



**Professor Dr. Muhammad Ovais Omer**

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**Personal Information**

Name : Professor Dr. Muhammad Ovais Omer  
Designation : Professor/Head of Department/DSA  
Father's Name : Muhammad Iltaf  
Date of Birth : July 03, 1971  
CNIC No. : 35202-2193254-5  
Nationality : Pakistani  
Marital Status : Married

**Contact Details**

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Department of Pharmacology & Toxicology, Faculty of  
Bio-Sciences, University of Veterinary & Animal  
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**Academic Qualification**

**Course Title** : **Doctor of Philosophy (PhD) in Pharmacology and Toxicology**

Year : 2011

Institution : University of Veterinary and Animal Sciences,  
Lahore, Pakistan

Grade/Division : ***First***

**Course Title** : **Master of Science (M.Sc. Honors) in Pharmacology**

Year : 1999

Institution : College of Veterinary Sciences,  
Lahore, Pakistan

Grade/Division : ***First***

**Course Title** : **Doctor of Veterinary Medicine (D.V.M)**

Year : 1995

Institution : College of Veterinary Sciences,  
Lahore, Pakistan

Grade/Division : ***First***

**Course Title** : **Faculty of Science, Pre Medical (F.Sc.)**

Year : 1990

Institution : Government College,  
Gujranwala, Pakistan

Grade/Division : ***First***

**Course Title** : **Matriculation:**

Year : 1988

Institution : Government A.M. Islamia High School No.1  
Gujranwala, Pakistan

Grade/Division : ***First***

**Professional Experience**

- ◆ **Lecturer** (from 14.3.1996 to 26.5.2003). Pharmacology Section, College of Veterinary Sciences, Lahore, University of Agriculture, Faisalabad, Faisalabad, Pakistan.
- ◆ **Assistant Professor** (from 27.5.2003 to 10.3.2014), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **Assistant Professor** (from 1.8.2012 to 12.06.2013), Department of Pharmacology & Toxicology, Faculty of Pharmacy, **Umm Al-Qura University, Makkah Mukarramah, Kingdom of Saudi Arabia.**
- ◆ **Associate Professor** (from 11.3.2014 to 03.1.2018), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **First Tenure of Chairman** (from 20.3.2014 to 19.3.2017), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **Professor** (from 4.01.2018- to date), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **Acting Dean, FBS** (from 25.8.2018 to 11.9.2018). Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **Director Students' Affairs:** (from 2.5.2014 to date)
- ◆ **Second Tenure of Chairman:** (from 20.5.2020 to 19.3.2023), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ **Third Tenure of Chairman:** (from 20.5.2023 to date), Department of Pharmacology & Toxicology, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ Engaged in teaching undergraduate and postgraduate students (General Veterinary Pharmacology and Pharmaceutics, Systemic Veterinary Pharmacology and Therapeutics, Veterinary Toxicology and Chemotherapy, Pharmaceutics, Chemotherapy, Pharmacology of Indigenous Medicinal Plants, Pharmacology of Central Nervous System etc.) and research (published more than 40 National and International research papers).
- ◆ The research areas are on Pharmacology, Angiogenesis, Immuno Pharmacology, Toxicology, Ethnopharmacology, Plant medicines etc.
- ◆ Engaged in the teaching to undergraduate and postgraduate students in all the degree programs at city campus
- ◆ Impart technical/professional advice to the colleagues and students of UVAS and other universities/research Institutes
- ◆ Arranged conferences, workshops, seminars and poster competitions inside and outside Pakistan
- ◆ Organized different free treatment camps for the animals for students' training and practice
- ◆ Delivered lectures in different seminars arranged by Pharmaceutical companies or faculties
- ◆ Rendered advisory services to the students and to maintain discipline on the campus
- ◆ Managing office of Directorate of Students' Affairs

**Membership/Professional Activities:**

- ◆ Life member of Pakistan Veterinary Medical Council (PVMC)
- ◆ Member/Ex-Secretary (Ex-Officio) Discipline Committee
- ◆ Member of Association for Rational Use of Medication in Pakistan
- ◆ Member of Society of Pharmacology
- ◆ Member of Society of Physiology
- ◆ Member of Society of Parasitology
- ◆ External Examiner for Masters, College of Botany, Government College University, Lahore
- ◆ External Examiner for M. Phil (Pharmacology), Faculty of Pharmacy, University of Sargodha, Sargodha.
- ◆ External Examiner of Pharmacology for Pharm-D students, Faculty of Pharmacy, University of Sargodha, Sargodha.
- ◆ External Examiner for D.V.M. degree programme examination, Gomal University, D.I. Khan.
- ◆ Member, Board of Examination for Ph.D comprehensive examination, University of Veterinary & Animal Sciences, Lahore.
- ◆ Reviewer of articles for “the Journal of Animal and Plant Sciences (the JAPS)”.
- ◆ Ex-General Secretary, Society of Veterinary Pharmacology.
- ◆ Organized a seven days workshop on “Pharmacokinetics” CVS, Lahore in June, 2001.
- ◆ Organized a poster competition for the society of Veterinary Pharmacology 2002.
- ◆ Member of Organizing Committee of “National Seminar on diseases of sheep and goats”, March 28, 1996 at CVS., Lahore
- ◆ Ex-President Volley ball club, UVAS
- ◆ Ex-Member/Secretary Board of Study of Department of Pharmacology and Toxicology, UVAS.
- ◆ Ex-Chairman Board of Study of Department of Pharmacology and Toxicology, UVAS.
- ◆ Ex-Member/Secretary Board of Faculty of Bio-Sciences, UVAS.
- ◆ Ex-Member Board of Faculty of Animal Production and Technology, UVAS.
- ◆ Tutor & Coordinator of mega tutorial group
- ◆ Chairman/Member of committees for the preparation of undergraduate and postgraduate courses.
- ◆ Established Angiogenesis and a new postgraduate research laboratory in the department of Pharmacology & Toxicology.
- ◆ Ex-Head of undergraduate and postgraduate laboratories of the department
- ◆ Director Students’ Affairs, UVAS, Lahore
- ◆ Dean FBS nominee/Member of Board of Study of Department of Social Sciences, UVAS.
- ◆ Convener Faculty Scrutiny Committee for PhD Synopsis
- ◆ Member of Scientific Committee for 5<sup>th</sup> International Conference on Sustainable Agriculture and Environment, ICSAE, (8-10 October, 2018) at Diar Lemdina, City of Hammamet, Tunisia.

- ◆ Member of Scientific Committee for 10<sup>th</sup> International Animal Science Conference (25-27 October, 2018) at Antalya, Turkey.
- ◆ Member of Scientific Committee for The 6<sup>th</sup> International Conference on Agricultural and Biological Sciences (ABS 2020), August 23rd-26th, 2020, Tokyo, Japan
- ◆ Member of Technical Committee for 7<sup>th</sup> International Conference on Sustainable Agriculture and Environment (7<sup>th</sup> ICSAE), 14-15 August 2020 in Surakarta, Indonesia.

**Undergraduate Teaching:**

General and Systemic Pharmacology for DVM  
Veterinary Chemotherapy and Toxicology for DVM  
Environmental Toxicology-I for BS (Hons.) Environmental Sciences  
Environmental Toxicology-II for BS (Hons.) Environmental Sciences  
General Pharmacology and Chemotherapy for BS (Hons.) Microbiology  
Pharmacology for BS (Hons.) Biochemistry  
Food Toxicology & Additives for BS (Hons.) Food Science and Technology  
Pharmacology for BS (Hons.) Biological Sciences

**Postgraduate Teaching: MPhil/PhD**

General Pharmacology  
Advanced Pharmacology-I  
Pharmaceutics  
Chemotherapy  
General Toxicology  
Recent Advances in Pharmacology and Toxicology  
Systemic Toxicology  
Clinical Drug Trials  
Pharmacology of Indigenous Medicinal Plants

**Independent Research:**

1. Comparative efficacy of herbal diuretics for the elimination of toxins and oedematous fluids from broiler chickens  
**Supervisor:** Dr. Muhammad Sabir, PhD Associate Professor  
College of Veterinary Sciences, Lahore-Pakistan (M.Sc Thesis 1998)
2. Effect of ivermectin on macrophages and angiogenesis in poultry  
**Supervisor:** Dr. Muhammad Ashraf, PhD Professor/Dean  
University of Veterinary and Animal Sciences, Lahore-Pakistan (Ph.D Thesis 2011)

**List of PhD scholars currently under supervision:**

| Sr. No. | Name                           | Title  | Status                                 |
|---------|--------------------------------|--|--|
| 1.      | Ms. Rehana Akbar (HEC Scholar) | Preparation of nanoparticles of Amygdalin in combination with Zinc Oxide and its antibacterial, anticancer and pharmacogenomic studies                 | Thesis submitted                       |
| 2.      | Ms. Alia Saif                  | Preparation of nanoparticles of Curcumin in combination with Zinc Oxide and study of its different pharmacological and toxicological profile           | Thesis submitted                       |
| 3.      | Mr. Mahmood (HEC Scholar)      |  | Synopsis Approved and Research started |
| 4.      | Ms. Iqra Liaqat                | <i>In vitro</i> and <i>in vivo</i> anticancer evaluation of Albendazole Zinc oxide nano particles against MCF-7 cell line and gene expression analysis | Synopsis Approved and Research started |
| 5.      | Ms. Tehreem Arshad             | Pharmacological and toxicological evaluation of tamoxifen and gemifloxacin co-loaded lipid polymer hybrid nanoparticles against breast cancer          | Synopsis Approved and Research started |

