Presentations

- **HA Nawaz** and Michael C Hacker. (2018). "Reactive and hydrophilic oligomer cross-linked hydrogels for regenerative applications. Oral presentation at Spring Retreat of Transregio Collaborative Research Centre (TRR67) held in Nimbschen, Germany 26th and 27th April 2018.
- **HA Nawaz** and Michael C Hacker. (2018). "Injectable gelatin based cell laden hydrogels for regenerative applications. Annual meeting of Controlled release society, German chapter, held in Halle, Germany 1st and 2nd March, 2018.
- **HA Nawaz** and Michael C Hacker. (2017). "Injectable gelatin based hydrogels for regenerative applications. Oral presentation at Annual meeting of German Society for Biomaterials, Germany) held in Würzburg, Germany 9-11th November 2017.
- **HA Nawaz** and Michael C Hacker. (2017). "Injectable hydrogels for regenerative applications. Oral presentation at Spring Retreat of Transregio Collaborative Research Centre (TRR67) held in Nimbschen, Germany 1st and 2nd June 2017.

Poster Presentations

- **Hafiz Awais Nawaz**, Kathleen Schröck, Annett Starke, Caroline Kohn-Polster, Christian Kascholke, Michaela Schulz-Siegmund, Michael C. Hacker. (2018). “Injectable reactive oligomer/gelatin hydrogels”. Poster presentation at 29th European Conference on Biomaterials, held in Maastricht, Netherlands on 9-13th September, 2018.
- **Hafiz Awais Nawaz**, Kathleen Schröck, Annett Starke, Caroline Kohn-Polster, Christian Kascholke, Michaela Schulz-Siegmund, Michael C. Hacker. (2018). “Injectable oligomer cross-linked gelatin hydrogels”. Poster presentation at 14th Research Festival Leipzig 2018, held in Leipzig, Germany on 15th January, 2018.
- M. Gronbach, J. Krieghoff, **H. Nawaz**, B. Müller, M. C. Hacker, M. Schulz-Siegmund. (2017). “Covalent aECM immobilization on reactive 3-D matrices - Progress report”. Poster presentation at Winter Retreat of Transregio Collaborative Research Centre (TRR67) held in Nimbschen, Germany 2nd and 3rd November, 2017.

Languages

Mother tongue(s) **Punjabi, Urdu**

Other language(s) **English, German (A2 Level)**

Extracurricular Activities

- Urdu reading
- Cricket
- Movies