

Personal information



First name(s) / Surname(s)	Zahid Manzoor S/O Manzoor Hussain
Address(es)	Permanent Address: House # 1205, Block No. 7, Mohallah Madan Shah, District, Jhang, Punjab, Pakistan. Post Code 33200 Current Address: Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, Cholistan University of Veterinary & Animal Sciences Bahawalpur, Pakistan, Post Code 63100
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E-mail	zahidmanzoor@cuvas.edu.pk & dr_hafizzahid@hotmail.com
Nationality	Pakistani
Date of birth	06-10-1978
Gender	Male
Religion	Islam
Blood Group	A Positive
National Identity Card Number	33202-1143755-3
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Work experience

Dates	November 2018- To date
Occupation or position held	Assistant Professor Pharmacology & Toxicology
Main activities and responsibilities	Teaching and Research of Undergraduate & Postgraduate Students (DVM, MLT, Microbiology, Food Science & Technology, Biochemistry, Chemistry),
Name and address of employer	Cholistan University of Veterinary & Animal Sciences Bahawalpur-Pakistan
Dates	May 2018- November 2018
Occupation or position held	Assistant Professor Biomedical Sciences
Main activities and responsibilities	Research projects development and grant development, Development and validation of bio-analytical methods of HPLC
Name and address of employer	King Edward Medical University, Lahore-Pakistan
Dates	January 2003- September 2006
Occupation or position held	Veterinary Extension Officer
Main activities and responsibilities	Provided Veterinary Knowledge and Techniques, Conducted capacity building training, Treatment of diseases

Name and address of employer	Jamal Din Wali Sugar Mills-Nartional Rural Support Programme (JDW-NRSP), Rahim Yar Khan-Pakistan
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Education and Training

Dates Title of qualification awarded Principal subjects/occupational skills covered PhD Thesis Title Name and type of organisation providing education and training	January 2011-October 2016 Doctor of Philosophy (Ph.D) in Pharmacology (3.79/4.00 CGPA) Pharmacokinetics, Pharmacodynamics, High Performance Liquid Chromatography (HPLC) Technique, Pharmacokinetics, renal clearance and urinary excretion of danofloxacin in domestic ruminant species Isra University, Hyderabad-Pakistan
Dates Title of qualification awarded Principal subjects/occupational skills covered M.Phil Thesis Title Name and type of organisation providing education and training	January 2007-Decemeber 2009 Master of Philosophy (M.Phil) in Parasitology (3.95/4.00) Parasitology, Chemotherapy, Histopathology, Poultry medicine Evaluation of anticoccidial effects of hydrochloric acid in broiler chickens College of Veterinary Medicine, University of Agriculture, Faisalabad-Pakistan
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training	Nov 1997-Nov 2001 Doctor of Veterinary Medicine (2.91/4.00 CGPA) Anatomy, Histology, Physiology, Pharmacology, Pharmaceutics, Toxicology, Biochemistry, Pathology, Parasitology, Epidemiology, Microbiology, Medicine & Surgery, Reproduction, Livestock Management, Poultry and Nutrition College of Veterinary Medicine, University of Agriculture Faisalabad-Pakistan
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training	June 1994-June 1997 Higher Secondary School Certificate Examination (835/1100-First Division) Biology, Physics, Chemistry, English Government College Jhang, Board of Intermediate & Secondary Education Faisalabad- Pakistan
Dates Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training	June 1992-June 1994 Secondary School Certificate Examination (717/850-First Division) Biology, Physics, Chemistry, English Government College Jhang, Board of Intermediate & Secondary Education Faisalabad- Pakistan

Personal skills and competences

Mother tongue(s)

Punjabi

Other language(s)

Self-assessment

Urdu

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Excellent	Excellent	Excellent	Excellent	Excellent
Excellent	Excellent	Excellent	Excellent	Excellent

Technical skills and competences

Development & Execution of In-Vivo Research in Laboratory Animals. Handling of Laboratory Animals. Method Development and Validation of HPLC Technique, Immunohistochemical Techniques, ELISA Techniques, Histopathological Techniques, Western Blotting, Ethnopharmacology, Molecular Pharmacology, etc.

