


<b>Name</b>	Dr. Muhammad Shahzad Chohan		
<b>Specialization</b>	M. phil. Anatomy		
<b>Current Position</b>	Assistant Professor		
<b>Contact email (Official)</b>	mshwhan@kfu.edu.sa		
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<b>Academic Qualifications</b>	<b>Post graduate degree</b>	M.Phil. Anatomy in 2007 from University of Health sciences Lahore. Pakistan.	
	<b>Graduate degree</b>	M.B.B.S in 1997 from Nishtar Medical College. Multan. Pakistan.	
<b>Teaching Experience</b>	<ul style="list-style-type: none"> <li>➤ <b>September 2009 to date</b>, Assistant Prof Anatomy at King Faisal University. Saudi Arabia.</li> <li>➤ <b>9<sup>th</sup> Jan 2009 to 1<sup>st</sup> Sept 2009</b>, Asst Prof Anatomy, College of Medicine and Dentistry, University of Lahore. Pakistan</li> <li>➤ <b>30<sup>th</sup> April 2007 to 31<sup>st</sup> Dec 2008</b>, Senior Demonstrator Anatomy at FMH college of Medicine and Dentistry. Lahore. Pakistan</li> <li>➤ <b>Jan 2005 to April 2007</b>, Post graduate Trainee at University of Health Sciences Lahore</li> <li>➤ <b>19<sup>th</sup> April 2004 to 11<sup>th</sup> Jan 2005</b>, Demonstrator at College of Medicine and Dentistry, University of Lahore. Pakistan</li> <li>➤ <b>5<sup>th</sup> September 2001 to 18<sup>th</sup> April 2004</b>, Demonstrator at Lahore Medical and Dental College. Lahore. Pakistan</li> <li>➤ <b>September 1999 to August 2000</b>, House Job in Ophthalmology from Data Darbar Hospital Lahore</li> <li>➤ <b>January 1999 to August 1999</b>, House Job in General Surgery from Nawaz Sharif Social Security Hospital Lahore in 1999</li> </ul>		

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- **December 1997 to June 1998**, House Job in Paeds Medicine from Children Complex Hospital Lahore in 1997
  - **March 1997 to September 1997**, House Job in General Medicine from Shaikh Zayed Hospital Lahore
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**Courses** Anatomy and Histology

**Taught and Teaching in KFU** Anatomy and Physiology

First Aid and Emergency Medicine

Physical Assessment

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- Research Interests**
- To study effects of Vitamin C against paraquat induced toxicity in liver and kidney of mice
  - To study the effects of paraquat in lungs of the mice
  - Public Health
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- Research Grants Received**
1. **Title of the Research:** Protective Effect of Caffeic Acid Phenethyl Ester against Acute and Subchronic Mice Cardiotoxicity Induced by Cyclophosphamide Alone or Plus Naproxen  
**Deanship of Scientific Research, King Faisal University, Saudi Arabia (Grant number: 130016): 2020**
  2. **Title of the Research:** Protective effects of lutein against vancomycin-induced acute renal injury in mice via upregulation of peroxisome proliferator-activated receptor gamma/nuclear factor erythroid 2-related factor 2 and inhibition nuclear factor-kappaB/caspase 3  
**Deanship of Scientific Research, King Faisal University, Saudi Arabia (Grant number: 140237): 2021**
  3. **Title of the Research:** Sensitivity Enhanced Ecofriendly UV Spectrophotometric Methods for Quality Control of Telmisartan and Benidipine Formulations: Comparison of Whiteness and Greenness with HPLC Methods  
**Deanship of Scientific Research, King Faisal University, Saudi Arabia (Grant number: AN000538): 2022**
  4. **Title of the Research:** Multivariate Optimization of Chromatographic Conditions for Rapid Simultaneous Quantification of Antidiarrheal Drugs in Formulation Using Surface Response Methodology.  
**Deanship of Scientific Research, King Faisal University, Saudi Arabia**
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**(Grant number: AN000125): 2022**

- 5. Title of Research:** Identification of Novel Cyclooxygenase-1 Selective Inhibitors of Thiadiazole-Based Scaffold as Potent Anti-Inflammatory Agents with Safety Gastric and Cytotoxic Profile.