**As Major Supervisor (PhD):**

1. **Dr. Muhammad Adil**, Pharmacology and Toxicology (2002-VA-41), Pharmacokinetics and pharmacodynamics of ceftiofur alone and in combination with meloxicam in buffalo calves (Completed in 2021).
2. **Dr. Uzma Saher**, Pharmacology and Toxicology (2012-VA-09). Antimicrobial and toxicological evaluation of laticifer proteins isolated from *Calotropis procera* (Completed in 2023)
3. **Dr. Tahir Mahmood Shaukat**, Pharmacology and Toxicology (2004-VA-196). Antiprostaglandin potential of *Trigonella foenum* (Fenugreek) leaves in rodents and its toxicity profile (Completed in 2023)
4. **Dr. Naeem Rasool**, Pharmacology and Toxicology (2012-VA-835). Pharmacological and toxicological evaluation of *Argyrobium roseum* (Camb.) Jaub & Spach extracts against lead induced hepato-renal toxicity in rodents (Completed in 2023)

**As Major Member of Supervisory Committee (PhD):**

1. **Dr. Aqeela Iqbal**, Pharmacology & Toxicology (2007-VA-440). Pharmacological and chemical characterization of *Aloe vera* and *Allium sativum* extracts against drug resistant *Mycobacterium* isolates from pediatric patients (**Completed**).

**As Minor Member of Supervisory Committee (PhD):**

1. **Dr. Muhammad Omer Naseer**, Clinical Medicine (2002-VA-65). Effects and remedial measures of Alfatoxin B1 on Bovine Calves in punjab (**Completed**).
2. **Dr. Muhammad Asif**, Veterinary Surgery (2011-VA-622). Evaluation of different anesthetic agents alone and in combination using constant rate infusion in premedicated goats during pain management (**Completed**).

(Total PhD Scholars produced so far 07)

**As Member of Supervisory Committee (PhD):**

1. Mr. Qamar Zeeshan (2010-VA-253). Pharmacological and chemical characterization of Essential Oils of *Curcuma longa* and *Syzygium aromaticum* against multiple drug resistant pathogenic bacteria
2. Ms. Afia Azmat (2012-VA-985). Pharmacological and toxicological investigations of Essential Oils of *Abutilon indicum* L.
3. Ms. Farah Batool (2012-VA-986). Pharmacological and toxicological investigations of Essential Oils of *Achillea millefolium* and *Psidium guajava*
4. Ms. Sana Saifullah Completing Research
5. Mr. Amina Akhlaq Thesis Submitted
6. Ms. Quratul Ain Thesis Submitted
7. Ms. Sara Mehreen Completing Research
8. Ms. Sofia Razzaq Meo Completing Research
9. Mr. Muhammad Ahmar Ali Completing Research

**MPhil Theses Supervised:**

1. Irfan Obaid Ullah (2004). Bioavailability of norfloxacin after flock medication via drinking water in broilers
2. Hafiz Muhammad Irfan (2007). Effect of levamisole on the cholinesterase inhibition by trichlorfon in rabbits
3. Shoaib Ashraf (2008). Efficacy of florfenicol against hemorrhagic septicemia in buffalo calves
4. Khalid Khan (2008). Comparative therapeutic efficacy of herbal medicine (Cocciguard) with standard anticoccidial drugs in experimentally induced coccidiosis in broiler chicks
5. Sadia Arshad Rana (2008). Evaluation of antibacterial combination therapy against field isolates of various bacteria from poultry

6. Shahzada Khurram Syed (2010). Comparative efficacy of various antiviral agents against newcastle disease virus
7. Marryam Shareef (2011). Comparative study of patent versus locally manufactured chemotherapeutic agents used in breast cancer patients
8. Sadia Abrar (2010). Effect of strawberry juice on angiogenesis using chorioallantoic membrane (CAM) assay
9. Iradat Hussain (2010). Effect of diclofenac sodium on angiogenesis using chorio allantoic membrane (CAM) assay
10. Ghulam Jillany (2012). Effect of *punica granatum* (pomegranate) juice on angiogenesis using chorio allantoic membrane (CAM) assay
11. Nausheen Saba Khalid (2012). Effects of *lycopersicon esculentum* and *citrus limon* juice on angiogenesis
12. Sadaf Raana (2013). Antibacterial and cytotoxic evaluation of different extracts of *opuntia dillenii* common poultry pathogens
13. Hassan Mahmood Qureshi (2014). Evaluation of antihistaminic and anticholinergic activities of aqueous and alcoholic extracts of *piper betle* and *murraya koenigii*
14. Shahrukh Ali (2014). Evaluation of antihistaminic and anticholinergic activities of aqueous and alcoholic extracts of *equisetum debile*
15. Naeem Rasool (2014). Cytotoxicity and antiviral profile of *equisetum debile* against foot and mouth disease virus in *in-vitro* cell culture
16. Maria Naeem (2015). Efficacy of cephalosporins alone and in combination with zinc sulphate in patients with post surgical infections
17. Memrez Khushal Gigyani (2015). Antinematodal efficacy of ivermectin (ORAL) and extracts of *coriandrum sativum* in sheep
18. Javaria Arooj (2015). Antibacterial and cytotoxic evaluation of different extracts of *glycyrrhiza glabra* (Liquorice) roots against common poultry pathogens
19. Ayesha Nazir (2015). Evaluation of antiviral activity and embryonic toxicity of doxycycline, ciprofloxacin alone & in combination with ibuprofen against avian influenza H9
20. Saba Shahbaz (2015). Antibacterial activity of piroxicam and ketorolac alone and in combination with antibiotics against bacterial isolates
21. Shomaila Naz (2016). Antibacterial and cytotoxic evaluation of sequential extracts of *ocimum bacilicum* leaves against common poultry Pathogens
22. Huma Minhas (2016). Evaluation of antiviral activity and embryonic toxicity of ivermectin and ibuprofen alone and in combination against avian influenza H9
23. Muhammad Mazhar Munir (2017). Nephroprotective effect of nifedipine against lead toxicity in mice
24. Nadia Safdar (2017). Determination of anti-microbial activity of thymoquinone alone and in combination with antibiotics against methicillin resistant *staphylococcus aureus*
25. Muhammad Sameer Ashaq (2018). Protective effect of *saccharum officinarum* L. (cane sugar) juice against lead induced hepato-renal toxicity in mice
26. Mubbashar Abbas (2018). Protective effect of potato peel extracts against lead induced hepato-renal toxicity in mice
27. Amina Akhlaq (2018). Assessment of anti-hyperglycemic and anti-hyperlipidemic activity of *brassica rapa* L. leaf extracts in mice



28. Sana Zulfiqar (2018). Anti bacterial activity of thymoquinone alone and in combination with antibiotics against resistant *escherichia coli* strains
29. Qurat ul Ain Bukhari (2018). *In vitro* activity of thymoquinone alone and in combination with antibiotic against resistant *salmonella gallinarum* and its cytotoxicity
30. Uzma Baig (2019). Evaluation of antiviral activity of *aloe vera* L. against H9N2 avian influenza virus
31. Alia Saif (2019). Evaluation of antiviral activity of *centella asiatica* (L.) against H9N2 avian influenza virus
32. Syeda Ramsha Qammar (2019). Evaluation of antiviral activity and embryonic toxicity of extracts of *ocimum basilicum* L. leaves against avian influenza H9 virus using *in ovo* assay
33. Muhammad Zeeshan (2021). To Evaluate pharmacological effects of aqueous seed extract of *Peganum harmala* on angiogenesis.
34. Muhammad Assad Gulzar (2021). Effect of *Citrus paradise* Juice on angiogenesis.
35. Ms. Anum Naseer (2021). Evaluation of anti-diabetic activity of lyophilized *Solanum lycopersicum* L. and *Citrus limon* L. juices alone and in combination.
36. Ms. Maham Syed (2021). Effect of *Citrus limon* (L.) fruit juice on angiogenesis using Chick Chorioallantoic Membrane (CAM) Assay.
37. Ms. Zil e Huma (2022). Study of antibacterial activity of Turmeric (*Curcuma longa* L.) and Black Pepper (*Piper nigrum* L.) alone and in combination against Methicillin Resistant *Staphylococcus aureus* along with its effect on angiogenesis.
38. Mr. Hamza Sharafat (2022). Formulation, characterization and *in vitro* antibacterial and cytotoxic evaluation of Enrofloxacin nanosuspension against Salmonella.
39. Rao Muhammad Hamza Aslam (2022). Antimicrobial contribution of chitosan nanoparticles loaded with colistin sulphate against colistin sulphate-resistant *E. Coli*.
40. Muhammad Mukhtar (2023). Formulation development and *in vitro* characterization of antibacterial gel containing *Cichorium Intybus* root extract.