Computer skills and competences

MS Office Skills, Image Pro Plus Processing Skills, Image-J Skills, Photoshop Skills, Quantity One Using Skills, Graphpad Prism Using Skills etc

Membership of professional bodies

1. Member of Pakistan Veterinary Medical Council
2. American Society for Pharmacology and Experimental Therapeutics (ASPET)
3. American Academy of Veterinary Pharmacology & Therapeutics (AAVPT)
4. European Association for Clinical Pharmacology & Therapeutics (EACPT)
5. International Union of Basic and Clinical Pharmacology (IUPHAR)
6. Humane Society Veterinary Medical Association (HSVMA)(ID # 91671)
7. The Royal Society of Medicine (RSM)
8. International Society on Thrombosis & Haemostasis (ISTH)

Awards & Certificates

1. Received Certificate of Honour by Dean, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan on securing 2nd position in M.Phil in 2009.
2. Received M. Phil Merit Scholarship from University of Agriculture, Faisalabad, Pakistan in 2009.
3. Secured Indigenous Ph.D. Fellowship from Higher Education Commission (HEC), Pakistan in 2010.
4. Received Letter of Appreciation on providing good services for one day workshop on "Managing Plagiarism in Academic Research; Pre & Post Controlling Strategies, Hands on Training using Plagiarism Software Turnitin" held on July 23, 2011.
5. Received Honorarium from Pakistan Journal of Pharmaceutical Sciences on successful review of article entitled "Virectomy combined with intraocular drug injection on treatment of endophthalmitis" dated September, 21, 2015.
6. Received Certificate of Completion of online course "Learn to use Phoenix WinNonlin" by Dr. Nathan Teuscher, Head of PK/PD Associates, Limited, USA on Oct, 27, 2015.
7. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Detection of phenolic acids and flavanoids by HPTLC fingerprint analysis and evaluation of hepatoprotective activity of a fern species *Macrothelypteris tarresiana* (Gaudich) aerial parts against CCl₄ induced oxidative stress" on November, 26, 2015.
8. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Phytochemicals, antibacterial, antifungal and cytotoxicity of selected eleven medicinal plants from Pravara area, Maharashtra" on January, 26, 2016.
9. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Hepatoprotective effect of *Crocus sativus* on amiodaron induced liver toxicity" on March, 05, 2016.

10. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Comparative efficacy of vitamin A and spirulina in the prevention of arsenicosis in rats" on March, 07, 2016.
11. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Comparative studies on percentage yield and phytochemical screening of leaf, bark, and root of *V. paradoxa* extracted using four solvents" on March, 30, 2016.
12. Certificate of Reviewing from the Editors of Critical Reviews in Oncology/Hematology (**Elsevier Reviewer Recognition**) awarded since March, 2016.
13. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Evaluation of anti neoplastic of a new 1, 2, 4-triazole derivative against dalton's lymphoma ascitic in mice" on March, 30, 2016.
14. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Evaluation of antidermatophytic potential of Eucalyptus globulus essential oil and chemical composition" on May, 13, 2016.
15. Received Honorarium from Pakistan Journal of Pharmaceutical Sciences on successful review of article entitled "Combination of epidural and general anesthesia significantly attenuates surgical stress response and minimizes postoperative pain in open appendectomy patients" on July, 19, 2016.
16. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Acute toxicity and hypoglycaemic activity of the leaf extracts of *Persea americana* Mill.(Lauraceae) in wistar rats on July, 21, 2016.
17. Received Certificate of Attendance on webinar entitled "Cost of Care: Impact on Animal Welfare and Veterinary Well-being" from Humane Society Veterinary Medical Association, Washington DC. USA on September, 21, 2016.
18. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "In vivo antioxidant and lipid peroxidation effect of various extracts from aerial parts of *Chomelia asiatica* (Linn) in rats fed high fat diet" on September, 29, 2016.
19. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Antioxidant, antibacterial and cytotoxicity studies from flavonoid rich fraction of *Enicostemma axillare* (LAM) raynal leaves" on October, 27, 2016.
20. Received Certificate of Completion of online course "Population PK Modeling for Beginners" by Dr. Nathan Teuscher, Head of PK/PD Associates, Limited, USA on Feb, 04, 2017.
21. Manuscript Evaluation Certificate from African Journal of Pharmacy and Pharmacology on successful review of article entitled "Caffeic acid reduces lipid accumulation and ROS production in adipocytes" on June, 28, 2018.
22. Certificate of Reviewing from the Editors of Journal of Traditional and Complementary Medicine (**Elsevier Reviewer Recognition**) awarded since August, 2019.