**Deanship of Scientific Research, King Faisal University, Saudi Arabia**

**(Grant number: INST 176): 2023**

- 6. Title of Research:** Insilico targeting of virus entry facilitator NRP1 to block SARS-CoV2 entry.

**Deanship of Scientific Research, King Faisal University, Saudi Arabia (Grant number: KFU 242004):**

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**Public  
ations**

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- 1 Chohan MS, Tahir M, Lone KP et al. 2010. Paraquat induced hepatotoxicity in albino mice. *Pakistan J. Zool* 42(1): 60-73.
- 2 Chohan MS, Zehra U, Burki W et al. 2011. Paraquat induced toxicity in spleen of albino mice. *Ann. Pak. Inst. Med. Sci* 7(1): 6-9.
- 3 Chohan MS, Tahir M, Lone K, et al. 2011. Paraquat induced toxicity in Adrenals in albino mice. *AJBMS* 3(3): 228-235.
- 4 Khan TM, Shahzad CM, Ahmed MK et al. 2012. Attitudes of emergency department staff towards the role of clinical pharmacists in a region of Saudi Arabia- a pilot study. *Trop. J. Pharm. Res* 11(3): 477-483.
- 5 Chohan MS and Qurrait-ul-ain. 2013. Anatomical variation of the origin of the left vertebral artery-A case Report. *GARJMMS* 2(8): 190-192.
- 6 Chohan MS, Omar MM, Sahibzada TR et al. 2017. Effect of vitamin C on N,N'-dimethyl-4,4'-bipyridinium dichloride-induced hepatic and renal toxicity in Swiss albino mice. *Trop. J. Pharm. Res* 16(11): 2645-2649.
- 7 Mahesh Attimarad, Muhammad Shahzad Chohan, Abdulmalek Ahmed Balgoname. 2019. Simultaneous Determination of Moxifloxacin and Flavoxate by RP-HPLC and Ecofriendly Derivative Spectrophotometry Methods in Formulations. *Int. J. Environ. Res. Public Health* 16(7): 1196.
- 8 Chohan MS, Elgorashe RE, Balgoname AA et al. 2019. Eco-friendly Derivative UV Spectrophotometric Methods for Simultaneous Determination of Diclofenac Sodium and Moxifloxacin in Laboratory Mixed Ophthalmic Preparation. *Indian J. Pharm. Educ. Res* 54(1): 166-174.
- 9 Mahesh Attimarad, Muhammad Shahzad Chohan, Rafea Elamin et al. 2020. Smart analysis of a ternary mixture of amlodipine, hydrochlorothiazide and telmisartan by manipulation of UV spectra: Development, validation and application to formulations. *J. Mol. Struct* 1212: 128095.
- 10 Promise Madu Emeka, Mohamed A. Morsy, Ibrahim A. Alhaider, Muhammad S. Chohan. 2020. Protective Effect of Caffeic Acid Phenethyl Ester against Acute and Subchronic Mice Cardiotoxicity Induced by Cyclophosphamide Alone or Plus Naproxen. *16(17): 0973-1296.*
- 11 Snawar Hussain, Shinu Pottathil, Mohammad M Islam, Chohan M Shahzad. Analysis of Codon Usage and Nucleotide Bias in Middle East Respiratory Syndrome Coronavirus Genes. *Evol. Bioinformatics Online* 16: 117693432091886.
- 12 Promise M. Emeka, Sahibzada T. Rasool, Mohamed A. Morsy, Muhammad S. Chohan. 2021. Protective effects of lutein against vancomycin-induced acute renal injury in mice