**As Member of Supervisory Committee (MPhil):**

1. Sajid Hussain Butt (2000) Comparative efficacy of herbal medicines for the immuno modulatory and antistress effect against infectious bursal disease (Gumboro) in broiler chickens
2. Maqsood Ahmad (2000). Hypoglycemic effect of *azadirachta indica* (Neem) and glipizide on alloxan induced diabetic rabbits
3. Muhammad Naseer uddin Ghauri (2000). Comparative efficacy of hypoglycemic effect of glibenclamide, gliclazide and a herbal mixture
4. Imran Altaf (2001) Efficacy of various chemical agents against avian influenza virus (type H9)
5. Aatif Haseeb Ahmad (2001). A Study on the effects of chemotherapy on experimentally induced *heterakis gallinarum* infestation of layer chicks
6. Naseer Ahmad (2001). Bioavailability and pharmacokinetics of ampicillin in human volunteers
7. Aqeel Javeed (2002). Effect of diclofenac sodium on experimentally induced aseptic arthritis in equines
8. Qamar Arif (2002). Therapeutic and prophylactic effect of antimicrobial agents against omphalitis in broiler chicks.
9. Mahreen Zahara (2002). Efficacy of a newly developed herbal diuretic mixture in broiler chickens
10. Adnan Mushtaq (2002). Prevalence of toxocariasis in dogs and its treatment with *allium sativa*, *saussurea lappa* and ivermectin
11. Kashif Shahzad (2003). Effect of xylazine as a preanesthetic medication with chloral hydrate induced anaesthesia in equines
12. Rizwan Muhammad Samee (2003). Identification and effect of gigantocotyle expalnatum on the haematology and the liver enzymes of buffaloes
13. Uzma Farid Durrani (2003). Role of Alpha-2-adrenoceptor agonists as sedative and analgesic in fancy birds
14. Anwar-ul-Haq (2003). Effect of garlic (*allium sativum*) on the growth performance and immune status of broiler chicks
15. Muhammad Tanveer Khaliq (2004). Effect of detomidine as a preanaesthetic medication with ketamine induced anaesthesia in canines (Dogs).
16. Muhammad Shahrukh Khan (2004). Studies on gentamicin toxicity in broiler chickens
17. Ahmad Sardar Mirza (2004). Efficacy of livergen and icterene against experimentally induced hepatotoxicity in rabbits
18. Shahid Bashir (2004). Bioavailability of tylosin tartrate after flock medication via drinking water in broilers

19. Amir Bakhsh (2004). Bioavailability of amoxicillin trihydrate in broiler chickens administered through drinking water
20. Ayaz Ali Khan. (2004) Plasma concentration of doxycycline after flock medication via drinking water in broilers
21. Shehla Gul Bokhari (2004). Comparative efficacy of screwing and plating for the repair of mid-shaft metacarpal fracture in dogs
22. Asif Farooq Awan (2005). Studies on nonsteroidal anti-inflammatory drugs toxicity in broilers
23. Aman Ullah (2005). Effect of vitamin-E (alpha-tocopherol) supplementation on total lipid profile in rabbits
24. Sakhawat Ali (2005). Antimicrobial activity of *mentha longifolia* and *artemisia maritime*
25. Muhammad Babar (2005). Preparation and evaluation of rabbit anti-buffalo immunoglobulin antibody peroxidase conjugate
26. Muhammad Irfan (2006). Toxicity of flunixin meglumine in avian species
27. Mohsin Ali Bhatti (2007). Control of *eimeria tenella* Infection in broilers by using sugar extracts as immunostimulant
28. Tahir Mahmood Shaukat (2007). Comparative efficacy of various antiviral agents avian Influenza virus (Type H7)
29. Muhammad Imran (2007). Effect of malathion on serum cholinesterase activity and lipid profile in rabbits
30. Salamat Ali (2007). Effect of detomidine and chloramphenicol on propofol-induced anaesthesia
31. Muhammad Atif Raza Cheema (2007). The anti-inflammatory and antipyretic activity of *nigella sativa* (black seeds, Kalonji) on induced inflammation and pyrexia in rabbits
32. Humaira Tahir (2008). *In vitro* studies on the antibacterial potential of *ocimum basilicum* L. (sweet basil) and *glycyrrhiza glabra* (licorice)
33. Bilal Ashiq (2008). Comparative pharmacokinetics of metronidazole in healthy volunteers & in patients suffering from amoebiasis.
34. Hafiz Abubakar Siddique Akbar (2008). *In vitro* antibacterial effect of *psidium guajava* (Amrood) and *gymnema sylvestre* (Gurmar Booti) leaves extracts
35. Misbah-ud-din Qamar (2008). Antidiabetic and antihyperlipidemic potential of different extracts of fruits of *aegle marmols* (bael gari) in rabbits
36. Hassan Saeed (2008). Toxicity profile of gemcitabine and cisplatin combination chemotherapy in male and female cancer patient
37. Shagufta Perveen (2008). Study of hypoglycemic & antihyperlipidemic effect of ethanolic extract of *gymnema sylvestre* (gurmernbooti) in rabbits
38. M. Adil Rasheed (2009). Pharmacokinetics of long acting amoxicillin in buffalo calves
39. Muhammad Omar Khan Lodhi (2010). The effect of statin therapy in combination with zinc on glucose & lipid profile of Type-II diabetic patients

40. Aqeela Iqbal (2009). Effect of two-stroke auto rickshaw smoke solution on wound healing in mice
41. Ansa Taskeen (2010). Evaluation of the antidiabetic and antilipidemic effect of metformin alone and in combination with ascorbic acid
42. Ijaz Alvi (2010). Evaluation of empirical therapy in e.coli induced acute uncomplicated urinary tract infection in Pakistan
43. Omer Naseer (2010). Comparative efficacy of guar (*gyamopsis tetragonoloba*) and salinomycin sodium against coccidiosis in broiler chickens
44. Hina Hussain (2012). Formulation and stability evaluation of an optimum topical preparation using hippophae rhamnoides L. oil for the treatment of psoriasis
45. Umber Saleem (2012). Comparative evaluation of mutagenicity and cytotoxicity of endosulfan, lambda-cyhalothrin, imidacloprid and alpha-cypermethrin
46. M. Qamar Zeshan (2012). Determination of *in vitro* antimicrobial efficacy of plant extracts and antibiotics against methicillin resistant *staphylococcus aureus* (MRSA) isolated from postoperative wounds of hospitalized patients.
47. Miss. Zainab Batool (2012). Cytogenetic effects of anti-breast cancer drugs, cyclophosphamide, doxorubicin, cisplatin and 5-Fluorouracil, alone and in combination
48. Shahzad Asghar (2012). Effect of *vitis vinifera* (grapes) fruit juice on angiogenesis
49. Khadija Mansoor (2014). Antibacterial & cytotoxic evaluation of *eruca sativa* seed extracts
50. Muhammad Akhtar (2015). Effects of aflatoxin M<sub>1</sub> (afm<sub>1</sub>) on sheep and efficacy of mycotoxin binders
51. Umbreen Anwar (2015). *In vitro* antibacterial evaluation of ceftriaxone alone and in combination with ascorbic acid in post surgical infections
52. Maidah Mehtab (2015). Assessment of genotoxicity of propofol, thiopental and ketamine in patients under balanced anaesthesia with Isoflurane
53. Bareera Rana (2015). Study of prescribing trends and evaluation of therapeutic effectiveness of prescribed medication in tertiary care hospital of Lahore
54. Matiur Rehman (2015). Comparative efficacy of injectable and inhalation anaesthesia in pigeons
55. Muhammad Atta ul Mustafa (2015). *In vitro* acaricidal activity of *eucalyptus camaldulensis* extracts in ticks of cattle
56. Muhammad Awais (2015). Evaluation of knowledge, medication adherence and quality of life among osteoarthritis patients at tertiary care hospital, Lahore.
57. Sadia Alvi (2015). Antibacterial and cytotoxic evaluation of sequential extracts of *astragalus membranaceus* roots
58. Mahtab Anwar (2015). Evaluation of immunomodulatory activity of ketorolac in mice
59. Shahida Jamil Ahmed (2015). Evaluation of comparative antiviral activity of Indomethacin, Naproxen and Mefenamic Acid against Avian Influenza H9 virus.
60. Ms. Muflaha Ami Khan (2015). Appraisal of angiogenesis characteristics of

Indomethacin on Chorioallantoic Membrane Assay. Faculty of Pharmacy, Hajvery University, Lahore.