Conferences/Workshops attended

1. "International Training Workshop on Biopharmaceutical Technologies" held at Huazhong University of Science and Technology (HUST), Wuhan, China on Nov 04-23, 2019.
2. "1st International Workshop on Biodiversity, Techniques & Tools" held at Cholistan University of Veterinary & Animal Sciences, Bahawalpur, Pakistan on April 04-05, 2019.
3. "International Buffalo Congress (IBC)" held at University of Veterinary & Animal Sciences, Lahore, Pakistan on February 18-19, 2019.
4. "In-service Competency Enhancement Training for University Faculty" three days workshop held at Cholistan University of Veterinary & Animal Sciences, Bahawalpur, Pakistan on January 28-30, 2019.
5. Life Sciences Society of Pakistan, 4th International molecular biology and biotechnology congress and conference on life sciences research 2015 held at Al-Nafees Medical College & Hospital, Isra University, Islamabad, Pakistan on September, 04-06, 2015.
6. "Research Ethics" held at Al-Nafees Medical College, Isra University, Islamabad campus, Pakistan on January 12-13, 2012.
7. "Orientation Training Workshop and Effective Communication & Presentation Skills" organized by National Rural Support Programme (NRSP) held at Institute of Rural Management Islamabad, Pakistan on March 26-31, 2003.
8. "Managing Plagiarism in Academic Research; Pre & Post Controlling Strategies, Hands on Training using Turnitin Software" held at Isra University, Hyderabad on July 23, 2011.

Student Supervision

1. **Muhammd Abdullah Mueen** (2019-CU-MICRO-079), **M.Phil** in Pharmacology & Toxicology, at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Investigating the Pharmacological Effects of *Mangifera indica* in Tuberculosis" (**Supervisor**)
2. **Mahreen Fatima** (2019-CU-BIOS-007), **M.Phil** in Pharmacology & Toxicology, at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Exploring the Phytopharmacological Potential of *Foeniculum vulgare* in Alzheimer's Disease Treatment" (**Supervisor**)
3. **Saba Seher** (2019-CU-MICRO-078), **M.Phil** in Pharmacology & Toxicology, at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Phytopharmacological Investigation of Rosmarinus officinalis for the Management of E. coli Resistance" (**Supervisor**)
4. **Sania Shaheen** (21-CUVAS-0075), **M.Phil** in Biochemistry at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Determination of phytochemicals, antioxidant, and hepatoprotective effects of Gisekia pharnaceoides plant extract" (**Co-supervisor**)
5. **Fariha Bashir** (21-CUVAS-0074), **M.Phil** in Biochemistry at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Phytochemical screening, antioxidant, and nephroprotective properties of Abutilon muticum plant extract" (**Co-supervisor**)
6. **Maria Khan** (20-CUVAS-0607), **M.Phil** in Biochemistry at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Phytochemical screening, anti-bacterial, anti-inflammatory, and antidiabetic properties of Caralluma edulis (Edgew.) plant extracts" (**Co-supervisor**)
7. **Almas Atta** (20-CUVAS-0605), **M.Phil** in Biochemistry at Cholistan University of Veterinary and Animal Science, Bahawalpur, Pakistan. Research topic, "Phytochemical analysis, wound healing, and antidiabetic potential of Dipterygium glaucum (Decne.) extracts on rabbit model" (**Co-supervisor**)
8. **Muhammad Asif** (Reg. No. 2016-VA-13), **M.Phil** in Clinical Medicine & Surgery at University of Veterinary and Animal Sciences (UVAS), Lahore, Pakistan. Research