- via upregulation of peroxisome proliferator-activated receptor gamma/nuclear factor erythroid 2-related factor 2 and inhibition of nuclear factor-kappaB/caspase 3. *Korean J. Physiol. Pharmacol* 25(4): 321-331.
- 13 Promise M Emeka, Sahibzada T Rasool, Mohamed A Morsy, Mohamed I Hairul Islam, Muhammad S Chohan. 2021. Corrigendum to: Protective effects of lutein against vancomycin-induced acute renal injury in mice via upregulation of peroxisome proliferator-activated receptor gamma/nuclear factor erythroid 2-related factor 2 and inhibition of nuclear factor-kappaB/caspase 3. *Korean J. Physiol. Pharmacol.* 25(5): 495.
  - 14 Mahesh Attimarad, Katharigatta N. Venugopala, Nagaraja Sreeharsha, Muhammad S. Chohan et al. 2021. A Rapid HPLC Method for the Concurrent Determination of Several Antihypertensive Drugs from Binary and Ternary Formulations. *Separations* 8 (86).
  - 15 Sara A Aldossary, Muhammad Shahzad Chohan, Mohammed Al mohaini, Sahibzada Tasleem Rasool. 2021. Capsaicin ameliorates the nephrotoxicity induced by methotrexate. *PJPS* 34(6): 2191-2195.
  - 16 Mahesh Attimarad, Katharigatta N. Venugopala, Chohan M Shahzad et al. 2022. Multivariate Optimization of Chromatographic Conditions for Rapid Simultaneous Quantification of Antidiarrheal Drugs in Formulation Using Surface Response Methodology. *Separations* 9(5): 103.
  - 17 Mahesh Attimarad, Katharigatta N. Venugopala, Chohan M Shahzad et al. 2022. An Experimental Design Approach to Quantitative Expression for Quality Control of a Multicomponent Antidiabetic Formulation by the HILIC Method. *Molecules* 27(10): 3135.
  - 18 Muhammad Shahzad Chohan, Mahesh Attimarad, Katharigatta Narayanaswamy et al. 2022. Sensitivity Enhanced Ecofriendly UV Spectrophotometric Methods for Quality Control of Telmisartan and Benidipine Formulations: Comparison of Whiteness and Greenness with HPLC Methods. *19(12): 7260.*
  - 19 Mahesh Attimarad, Chohan M Shahzad, Katharigatta N. Venugopala et al. 2022. Mathematically Processed UV Spectroscopic Method for Quantification of Chlorthalidone and Azelnidipine in Bulk and Formulation: Evaluation of Greenness and Whiteness. *J. Spectroscopy* (3s): 1-13.
  - 20 Michelyne Haroun, Maria Fesatidou, Anthi Petrou, Christophe Tratat, Panagiotis Zagaliotis, Antonis Gavalas, Katharigatta N Venugopala, Hafedh Kochkar, Promise M Emeka, Nancy S Younis, Dalia Ahmed Elmaghraby, Mervt M Almostafa, Muhammad Shahzad Chohan et al. 2023. Identification of Novel Cyclooxygenase-1 Selective Inhibitors of Thiadiazole-Based Scaffold as Potent Anti-Inflammatory Agents with Safety Gastric and Cytotoxic Profile. *Molecules* 28(8): 3416.
  - 21 Mokammel Hossain Tito, Most Hoor E Jannat, Mst Tachhlima Aktar, Barshon Saha, Puja Das, Md Kawser, Md Arafat Hossain, Md Neyamul Islam, Muhammad Shahzad Chohan, Shahzad Khan. 2024. Advancing vector-borne disease prediction through functional classifier integration: A novel approach for enhanced modeling. *Letters in Animal Biology* 4(1), 17-22.

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**Presentations  
And  
abstracts**

- SUN BURNS – A leading cause to the development of skin cancers
  - Carpal Tunnel Syndrome
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**Works  
hops /  
Semin  
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attend  
ed**

1. A research work shop on Research Methods at university of health sciences. Lahore, Pakistan
  2. Real time PCR WORKSHOP at university of health sciences Lahore. Pakistan
  3. Work shop on academic advising at king faisal university, saudia arabia
  4. International exhibition and conference on higher education at riyadh in saudia Arabia
  5. Ist annual technology forum at king fahad university at dahran
  6. Seminar, the value of electron microscopy in today's world of medical research at khobar, saudia Arabia
  7. How to use of black board, a work shop at king faisal university in Saudia Arabia.
  8. Designing courses that motivate and engage students for deep learning.
  9. Workshop on the use of Ref Works at king faisal university in Saudia Arabia.
  10. Workshop on Intended Learning Outcomes at king faisal university in Saudia Arabia.
  11. Training seminar for Saudi Digital Library held in Saudia Arabia
  12. Training program on “Dealing with research failure and turning it into success”.
  13. “Web of Science and End Note1 ” Training Work Shop in Saudia Arabia.
  14. Training workshop for Turnitin and iThenticate anti plagiarism programs in Saudia Arabia.
  15. 2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS). Manama, Bahrain.
  16. 2024 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS). Manama, Bahrain.
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