61. Zunaira Razzak (2016). Formulation of tizanidine HCl matrix type transdermal patches, physico-chemical, *in-vitro* and *in-vivo* characterization
62. Minahil Rehman (2016). Application of solid phase dispersion and coating techniques; a viable approach for development of sustained release delivery of diclofenac sodium
63. Sana Ilyas (2016). *In-vitro* activity of selected biocides against fungal isolates from production area of pharmaceutical industry
64. Mehwish Khan (2016). Evaluation of antibacterial activity of ciprofloxacin alone and in combination with diclofenac sodium against different pathogenic bacteria
65. Madiha Jabeen (2018). Evaluation of antiviral activity against NDV and embryo toxicity of methanolic extract and essential oil of *E. globulus*
66. Saira Kanwal (2018). Antioxidant and hepatoprotective effect of methanolic extract of *E. globulus* leaves on fluoride induced oxidative stress in mice
67. Hajira Rafi Awan (2018). Evaluation of immunomodulatory effect of oxapropzin in mice
68. Ahmad Raza (2018). Antimicrobial evaluation of copper nanoparticles synthesized by using aqueous leaf extract of *azadirachta indica* Linn.
69. Arfa Majeed (2018). Evaluation of immunomodulatory effects of lomefloxacin in mice
70. Zunaira Mughis (2018). *In vitro* evaluation of disinfectants against indigenous *aspergillus parasiticus*
71. Nayyer Shamim (2018). Cytotoxic, mutagenic and genotoxic evaluation of glibenclamide alone and in combination with artificial sweeteners *in vivo*
72. Khadija Azam (2018). Assessment of anti-diabetic and anti-hyperlipidemic activity of *catharanthus roseus* in combination therapy
73. Arfa Basharat (2019). Protective effect of *glycyrrhiza glabra* L. root essential oil against hepatotoxicity induced by isoniazid and rifampicin in mice
74. Aleena Tahir (2019). *In vitro* efficacy of *arachis hypogaea* (peanut) peels extract(s) against *haemonchus contortus* in sheep
75. Saima Tufail (2019). Development and characterization of statin loaded nanofilms as a potential strategy for diabetic wound healing
76. Farwa Muskan Khalid (2019). Development and characterization of oral drug delivery system containing antifungal agent for treatment of oral thrush
77. Hafiza Kanwal Azam (2019). Development and evaluation of buccal patch containing Lisinopril and simvastatin
78. Aqsa Nazir (2019). Hepatocurative evaluation of copper nanoparticles biosynthesized from aqueous leaf extract of *moringa oleifera* Lam. against carbon tetrachloride induced hepatotoxicity in mice
79. Saher Mubeen (2019). Development and characterization of anti-acne gel containing combination of medicinal plants

80. Syeda Mahnoor (2019). Modulation in antimicrobial resistance by using apple cider vinegar and black seed alone and in combinations in diabetic foot infections
81. Waqas Iftikhar (2020). Evaluation of immunomodulatory effects of Sparfloxacin in mice
82. Haleema Sadia (2021). Development and characterization of Niosomal gel of fusidic acid
83. Hira Shaheen (2021). Preparation and evaluation of Sericin pectin based silver nanocomposite film as topical drug delivery system for wound healing
84. Sunabal Saleem (2021). Formulation of Quercetin loaded Stearic acid nanoparticles and their anti-inflammatory potential in a rheumatoid arthritis induced animal model
85. Ms. Anika Tariq (2021). *In Vitro* anti cancer activity of Thymol and Artesunate in combination with Tamoxifen
86. Ms. Hadeeqa Khan (2021). Formulation and Evaluation of Guar Gum Micro-particles for Target Codelivery of Oxaliplatin, Ifosfamide and Metformin for Colon Cancer
87. Ms. Shaher Bano (2021). Formulation and evaluation of Microneedle Patch containing Minoxidil and Vitamin E for the treatment of Androgenetic Alopecia (AGA)
88. Ms. Mahnoor Hashim (2022). Antibacterial activity of Azithromycin against *Escherichia Coli* and *Streptococcus pneumoniae* alone or in combination with Diclofenac sodium and *Nigella Sativa* seeds extract.
89. Ms. Uzma (2022). Formulation, characterization and *in vitro* anti bacterial and cytotoxic evaluation of Gentamicin-Thymol co-loaded Chitosan nanoparticles against *Bacillus Subtilis* and *Salmonella Typhimurium*.
90. Mr. Asim Ali (2022). Formulation development and *in vitro* characterization of solid dispersion tablets of Carbamazepine for enhancing bioavailability.
91. Ms. Ammara Akhtar (2022). Preparation of Thiolated Cyclodextrin based nanoparticles for Topical Delivery of Minoxidil.
92. Ms. Fariha Shehzadi (2022). Assessment of neurological complications, knowledge and practices regarding use of pesticides in agricultural workers of rural areas of central Punjab, Pakistan
93. Ms. Mateeba Zafar (2022). *In-Vitro* cytotoxic and genotoxic evaluation of Sacubitril with combination of Losartan and Candesartan
94. Ms. Irfa Kiran (2022). Antioxidant activity and antimicrobial effect of Hydrolysate derived from enzymatic hydrolysis of chicken blood against poultry pathogens

95. Ayesha Zahid (2022). Development and validation of an instrument to measure patient knowledge about diabetes associated complications and its relationship with glycemic control
96. Najam-ul-Lail (2022). Biosynthesis and characterization of Zinc oxide nanoparticles using *Nigella Sativa* against coccidiosis in commercial poultry
97. Madiha Gohar (2022). Biogenic synthesis and characterization of Magnesium oxide nanoparticles using *Nigella Sativa* as Bio-reductant and its antibacterial and cytotoxic evaluation
98. Ehtesham Ali (2023). Formulation and evaluation of niosomal gel containing metformin and methotrexate for plaque psoriasis
99. Hafiza Sadia Shareef (2023). *In vitro* anticancer evaluation of Albendazole and thymol combinations against breast cancer
100. Zarmina Arif (2023). Antibacterial activity of levofloxacin alone and in combination with cetirizine dihydrochloride against *E. coli* and methicillin-resistant *S. aureus* (MRSA)
101. Farah Manzoor (2023). Antibacterial activity of azithromycin alone and in combination with diphenhydramine against methicillin-resistant *S. aureus* (MRSA) and *K. pneumoniae*
102. Saqib Tufail (2023). Phytochemical analysis and pharmacological investigations of lyophilized fruit juice of *Citrus reticulata* L.
103. Nida Shaukat (2023). Preparation and *in vitro* characterization of silver oxide nanoparticles containing aqueous fruit extract of *Ziziphus jujube* for cancer therapy
104. Mariba Khaliq (2023). Formulation and *in vitro* characterization of pH responsive natural gum based hydrogel
105. Subas Aroob (2023). Evaluation of statins as an alternative therapy to alleviate hepatic encephalopathy (HE) in cirrhotic mice

(Total MPhil Scholars produced so far 40+105=145)

## **Publications**

### **i. Research Papers Published In Pakistan:**

1. Muhammad Sabir, Muhammad Sharif, Mughal, Komal Mughal, Muhammad Razzaq Ali and **Muhammad Ovais Omer**. 1995. Modulation of hematological parameters by *Sphaeranthus hirtus* in broilers. **Biologia** (Q3), Vol. 41 (2) Pages 139-143. ISSN 0006-3096 (HEC recognized=Y)
2. M. Azeem, M. Razzaq Ali, M. Sabir, **M. Ovais Omer** & H.A. Hashmi. 1999. Protective Effect of Diltiazem Hydrochloride on occurrence of Alloxan induced Diabetes in Rabbits. **Biologia** (Q3). Vol. 45 (2) Pages 199-202. ISSN 0006-3096 (HEC recognized=Y)
3. **M. O. Omer**, M. Sabir, M. R. Ali and H. A. Hashmi. 2000. Effects of herbal diuretics on total serum protein, blood urea nitrogen and dropping's moisture percentage of the broilers. **Pakistan Journal of Biological Sciences**. 3(6). Pages 975-976. ISSN 1028-8880. **I. F= 0.83**
4. **M. O. Omer**, M. Ashraf and M. Azeem. 2003. Effect of Herbal Diuretics on Serum Sodium and Serum Potassium in the Broilers. **Pakistan Journal of Science**, 55(3-4) Pages 85-87. ISSN 0030-9877