topic "Identification of effect of mastitis on production and reproductive efficiency in dairy buffaloes" (**External Examiner**, June 28, 2018).

9. **Mehboob Ali** (Reg. No. 2010-VA-608), **M.Phil** in Clinical Medicine & Surgery at University of Veterinary and Animal Sciences (UVAS), Lahore, Pakistan. Research topic "Clinico-epidemiology of Staphylococcus aureus subclinical mastitis in camels from two district ecological zones" (**External Examiner**, August 15, 2018).

10. **Ghazunfar Rashid** (Reg. No. 2010-VA-512), **Ph.D** in Clinical Medicine & Surgery at University of Veterinary and Animal Sciences (UVAS), Lahore, Pakistan. Research topic "Determination of nitrate and nitrite contents in livestock fodders and blood: its deleterious effects and antidotal studies in rabbits" (**External Examiner**, August 30, 2018).

Oral/Poster Presentation

1. **Poster presentation:** Muhammad Farrukh Nisar, **Zahid Manzoor**, Muhammad Yasir Waqas, Muhammad Sajid, Muhammad Rafiq, Nasir Niaz, Aisha Mahmood and Muhammad Moazam Jalees. "Development of Quercetin loaded ZnO nanoparticles with photo-protective effects on human skin HaCaT cells". (Accepted in Book of Abstracts, One day Symposium on Nanomedicine, Current Scenario Future Perspective on August 06, 2019 at University of Agriculture, Faisalabad, Pakistan, page No. 18).

2. **Poster presentation:** Muhammad Farrukh Nisar, **Zahid Manzoor**, Haseeb Khaliq, Muhammad Sajid, Muhammad Yasir Waqas, and Kamal Niaz. "Chia Seeds Gel: A new biomedical material for drug delivery and wound healing". 2nd International Pharmacy Conference & Exhibition (IPCE) held on February, 20-21, 2020 at The Islamia University of Bahawalpur.

3. **Poster presentation:** Khaliq, H., Nisar, M. F., Sajid, M., Waqas, Y., **Manzoor, Z.**, Biotechnology approaches to insight in the medical and veterinary sectors. 1st International Conference on Science, Technology, Engineering, Mathematics, and Social Sciences (STEMS) held on 30-31 March, 2021 at The Islamia University of Bahawalpur.

4. **Poster presentation:** Sajid, M., Khaliq, H., Nisar, M. F., **Manzoor, Z.**, Waqas, Y., Siddique, F., Masood, S., Recent trends in stem cell technology. 1st International Conference on Science, Technology, Engineering, Mathematics, and Social Sciences (STEMS) held on 30-31 March, 2021 at The Islamia University of Bahawalpur.