5. U. F. Durrani, M. Ashraf, M. A. Khan, A. Khalid and **M.O. Omer**. 2005. Role of Alpha-2-Adrenoceptor Agonist as Sedative and Analgesic in Budgerigars. **Pakistan Journal of Scientific Research**. Vol. 57 No.3-4. Pages 148-151. ISSN 0552-9050
6. A. Javeed, M. Ashraf, **M. O. Omer** and A. Ghafoor. 2005. Effect of Diclofenac Sodium on experimentally induced Aseptic Arthritis in Equines. **Pakistan Journal of Sciences**. Vol. 57 No.3-4. Pages 73-76. ISSN 0030-9877.
7. Shoaib Ashraf, **Awais Omer**, Muhammad Ijaz, Umer Naveed Chaudry and Muhammad Muddassir Ali. 2009. Efficacy of Florfenicol against Haemorrhagic Septicaemia in Buffalo Calves. **Pakistan Journal of Zoology** (Q4), Pages 119-122. (Supplementary Series No.9) ISSN 0030-9923. **I. F= 0.206**
8. Asif farooq Awan, Taha Nazir, Muhammad Ashraf, **Owais Umer** and Habib ur Rehman. 2006. Study of Phenylbutazone toxicity in avian species. **Pak. J. Pharm.** Volume 16-19, Number 1 and 2. ISSN 1019-956X
9. Asif Farooq Awan, Taha Nazir, Muhammad Ashraf, **Owais Omer** and Habib Ur Rehman. 2011. Studies of Ketoprofen toxicity in avian species. **Journal of Basic and Applied Sciences**. Volume 7, Number 2. Pages 127-132. ISSN 1814-8085
10. Tahir Mahmood Shaukat, Muhammad Ashraf, **Muhammad Ovais Omer**, Muhammad Adil Rasheed, Khushi Muhammad, Tariq Mahmood Shaukat, Muhammad Younus and Muhammad Khurram Shahzad. 2011. Comparative efficacy of various antiviral agents against avian influenza virus. **Pakistan Journal of Zoology** (Q4). Volume 43, Number 5, Pages 849-854. ISSN 0030-9923. **I. F= 0.202**
11. Bilal Ashiq, Muhammad Usman, Muhammad Ashraf, **Ovais Omer**, Muhammad Imran Khokhar and Syed Saeed-ul-Hassan. 2011. Comparative Pharmacokinetics of Metronidazole in healthy volunteers and in Patients suffering from Amoebiasis. **Pak. J. Pharm.** 24 (1 and 2) 41-46, ISSN 1019-956X
12. Taha Nazir, Mazhar Mustafa, Habib Ur Rehman and **Owais Omar**. 2011. Basopenia induction by Vinorelbine alone and in combination with Doxorubicin and Cisplatin in Cancer patients. **Gomal University Journal of Research**. 27(1). Pages 1-6. ISSN 1019-8180. HEC Recognised "Y"
13. **M. O. Omer**, M. Ashraf, A. Javeed and A. Maqbool. 2012. Immunostimulatory effect of ivermectin on macrophage engulfment and delayed type hypersensitivity in broilers. **The Journal of Animal and Plant Sciences**. Volume 22, Number 2, Pages 250-255. ISSN 1018-7081. **I. F= 0.638**
14. Qudus, M. A., N. Ahmad, K. Javed, M. Abdullah, M. A. Jabbar, **M. O. Omer**, Z. M. Iqbal and I. Ahmad. 2013. Effect of recombinant bovine somatotropin on milk production and composition of lactating beetal goats. **The Journal of Animal and Plant Sciences**, 23 (1 Suppl.). Page: 26-30. ISSN 1018-7081. **I. F= 0.638**
15. Rasheed M. A., M. Ashraf, **M. O. Omer** and S. Khan. 2013. Pharmacokinetics of long acting amoxicillins in buffalo calves in Pakistan. **The Journal of Animal and Plant Sciences**, 23 (1 Suppl.). Pages 1-4. ISSN 1018-7081. **I. F= 0.638**
16. Alamgeer, M. Rashid, M. N. Mushtaq, M. N. H. Malik, S. A. Ghumman, M. Numan, A. Q. Khan, **M. O. Omer** and H. M. Tahir. 2013. Pharmacological evaluation of antidiabetic effect of ethyl acetate extract of *Teucrium Stocksianum Boiss* in alloxan induced diabetic rabbits. **The Journal of Animal and Plant Sciences**, 23 (2) Pages 436-439. ISSN 1018-7081. **I. F= 0.638**
17. N. Ahmad, A. Ali, M. Abdullah, A. Khaliq, K. Javed, J. A. Bhatti, S. Ahmad, Saima, Z. Iqbal, **M. O. Omer**, U. Younas, Z. M. Iqbal, K. M. Anjum, T. Hussain and F. Shahzad. 2014. Effect of feeding frequency on the growth performance of Beetal Goat Kids during Winter season. **Journal of Animal and Plant Sciences**, 24 (Suppl. 1): Pages 436-439. ISSN 1018-



7081. **I. F= 0.422**

18. Hassan M. Qureshi, **Muhammad O. Omer**, M. Ashraf, A. Bukhsh, Mueen A Chaudhry And Muhammad S Imran. 2015. Evaluation of Antihistaminic and Anticholinergic Activities of *Murraya koenigii* Linn. **Pakistan Veterinary Journal** (Q2), Vol. 35, No.2. Pages 242-244. ISSN 0253-8318. **I. F= 0.837**
19. M. Q. Zeshan, M. Ashraf, **M. O. Omer**, H. M. Khan, M. A. Ali and A. A. Anjum. 2015. Efficacy of anti-bacterial compounds and plant extracts against methicillin resistant staphylococcus aureus isolates from nosocomial infections. **The Journal of Animal and Plant Sciences**, 25 (4). Pages 1100- 1106. ISSN 1018-7081. **I. F= 0.422**
20. M. B. Nasim, A. Javeed, M. Ashraf, **M. O. Omer**, A. Bukhsh, A. Sharif and K. Amir. 2016. Immunomodulatory activity of Flurbiprofen in mice. **The Journal of Animal and Plant Sciences**, 26 (2). Pages 424-430. ISSN 1018-7081. **I. F= 0.422**
21. Ghazala Rafique, Allah Bukhsh, Asif Gul, Sonia Khiljee, Muhammad Ashraf and **Muhammad Ovais Omer**. 2017. Hematologic adverse effects and efficacy monitoring in chronic hepatitis C patients treated with interferon and ribavirin combination therapy. **Pakistan Journal of Pharmaceutical Sciences** (Q4). Pak. J. Pharm. Sci., Vol.30, No.1, Pages 011-016. ISSN 1011-601X. I.F=0.706 **I. F= 0.86**
22. Sehrish Firyal, Ali Raza Awan, Huma Sattar, Hafiz Kamran Rizwan Ullah, Muhammad Tayyab, Muhammad Wasim, Shagufta Saeed, Rahat Naseer, **Muhammad Ovais Umer** and Imaad Rashid. 2018. Identification of Polymorphism in Bovine Tumor Necrosis Factor Alpha and Toll-like Receptor 4 Genes and its Association with Mastitis in Sahiwal Cows. **International Journal of Agriculture & Biology**. 20. Pages 750-752. ISSN Print: 1560–8530; ISSN Online: 1814–9596. **I. F= 0.893**
23. Muhammad Adil, **Muhammad Ovais Omer**, Aqeel Javeed and Aamir Ghafoor. 2019. Phenotypic characterization, molecular identification and in vitro susceptibility of Bubaline *Pasteurella multocida* to Ceftriaxone hydrochloride. **International Journal of Agriculture & Biology**. 22: 849-854. Online ISSN: 1814-9596. ISSN Print: 1560-8530. **I. F= 0.643**
24. Aqeela Iqbal, Muhammad Ashraf, Ahsan Waheed Rathore, **Muhammad Ovais Omer**, Aftab Ahmad anjum, Iqbal Bano, Muhammad Asad Ali, Rana Adnan Ali, Hafeez Ullah and Muhammad Zaman. 2021. Appraisal of anti-mycobacterial potential against MDR-MTB in pediatric patients, cytotoxicity and mutagenicity of *Aloe vera* and *Allium sativum*. **Pakistan Journal of Pharmaceutical Sciences** (Q4). Vo. 34, No. 1 (Suppl). PP 257-263. **I. F= 0.706**
25. M. Asif, M. A. Khan, H. Akbar and **M. O. Omer**. 2021. Effects of detomidine and midazolam administration alone or combined, on induction dose and quality of propofol and ketamine anesthesia in goats. **The Journal of Animal and Plant Sciences**. 31 (2). Pp. 441-449. Online ISSN: 2309-8694. ISSN Print: 1018-7081. **I. F= 0.481**
26. Aqeela Iqbal, Muhammad Ashraf, Ahsan Waheed Rathore, **Muhammad Ovais Omer**, Aftab Ahmad Anjum, Saiqa Ishtiaq, Rana Adnan Ali, Usman Arshad and Muhammad Zaman. 2021. Distribution and antibiotic sensitivity pattern of *Mycobacterium tuberculosis* isolates from children, enrolled in a tertiary care hospital. **Pak. J. Pharm. Sci.**, 34 (2), (Suppl), pp.761-765. **I. F= 0.704**
27. Muhammad Asif, Muhammad Arif Khan, Hamid Akbar and **Muhammad Ovais Omer**. 2022. Development of novel total intravenous anesthesia protocol using constant rate infusion in goats during pain management. **The Journal of Animal and Plant Sciences**. 32 (2). **I. F= 0.481**
28. Gulbeena Saleem, Umar Farooq, Muhammad Tariq Javed, Rahat Naseer, Hassaan Bin Aslam, Ghulam Mustafai, **M. Ovais Omar** and Iram Liaqat. Pathobiological and Immunohistochemical Findings in Broiler Chickens Naturally Infected with *Salmonella Enterica* Serotype *Gallinarum* Biotype *Gallinarum*. **Pakistan Veterinary Journal** (Q2). Volume 42, Issue 1, 2022 ISSN: 0253-8318 (PRINT), 2074-7764 (ONLINE) DOI: 10.29261/pakvetj/2022.083. **I. F= 1.318**

**ii. Research Papers Published Out of Pakistan:**

1. Hafiz Muhammad Irfan, **Muhammad Ovais Omer**, Muhammad Ashraf, Azhar Maqbool. 2008. Effect of Levamisole on Cholinesterase inhibition in rabbits. **J. Vet. Parasitol.** 22(2). Pages 43-45. Print ISSN 0971-6157, Online ISSN 0974-0813
2. Asif Farooq Awan, Muhammad Ashraf, **Ovais Umer**, Taha Nazir, Muhammad Shoib Akhtar, Habib Ur Rehman. 2009. Studies of Dipyrone (Metamizole Sodium) toxicity in avian species. **J App Pharm** 1 (1). Pages 1-6. ISSN 1920-4159. **I. F= 0.4**
3. Taha Nazir, Mustafa M. Abraham S. Ashraf M. **Umer M. O.** Hashmi K. F. Taha N and Zafar M. S. 2009. Thrombocytopenia induced by Vinorelbine, Doxorubicin and Cisplatin in human cancer patients. **J App Pharm** 1 (1) Pages 15-19. ISSN 1920-4159. **I. F= 0.4**
4. Taha Nazir, Habib-Ur- Rehman, **Ovais Omer**, Tahir Aziz Mughal. 2011. Neutropenia induction by vinorelbine alone and in combination with doxorubicin and cisplatin in cancer patients. **HealthMED.** Volume 5, Number 3. Pages 486490. ISSN 1840-2291. **I. F= 0.435**
5. Iradat Hussain, **Muhammad Ovais Omer**, Muhammad Ashraf, Habib-ur- Rehman. 2011. The effect of Diclofenac sodium on Angiogenesis using chorioallantoic membrane (CAM) assay. **J App Pharm.** Volume 3, Number 3. Pages 331-344. ISSN 1920-4159. **I. F= 0.4**
6. Muhammad Usman, Muhammad Ashraf, Muhammad Imran Khokhar, Bilal Ashiq, Muhammad Irfan Masood, Sheryal Afzal, **Ovais Omer**, Moshin Ali and M. Imran. 2013. Comparative Pharmacokinetics of Levofloxacin in Healthy Volunteers and in Patients Suffering from Typhoid Fever. **Iranian Journal of Pharmaceutical Research** (Q4). 12 (1). Pages 147-154. Print ISSN 1735-0328. Online ISSN 1726-6890. **I. F=0.354**
7. Sadia Abrar, **Muhammad Ovais Omer**, Muhammad Ashraf and Iradat Hussain. 2011. A novel image probing system (SPIP) for the assessment and quantification of structural changes in chorioallantoic membrane (CAM) caused by the strawberry juice. **Can J App Sci**; 1(2) Pages 68-81. ISSN 1925-7430
8. Ghulam Jilany Khan, **Muhammad Ovais Omer**, Muhammad Ashraf, Habib Ur Rehman and Zaheer Ud Din Khan. 2013. Effect of punica granatum (Pomegranate) fruit extract on angiogenesis. **J. App Pharm.** Vol. 5; Issue 3 Pages 764-780. ISSN 19204159. **I. F= 0.4**
9. **Muhammad Ovais Omer**, Waleed Hassan AlMalki, Imran Shahid, Shehzada Khurram, Imran Altaf and Saeed Imran. 2014. Comparative study to evaluate the anti-viral efficacy of Glycyrrhiza glabra extract and ribavirin against the Newcastle disease virus. **Pharmacognosy Research.** Vol. 6; Issue 1 Pages 6-11. Print ISSN 0976-4836. Online ISSN 0974-8490. **I.F= 1.43**
10. Umer Saleem, Sohail Ejaz, Muhammad Ashraf, **Muhammad Ovais Omer**, Imran Altaf, Zainab Batool, Riffat Fatima, Msbah Afzal. 2014. Mutagenic and cytotoxic potential of Endosulfan and Lambda-cyhalothrin - *In vitro* study describing individual and combined

- effects of pesticides. **Journal of Environmental Sciences** (Q1). 26 Pages 1471-1479. ISSN 1001-0742. **I. F= 3.966**
11. Shahzad Asghar, Muhammad Shahzad Aslam, Muhammad Ashraf, **Muhammad Ovais Omer** and Habib Ur Rehman. 2014. A review on angiogenesis and its consequence on *Vitis vinifera* (Grapes). **Indian Research Journal of Pharmacy and Science**. 1(2). Pages 51-64. ISSN 2349- 5332
  12. Muhammad Omer Naseer. Jawaria Ali Khan, Muhammad Sarqar Khan, **Muhammad Ovais Omer**. 2016. Comparative efficacy of Silymarin and Choline chloride (Liver Tonics) to prevent the effects of Aflatoxin B1 in Bovine Calves. **Polish Journal of Veterinary Sciences** (Q3). 19(3). Pages 545-551. ISSN 1505-1773. **I. F=0.697**
  13. Shahrukh Ali, **Muhammad Ovais Omer**, Mueen Ahmad Chaudhry, Muhammad Ashraf, Allah Bukhsh. 2017. A pharmacological evidence for the presence of antihistaminic and anticholinergic activities of *Equisetum debile* Roxb. **Indian Journal of Pharmacology** (Q3). 49 (1). Pages 98-101. ISSN 0253-7613 Print ISSN2349-5332. **I. F=1.351**
  14. Bareera Rana, Allah Bukhsh, Tahir Mehmood Khan, Ammar Sarwar, **Muhammad Ovais Omer**, Shazia Qasim Jamshed. 2017. Evaluation of therapeutic effectiveness of prescribed medications in patients with type 2 diabetes mellitus: Findings from a tertiary care hospital, Lahore, Pakistan. **Journal of Pharmacy & Bioallied Sciences**. 9 (2). Pages 121-125. **I. F= 0.94**
  15. Omer Naseer, Jawaria Ali Khan, Muhammad Sarwar Khan, **Muhammad Ovais Omer**, Muhammad Avais, Muhammad Luqman Sohail, Muhammad Usman Saleem and Muhammad Shahid. 2018. Efficacy of  $\beta$ -glucans and manna oligosaccharides (Yeast Cell Wall) and hydrated sodium calcium aluminosilicate (HSCA) in preventing aflatoxicosis in bovine calves. **Indian Journal of Animal Research** (Q4). 52 (6). Pages 887-892. Print ISSN 0367-6722. Online ISSN 0976-0555. **I. F= 0.319**
  16. Omer Naseer, Jawaria Ali Khan, Muhammad Sarwar Khan, **Muhammad Ovais Omer**, Junaid Naseer, Muhmmad Luqman Sohail, Muhmmad Usman Saleem, Waqas Ahmad and Abdullah Saghir Ahmad. 2017. Effect of dietary aflatoxins (AFB1) on hematological and biochemical indices of male buffaloes. **Indian Journal of Animal Research** (Q4). Print ISSN: 0367-6722. Online ISSN: 0976-0555. **I. F= 0.170**
  17. Naseer O., Saleem M.U., Sohail M. L., Naseer J., Khan J.A., **Omer M.O.**, Anjum K.M., Ahmad A.S. 2018. Effects of yeast based toxin binder supplementation on growth performance and intestinal microarchitecture in male buffalo calves (*Bubalus bubalis*) exposed to different concentrations of Aflatoxin B1. **Journal of the Hellenic Veterinary Medical Society** (Q4). 69. Pages 853-862. ISSN 1792-2720. Online ISSN: 2585-372. **I. F=0.07**
  18. Muhammad Adil, **Muhammad Ovais Omer**, Aqeel Javeed, Aamir Ghafoor, Muhammad Ashraf and Abdul Muqeet Khan. 2019. Isocratic high performance liquid chromatography assay for ceftiofur hydrochloride in Bubaline plasma. **Acta Chemica Slovenica** (Acta Chim Slov). 66: 859-864. DOI: 10.17344/acsi.2019.4931. **I. F= 1.263**