Accepted Abstracts

1. Abbas, R.Z., **Manzoor, Z.**, Iqbal, Z., Khan, M.N., Saleemi, M.K. and Zafar, M.A. 2009. "The evaluation of anticoccidial activity of hydrochloric acid against *Eimeria tenella* in broiler chickens". (Accepted in Book of Abstracts, XVITH **World Veterinary Poultry Association Congress**, Marrakesh, Morocco November, 8-12, 2009).
2. **Manzoor, Z.**, Munawar, S. , Iqbal, Z. , Khan, I. , Aziz, A. , Qasim, H. (2014). "Pharmacokinetics, Dosage Regimen and In Vitro Plasma Protein Binding of Danofloxacin Following Intravenous Administration in Adult Buffaloes". ICRR, XII International conference on radiopharmacy and radiopharmaceuticals, Paris, France, Dec 30-31, 2014. World Academy of Science, Engineering and Technology, International Science Index, Pharmacological and Pharmaceutical Sciences, 2(10), 371.
3. **Manzoor, Z.**, Munawar, S.H., Iqbal, Z. Pharmacokinetics and pharmacokinetic/pharmacodynamic integration of danofloxacin in Lohi sheep. International Congress on Infectious Diseases (19th ICID) held in Kuala Lumpur, Malaysia on 20-23 February, 2020. (Accepted in Book of Abstracts) in "**International Journal of Infectious Diseases**", 101 (S1), 2021, page no. 117 (IF = 3.62)

Book Chapters Published

1. **Manzoor, Z.**, Munawar, S. H., Nisar, M. F., Waqas, M. Y., Munir, M.M. (2021). Computational Methods for COVID-19 Treatment. In: Coronavirus Disease-19 (COVID-19): A Perspective of New Scenario, **Bentham Science Publishers**
2. Munawar, S.H., **Manzoor, Z.**, Nisar, M. F., Waqas, M. Y., Khan, I. A. (2021). Evaluation of SARS-CoV-2 neutralizing antibodies in sera using live virus neutralization assay. In: COVID-19, Epidemiology, Biochemistry, and Diagnostics, **Bentham Science Publishers**
3. Nisar, M.F., Wan. C., **Manzoor, Z.**, Waqas, Y., Niaz, K., Ayaz, M.M. (2020). Glycosidic derivatives of flavonoids. In: Phytochemistry and classification of glycosidic derivatives of flavonoids, In Book: Recent Advances in Natural Products Analysis, **Elsevier Publishers**

Publications

1. Muhammad Waseem, Santosh Kumar, Riffat Sultana, Irfan Baboo, **Zahid Manzoor**. Exploration of the Coleoptera Fauna in the Cholistan Desert, Punjab, Pakistan. *Plant Protection*. 2025; 9(2): 261-272:(IF = 1.4)
2. Zahra Shareef, Afsana Murtaza, Ghousia Fatima, Amjad Islam Aqib, **Zahid Manzoor**, Muhammad Sibghat Ullah Malik, Hafiz Iftikhar Hussain. Pharmacological and Herbal Approach to Diabetes Mellitus Type 2 Management: A Comparative Analysis of Conventional Therapy and Alternative Remedy. *Annales Pharmaceutiques Françaises*. 2025; (IF = 5.0)
3. Tahir Mahmood Qureshi, Muhammad Nadeem, Ghulam Muhammad, Waseem Abbas, Kashif Akram, Majid Hussain, **Zahid Manzoor**, Salam A. Ibrahim. Physico-Chemical Characteristics, Antioxidant Activities, and ACE Inhibitory Potential of Pakistani Dahi Supplemented With Date Fruit Paste. *Food Science & Nutrition*. 2025; 13(2): e4588:(IF = 5.0)
4. Amna Mariam, Huma Naz, Tanveer Ahmed, Muhammad Umar Ijaz, Muhammad Usman, Zahid Manzoor, et al. Evaluation of catalase activity, gill histology and genotoxic effects of cadmium in Tilapia (*Oreochromis niloticus*) fingerlings. *Sains Malaysiana*. 2024; 53(7): 1477-1491 (IF = 0.7)
5. Asad Rehman, Usman Majeed, Afshan Shafi, Muhammad Shahbaz, Irfan Baboo, Rizwana Sultan, **Zahid Manzoor**, et al. Evaluation of antioxidant capacity and bioactive compounds in *Capsicum annum* L. red peppers

following drying in a polycarbonate greenhouse. **The EuroBiotech Journal**. 2024; 8(1): 12-22 (IF = 1.2)

6. Muhammad Saeed, Muhammad Sajjad Khan, Kinza Amir, Jannat Bi Bi, Muhammad Asif, Asadullah Madni, Asghar Ali Kamboh, **Zahid Manzoor**, Umair Younas, Sun Chao. *Lagenaria siceraria* fruit: A review of its phytochemistry, pharmacology, and promising traditional uses. **Frontiers in Nutrition**. 2022; 9: <https://doi.org/10.3389/fnut.2022.927361> (IF = 6.5)

7. Maria Khan, **Zahid Manzoor***, Muhammad Rafiq, Shaukat Hussain Munawar, Muhammad Yasir Waqas, Hamid Majeed, Syed Zahid Ali Shah, Riaz Hussain, Hafiz Iftikhar Hussain, Tehreem Tahir, Katarzyna Kotwica-Mojzych, Mariusz Mojzych. Phytochemical screening, anti-inflammatory, and antidiabetic activities of different extracts from *Caralluma edulis* plant. **Molecules**. 2022; 27: 5346. <https://doi.org/10.3390/molecules27165346> (IF = 4.92)

8. Qurat U Ain, Mashhud H. Abid, Muhammad Hashim, Shahid Ishaq, Ashira Manzoor, Perwasha Perwasha, Gul E Mizgan, Muhammad Omer Iqbal, Shaukat H. Munwar, **Zahid Manzoor**, Imran A. Khan. Anticoagulant and Thrombolytic activities of leaf extract of *Mangifera indica* in smokers. **Tobacco Regulatory Science**. 2022; 8(1): 1189-1201. (IF = 2.02)

9. Muhammad Omer Iqbal, Majid Manzoor, Asma Mumtaz, Romana Riaz, Shafia Arshad, Imran Ahmad Khan, Usman Javaid, **Zahid Manzoor**, Shaukat Hussain Munawar, Shamaila Andleeb, Muhammad Masood Ahmed, Aqsa Aslam. Evaluation of the hepatoprotective activity of hydroalcoholic extract of *Alhagi camelorum* against valproic acid-induced hepatotoxicity in rats. **Biomedicine & Pharmacotherapy**. 2022; 150: 112953. <https://doi.org/10.1016/j.biopha.2022.112953> (IF = 7.41)

10. Muhammad Yasir Waqas, Muhammad Arshid Javid, Muhammad Mudasser Nazir, Nasir Niaz, Muhammad Farrukh Nisar, **Zahid Manzoor**, Sheraz Ahmed Bhatti, Sajid Hameed, Muhammad Haseeb Khaliq. Extracellular vesicles and exosome: insight from physiological regulatory perspectives. **Journal of Physiology and Biochemistry**. 2022; <https://doi.org/10.1007/s13105-022-00877-6> (IF = 5.08)

11. Muhammad Omer Iqbal, Muhammad Masood Ahmed, Shafia Arshad, Usman Javaid, Imran Ahmad Khan, Majid Manzoor, Shumaila Andleeb, Romana Riaz, Shaukat Hussain Munawar, **Zahid Manzoor**, Asma Mumtaz. Nephroprotective effects of *Alhagi camelorum* against cisplatin-induced nephrotoxicity in albino wistar rats. **Molecules**. 2022; 27: 941 <https://doi.org/10.3390/molecules27030941> (IF = 4.92)

12. Ashira Manzoor, Imran Ahmad Khan, Saba Kousar, Muhammad Omer Iqbal, Shaukat Hussain Munawar, **Zahid Manzoor**, Perwasha Perwasha. Evaluation of cardioprotective potential of hydroalcohol peel extract of *Citrullus colocynthis* Linn. (Cucurbitaceae). **Tropical Journal of Pharmaceutical Research**. 2022; 21(1): 105-110. (IF = 0.53)