19. Omer Naseer, Jawaria Ali Khan, **Muhammad Ovais Omer**, Junaid Naseer, Muhammad Luqman Sohail, Muhammad Asif Munir, Muhammad Usman Saleem, Muhammad Imran, Muhammad Shahid. 2020. Exogenous factors affecting growth of *Aspergillus species*. **Indian Journal of Animal Research** (Q4). Volume 54 Issue 8: 994-999. **I. F= 0.395**
20. Tahir, A., Akhtar, R., Lateef, M., Sattar, F., Hafeez, M., **Omer, M. O.**, Zahid, B., & Javed, A. 2020. *In-vitro* efficacy of *Arachis hypogaea* (Peanut) peels extract against *Haemonchus contortus*. **Journal of the Hellenic Veterinary Medical Society** (Q4). 71(2), 2179-2184. doi:<https://doi.org/10.12681/jhvms.24082>. **I. F=0.327**
21. Arfa Majeed, Aqeel Javeed, **Muhammad Ovais Omer**, Muhammad Hassan Mushtaq and Adeel Sattar. 2020. Evaluation of immunomodulatory effects of lomefloxacin in mice. **Brazilian Journal of Pharmaceutical Sciences** (Q4). 56:e 18669. <http://doi.org/10.1590/s2175-97902019000418669>. **I. F=1.18**
22. Khadija Azam, M. Adil Rasheed, **M. Ovais Omer**, M. Imran Altaf. 2018. Anti-hyperlipidemic and anti-diabetic evaluation of ethanolic leaf extract of *Catharanthus roseus* alone and in combination therapy" in the Brazilian Journal of Pharmaceutical Sciences. **Brazilian Journal of Pharmaceutical Sciences** (Q4). <http://dx.doi.org/10.1590/s2175-97902020000118672> **I. F=1.321**
23. Saima Tufail, Muhammad Irfan Siddique, Muhammad Sarfraz, Muhammad Farhan Sohail, Muhammad Nabeel Shahid, **Muhammad Ovais Omer**, Haliza Katas and Fatima Rasool. 2022. Simvastatin nanoparticles loaded polymeric film as a potential strategy for diabetic wound healing: *in vitro* and *in vivo* evaluation. **Current Drug Delivery** (Q2). 19, 534-546 **I. F= 2.565** Category X, UAE
24. Muhammad Khurram Waqas, Haleema Sadia, Muhammad Imran Khan, **Muhammad Ovais Omer**, Muhammad Irfan Siddique, Shaista Qamar, Muhammad Zaman, Muhammad Hammad Butt, Mian Waqar Mustafa & Naeem Rasool. 2022. Development and characterization of niosomal gel of fusidic acid: *in-vitro* and *ex-vivo* approaches. **Designed Monomers and Polymers** (Q2) 25:1, 165-174, DOI: 10.1080/15685551.2022.2086411. ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/tdmp20>. **I. F= 3.68** Category X, UK
25. Zunira Mughis, Muhammad Asad Ali1, Aftab Ahmad Anjum, Muhammad Ovais Omer, Mateen Abbas and Maria Najeeb. 2022. Molecular characterization of mycotoxin-producing *Aspergillus parasiticus* and sensitivity pattern to different disinfectants. **Malays. J. Microbiol.** Vol 18(5) 2022, pp. xxx-xxx DOI: <http://dx.doi.org/10.21161/mjm.221496> **I.F= 0.482** Category Y, Malaysia
26. Waqas Ahmad , Muhammad Abu Bakr Shabbir, Mehmood Ahmad, **Muhammad Ovais Omer**, Rana Muhammad Zahid Mushtaq, Sadaf Aroosa, Asif Iqbal and Arfa Majeed. 2023. Insights into the Prognostic Role of Serum Interleukin-6 and Hematobiochemical Alterations in Cattle during Recent Outbreaks of Lumpy Skin Disease in Lodhran District, Pakistan. **Vaccines**. 11, 113 <https://doi.org/10.3390/vaccines11010113> **I.F= 4.961** Category W, Switzerland

27. Saher, Uzma; **Omer, Muhammad Ovais**; Javeed, Aqeel; Anjum, Aftab Ahmad; Rehman, Kanwal; Awan, Tanzeela; Saleem, Gulbeena; Mobeen, Ameena. 2023. Functional studies of cytogenotoxic potential of laticifer proteins of *Calotropis procera* against viral disease. *Journal ACS Omega*, American Chemical Society. 12 (10). Pages 1-13.  
Cite This: <https://doi.org/10.1021/acsomega.2c08102>  
**I.F= 4.132** Category W, USA
28. Tahir Mahmood Shaukat, **Muhammad Ovais Omer**, Aqeel Javeed, Habib ur Rehman, Tariq Mahmood Shaukat. Effect of *Trigonella foenum-graecum* L. cv. desi leaves extract on serum cyclo-oxygenase levels in experimentally induced inflammatory model and its histophysiological hepatorenal manifestations in comparison with conventional indole derivative drug. *GRASAS Y ACEITES* 16 (2) July-Dec 2022  
eISSN: 1988-4214 pISSN: 0017-3495 DOI: 10.3989/gya  
**I.F= 1.416** Category X, Spain
29. Uzma Saher, **Muhammad Ovais Omer**, Aqeel Javeed, Aftab Ahmad Anjum, Kanwal Rehman, Tanzeela Awan. Soluble Laticifer Proteins from *Calotropis procera* as an effective candidates for antimicrobial therapeutics. *Saudi J Biol Sci.* 2023 Jun; 30(6): 103659.  
DOI: <https://doi.org/10.1016/j.sjbs.2023.103659>. Saudi Journal of Biological Sciences.  
**I.F= 4.052** Category W, Saudi Arabia
30. Naeem Rasool, **Muhammad Ovais Omer**, Aqeel Javeed, Muhammad Nawaz, Muhammad Adil Rasheed, Muhammad Imran, Muzzamal Hussain, Amal Fahmy Dawood, Zarina Mushtaq & Entessar Al Jbawi Phytochemical properties and in-vitro cytotoxicity, genotoxicity and mutagenicity assessment of ethanolic and aqueous extracts of *Argyrolobium roseum* (Camb.)  
*International Journal of Food Properties*, 2023- 26:1, 1457-1469,  
DOI: 10.1080/10942912.2023.2219859  
ISSN: (Print) (Online) Journal homepage: <https://www.tandfonline.com/loi/ljfp20>  
**I.F= 3.388** Category W, USA
31. Tahir Mahmood Shaukat, **Muhammad Ovais Omer**, Aqeel Javeed, Habib ur Rehman, Tariq Mahmood Shaukat. Isolation of alkaloidal and glycosidal fractions from leaves of *Trigonella foenum-graecum* L. cv. Desi indigenous to Pakistan for antiprostaglandin evaluation as substitute of nonsteroidal anti-inflammatory drugs. *Journal of Ethnopharmacology* 317 (2023) 116730. <https://doi.org/10.1016/j.jep.2023.116730>  
**I.F= 5.4** Category W, Ireland
32. Mehmood Ahmad , Adeel Sattar, Sadaf Aroosa, Arfa Majeed, Muhammad Adil Rasheed, Waqas Ahmad, Asif Iqbal, **Muhammad Ovais Omer**, Bilal Mahmood Beg and Rana Muhammad Zahid Mushtaq. Attitude and Acceptance towards COVID-19 Booster Doses among Literacy Advantaged Population in Pakistan: A Cross-Sectional Study. *Vaccines* 2023, 11, 1238. Pages 1-13. <https://doi.org/10.3390/vaccines11071238>  
**I.F= 7.8** Category W, Switzerland

33. Naeem Rasool, **Muhammad Ovais Omer**, Aqeel Javeed, Muhammad Nawaz, Muhammad Adil Rasheed, Muhammad Imran, Muzzamal Hussain, Amal Fahmy Dawood, Zarina Mushtaq & Entessar Al Jbawi. Pharmacological Effect of *Argyrolobium roseum* (Camb) Jaub & Spach Extracts Against Lead-induced Toxicity in Rats. Food Science & Nutrition. 2023. Pages 1-12. doi.10.1002/fsn3.3570 **I.F= 3.553** Category W, UK.
34. Amina Akhlaq, Muhammad Ashraf, **Muhammad Ovais Ome** and Imran Altaf . Synergistic antibacterial activity of carvacrol loaded chitosan nanoparticles with Topoisomerase inhibitors and genotoxicity evaluation. Saudi J Biol Sci. 2023 30(9):103765. doi: 10.1016/j.sjbs.2023.103765. **I.F=4.052** Category W, Saudi Arabia
35. Amina Akhlaq, Muhammad Ashraf, **Muhammad Ovais Omer** and Imran Altaf . Carvacrol-Fabricated Chitosan Nanoparticle Synergistic Potential with Topoisomerase Inhibitors on Breast and Cervical Cancer Cells. ACS Omega. 2023 25;8(35):31826-31838. doi: 10.1021/acsomega.3c03337. **I.F=4.132** Category W, USA.

**(Total Publications produced so far 28+35=63)**

**iii. Books/Manuals Published:**

| S.# | Year | Title of Book   | Name of Publisher & Address   |
|-----|------|---|---|
| 1   | 1995 | Compilation of a book “ Essentials of Poultry”                        | Prix Pharmaceutica. Farvet Laboratories (Holland), 26 Abbott Road, Lahore |
| 2   | 2001 | Practical Manual of General Pharmacology, Toxicology and Chemotherapy | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 3   | 2001 | Practical Manual of Systemic Pharmacology                             | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 4   | 2002 | Practical Manual of General Pharmacology and Toxicology               | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 5   | 2003 | Practical Manual of General Pharmacology, Toxicology and Chemotherapy | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 6   | 2003 | Practical Manual of Systemic Pharmacology                             | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 7   | 2004 | Practical Manual of General Pharmacology and Toxicology               | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 8   | 2004 | Practical Manual of Systemic Pharmacology and Therapeutics            | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 9   | 2005 | Practical Manual of General Pharmacology and Toxicology               | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 10  | 2005 | Practical Manual of Systemic Pharmacology and Therapeutics            | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 11  | 2006 | Practical Manual of General Pharmacology and Toxicology               | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 12  | 2006 | Practical Manual of Systemic Pharmacology and Therapeutics            | Maktaba-e-Danishwaran Publication, 8-AI Fazal Market, Urdu Bazar, Lahore  |
| 13  | 2013 | Practical Manual of Toxicology and Chemotherapy                       | Kashif Publications, Urdu Bazar, Lahore                                   |
| 14  | 2015 | Laboratory manual of Autacoids Pharmacology                           | Al-Mehtab Printers, Urdu bazar, Lahore                                    |
| 15  | 2019 | Pharmacology Book for Livestock Assistant Diploma Course              | Malik Siraj Din and Sons, Lower Mall, Lahore                              |