13. Muhammad Yasir Waqas, Muhammad Arshad Javid, Muhammad Mudasser Nazir, Azhar Aslam, Sheraz Ahmed Bhatti, Asim Faraz, Qaiser Akram, Nasir Niaz, Muhammad Farrukh Nisar, Tanveer Ahmed, Muhammad Asif, Muhammad Haseed Khaliq, Shaukat Munawar, **Zahid Manzoor**, Qurbal Ali. A review on emerging therapeutic interventions for Corona virus. **Journal of Pharmaceutical Research International**. 2021; 33(60B): 2393-2402. (IF = 0.036)

14. Liangliang Yao, Suyou Zhu, Wei Liu, **Zahid Manzoor**, Muhammad Farrukh Nisar, Mingxi Li. A comprehensive review of pharmacological and analytical aspects of Acacetin. **Natural Resources for Human Health**. 2021; 1: 1-11.

15. Imran Ahmad Khan, Arslan Hussain Lodhi, Shaukat Hussain Munawar, Ashira Manzoor, **Zahid Manzoor**, Muhammad Asif Raza, Omer Iqbal. Assessment of ameliorative effect of Aab-e-Shifa polyherbal formulation in experimentally-induced wound in rabbits. **Tropical Journal of Pharmaceutical Research**. 2020; 19(11): 2357-2362. (IF = 0.20)
16. Naima Batool, Neelam Iqbal, Wajeeha Ashraf, **Zahid Manzoor***. Waste associated health hazards in different private hospitals: an alarming situation. **Rawal Medical Journal**. 2019; 44(3): 597-601.
17. Naima Batool, Neelam Iqbal, Mehak Gull, **Zahid Manzoor***, Pharmacokinetics and PK/PD modeling of amoxicillin in human male and female volunteers. **World Journal of Pharmacy and Pharmaceutical Sciences**. 2018; 7(7): 10-20.
18. Wajeeha Ashraf, Anam Ashraf, Naima Batool, Amna Manzoor, Uroosha Sarfraz, **Zahid Manzoor***. Alternate control strategies versus pharmacological control of asthma: a review. **World Journal of Pharmacy and Pharmaceutical Sciences**. 2018; 7(5): 219-241.
19. Muhammad Abdullah Abid, **Zahid Manzoor***, Umbreen Naz, Muhammad Mudassar Ashraf. Dose optimization and pharmacokinetic/pharmacodynamic integration of amoxicillin in Lohi sheep (*Ovis aries*) and Beetal goats (*Capra hircus*). **The Journal of Animal and Plant Sciences**, 2018; 28(8): 1669-1677. (IF = 0.58)
20. Abid Rasheed, Umbreen Naz, Adnan Sarwar, Muhammad Mudassar Ashraf, **Zahid Manzoor**, Shaukat Hussain Munawar, Maisam Ali Shahid, Ahsan Sarwar. Historical perspective of cervical cytology: a review. **Journal of University of Medical and Dental College**, 2017; 8(4): 1-6.
21. **Zahid Manzoor***, Shaukat Hussain Munawar, Zahid Iqbal, Muhammad Abdullah Abid. Some pharmacokinetic data and dosage regimen of danofloxacin after intravenous administration in Nili- Ravi and Kundhi buffaloes. **Buffalo Bulletin**, 2017; 36(2): 335-347. (IF = 0.10)
22. Munawar SH, Iqbal Z and **Manzoor Z**. Determination of renal handling of marbofloxacin in Lohi sheep (*Ovis aries*) following a single intravenous administration. **Iranian Journal of Veterinary Research**, 2017; 18(1): 49-57. (IF = 0.16)
23. **Zahid Manzoor***, Zahid Iqbal. Pharmacokinetics and dosage regimen of danofloxacin by RP- HPLC/UV method in teddy goats. **Latin American Journal of Pharmacy**, 2016; 35(1): 172-179. (IF = 0.37)
24. Imran Ahmad Khan, Khalid Hussain Janbaz, Abdul Aziz, Muzammal Sattar, Shaukat Hussain Munawar, **Zahid Manzoor**, Muhammad Asif Raza, Ghayoor Fatima, Abdul Hannan. Tracheal relaxant effect of aqueous-methanol extract of *Rumex vesicarius* L in rabbits. **Scientific Research & Essays**, 2015; 10(4): 150-155.
25. Imran Ahmad Khan, Abdul Aziz, Muzammal Sattar, Shaukat Hussain Munawar, **Zahid Manzoor**, Muhammad Asif Raza, Ghayoor Fatima, Abdul Hannan. Evaluation of wound healing potential of *Rumex Vesicarius* L. leaf extract and fractions in rabbit. **African Journal of Traditional, Complementary and Alternative Medicines**, 2015; 12(2): 60-64. (IF = 0.55)
26. Allah Bachaya, Muhammad Asif Raza, Muhammad Ashraf Anjum, Imran Ahmad Khan, Abdul Aziz, **Zahid Manzoor**, Shaukat Hussain Munawar. Prevalence of *Ascaridia galli* in white leghorn layers and Fayoumi-Rhode Island red crossbred flock at government poultry farm, Dina, Punjab, Pakistan. **Tropical Biomedicine**, 2015; 32(1): 1-6. (IF = 0.85)
27. Mahmood Asif, **Zahid Manzoor***, Muhammad Shehzad Farooq, Shaukat

Hussain Munawar, Abdul Aziz, Imran Ahmad Khan. Status of oxidant, antioxidant and serum enzymes in thalassemic children receiving multiple blood transfusions. **Journal of Pakistan Medical Association**, 2015; 65(8): 838-843. (IF = 0.48)

28. Imran Ahmad Khan, Abdul Aziz, Shaukat Hussain Munawar, **Zahid Manzoor**, Muhammad Asif Raza. Dermatological evaluation of counter irritant potential of human urine in rabbits. **Journal of Pakistan Medical Association**, 2015; 65(1): 9-11. (IF = 0.48)

29. Muhammad Shahzad Farooq, Mahmood Asif, Bushra Shaheen, **Zahid Manzoor**. Serum ferritin level in thalassemic patients of 10-15 years and its relationship with thyroid function tests. **Medical Forum Monthly**, 2014; 25(11): 40-44.

30. Mahmood Asif, **Zahid Manzoor**^{*}, Uzma Shaheen, Amama Kanwal, Zia-ur-Rahman, Zafar Hussain, Shaukat Hussain Munawar, Imran Ahmad Khan, Abdul Aziz, Muhammad Asif Raza. Effect of multiple blood transfusions on hormonal profile in thalassemic children. **Rawal Medical Journal**, 2014; 39(3): 265-269.

31. Imran Ahmad Khan, Abdul Aziz, Fatima Saqib, Shaukat Hussain Munawar, **Zahid Manzoor**, and Muhammad Asif Raza. Pharmacological evaluation of *Rumex vesicarius* Linn leaf extract and fractions in rabbit gastrointestinal ailment. **African Journal of Pharmacy & Pharmacology**, 2014; 8(12): 333-341.

32. Imran Ahmad Khan, Abdul Aziz, Hafiz Shoaib Sarwar, Shaukat Hussain Munawar, **Zahid Manzoor**, Haseeb Anwar. Evaluation of antiemetic potential of aqueous bark extract of *Cinnamomum loureirii*. **Canadian Journal of Applied Sciences**, 2014; 4(1): 26-32.

33. Abdul Aziz, Imran Ahmad Khan, Muhammad Bilal Ahmad, Shaukat Hussain Munawar, **Zahid Manzoor**, Sana Bashir, Muhammad Asif Raza. Evaluation of antipyretic activity of *Thuja occidentalis* Linn. in PGE1 and TAB-Vaccine induced pyrexia models in rabbits. **International Journal of Pharma Sciences**, 2014; 4(2): 481-484.

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