**iv. Popular Articles Published:**

| S.# | Year | Title of Book   | Name of Publisher & Address                    |
|-----|------|---|--|
| 1   | 1996 | Use of Indigenous drugs in animals. The Veterinarian International.       | The Veterinarian International.                |
| 2   | 1998 | Rabies in humans & animals.   | Agro Veterinary News (AVN). Vol.10, No.2.      |
| 3   | 1998 | Economically important poultry diseases.                                  | Agro Veterinary News (AVN). Vol.10, No.3.      |
| 4   | 1999 | Vaccination- the easy way out.  | Daily "The Nation".                            |
| 5   | 1999 | Birds-the loving creatures.   | Daily "The Nation". 1999                       |
| 6   | 2000 | Selection of healthy animals.   | Daily "The Nation". 2000                       |
| 7   | 2000 | Fluoride poisoning in animals.  | Daily "The Nation". 2000                       |
| 8   | 2000 | Importance of blood glucose in animals.                                   | Agro Veterinary News (AVN). Vol.12             |
| 9   | 2000 | Anaemia as a result of parasitism & its control in the animals.           | Agro Veterinary News (AVN). Vol.12             |
| 10  | 2000 | Mastitis & its diagnosis.   | Agro Veterinary News (AVN). Vol.12             |
| 11  | 2000 | Pakistan poultry industry.  | Agro Veterinary News (AVN). Vol.30             |
| 12  | 2001 | Care of sacrificial animals.  | Daily "The Nation".                            |
| 13  | 2001 | Foot & Mouth disease.   | Daily "The Nation".                            |
| 14  | 2001 | Anthrax-a threat for humans & animals.                                    | Daily "The Nation".                            |
| 15  | 2001 | Pakistan Poultry Industry.  | Agro Veterinary News (AVN). Vol. 30, No. 7.    |
| 16  | 2002 | Metabolism & Medicine.  | Daily "The Nation".                            |
| 17  | 2002 | Mastitis in Ewes.   | "The Farm Scientist".                          |
| 18  | 2003 | Canine Distemper  | Poultry Veterinary News, Vol. 1.               |
| 19  | 2004 | Eid and Sacrificial Animals.  | Daily "The Nation".                            |
| 20  | 2009 | Rabies, a fatal Zoonotic Disease.   | Agro Veterinary News (AVN). Vol.21, No.02.     |
| 21  | 2011 | Ivermectin: Role in angiogenesis. Health Notes.                           | Daily "The Nation". 9 <sup>th</sup> July 2011  |
| 22  | 2020 | Treatment of Haemorrhagic septicaemia                                     | Daily "The Nation" 18 <sup>th</sup> March 2020 |
| 23  | 2023 | Infectious disease treatment with a latex containing milk producing plant | Daily "The Nation" 31 <sup>st</sup> May 2023   |



**v. National Proceedings:**

| S.# | Year | Title   | Name of Publisher & Address   |
|-----|------|---|---|
| 1   | 1998 | Effect of Amprolium on the immune response of broiler chicken.  |   |
| 2   | 2004 | Abstract on Identification and Effect of Gigantocotyle explanatum on the Haematology and the Liver Enzymes of Buffaloes. Paracon 2004 | Paracon, Lahore   |
| 3   | 2004 | Abstract on Effects and Prophylactic Measures against Coccidiosis in Broiler Breeder Chicks.  | Paracon, Lahore   |
| 4   | 2009 | Effect of Florfenicol against haemorrhagic Septicemia in buffalo calves (Poster Presentation)   | 6th Asian Buffalo Congress. Lahore  |
| 5   | 2010 | Efficacy of Buparvaquone and Oxytetracycline against Theileriosis in Cattle.  | National Conference on the strategies to improve red meat production in Pakistan, BZU, Multan |
| 6   | 2010 | <i>In vitro</i> antibacterial effect of Psidium guajava and Gymnema Sylvestre leaves extracts   | National Conference on the strategies to improve red meat production in Pakistan, BZU, Multan |
| 7   | 2010 | <i>In vitro</i> studies on the antibacterial potential of Ocimum basilicum L. and Glycyrrhiza glabra                                  | National Conference on the strategies to improve red meat production in Pakistan, BZU, Multan |
| 8   | 2011 | Evaluation of particulate matter in two stroke and four stroke rickshaw smoke   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |
| 9   | 2011 | Comparative efficacy of various antiviral agents against avian influenza virus (Type H7)  | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |
| 10  | 2011 | Effect of levamisole on the cholinesterase inhibition by trichlorfon in rabbits   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |
| 11  | 2011 | Effect of Malathion on serum cholinesterase activity and lipid profile in rabbits   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |
| 12  | 2011 | Effect of various doses of ivermectin on haematology, serum biochemistry and weight gain in broiler chicks                            | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |
| 13  | 2011 | Effects of total particulate matter from commercial cigarettes on wound healing in mice   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                         |

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| 14 | 2011 | Studies on Gentamicin toxicity in broiler chickens   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                                       |
| 15 | 2011 | Study of changes in Hematological laboratory profile induced by Vinorelbine in Cancer patients   | National seminar on Environmental Toxicology and Health, UVAS, Lahore                                       |
| 16 | 2013 | Effect of recombinant bovine somatotropin on body weight and biochemical parameters of lactating beetal goats  | Proceedings of 2nd International Workshop on Dairy Science Park, Agriculture University, KPK, Peshawar      |
| 17 | 2013 | Adulticidal and Larvicidal activity of <i>Cassia fistula</i> and <i>Piper nigrum</i> against malaria vector (Poster Presentation)  | Proceedings of 2nd International Workshop on Dairy Science Park, Agriculture University, KPK, Peshawar      |
| 18 | 2013 | <i>In vitro</i> evaluation of microemulsion containing extracts of <i>Lawsonia inermis</i> (Poster Presentation)   | Proceedings of 2nd International Workshop on Dairy Science Park, Agriculture University, KPK, Peshawar      |
| 19 | 2013 | Comparative efficacy of various antiviral agents against <i>Newcastle disease virus</i>  | International Conference on Pharmaceutical Toxicology, UVAS, Lahore   |
| 20 | 2015 | Comparative efficacy of Guar ( <i>Gyamopsis tetragonoloba</i> ) and <i>Salinomycin sodium</i> against Coccidiosis in broiler chicken<br><b>(Poster Presentation)</b>   | International Poultry Nutrition Conference and Expo-15, Pearl Continental Hotel- Lahore, November 3-4, 2015 |
| 21 | 2017 | As Facilitator in a Workshop on Innovative Research Techniques in Basic Medical Sciences (“Innovations in Healthcare” 1st International Conference, 2017   | 2nd February 2017, Shalamar Medical & Dental College, Lahore-Pakistan.                                      |
| 22 | 2017 | Anthelmintic efficacy of extracts of <i>Coriandrum sativum</i> and ivermectin in salt range sheep in Pakistan<br>PARACON “International Parasitology Conference”<br><b>(Oral Presentation)</b>                             | 25-26th October 2017, UVAS, Lahore-Pakistan   |
| 23 | 2017 | Evaluation of antiviral activity and embryonic toxicity of ivermectin and ibuprofen alone and in combination against avian influenza H9<br>PARACON “International Parasitology Conference”<br><b>(Poster Presentation)</b> | 25-26th October 2017, UVAS, Lahore-Pakistan   |
| 24 | 2019 | National Conference on Emerging Trends in Bioinformatics & Biosciences<br><b>(Invited Speaker)</b>   | 3-5 October, 2019 at Departement of Bioinformatics, Hazara University Mansehra, Pakistan                    |
| 25 | 2021 | Attended a Webinar on Immunization Progress and Challenges in Pakistan on 26 <sup>th</sup> April 2021 organized  | Infection, prevention and control foundation, University of Health Sciences,                                |

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|    |      | by Infection, prevention and control foundation,<br>University of Health Sciences, Lahore  | Lahore  |
| 26 | 2021 | Attended as an official nominee for one day workshop on Intellectual Property Protection in Academia 25 <sup>th</sup> August 2021 at Veterinary Academy, City Campus, UVAS, Lahore, Pakistan | Veterinary Academy, City Campus, UVAS, Lahore, Pakistan |

**vi. International Proceedings:**

| S.# | Year | Title   | Name of Publisher & Address  |
|-----|------|---|--|
| 1   | 2003 | Prevalence of Toxocariasis in Dogs and its treatment with <i>Nigella Sativa</i> , <i>Sassurea Lappa</i> and Ivermectin. Abstract published in Third Annual Conference and National Symposium on New Approaches in Food Safety and Quality Control with Special Reference to Emerging Food Borne Diseases, | Punjab Agricultural University, Ludhiana, India.   |
| 2   | 2005 | Abstract on Effect of Xylazine as a Preanaesthetic Medication with Chloral Hydrate induced Anesthesia in Equines.   | 14th Asian Commonwealth Veterinary Association Conference on 21-23 September 2005  |
| 3   | 2012 | Comparative Efficacy of Guar and Salinomycine sodium against coccidiosis  | 3rd Mediterranean Poultry Summit and Conference, Egypt   |
| 4   | 2015 | Antinematodal efficacy of Ivermectin and extracts of <i>Coriandrum sativum</i> in sheep <b>(Oral Presentation)</b>  | 2nd International Conference on Sustainable Agriculture and environment. September 30-October 3, 2015. Selcuk University, Konya, Turkey. |
| 5   | 2015 | Comparative anthelmintic efficacy of chloroformic and methanolic extracts of <i>Coriandrum sativum</i> and Ivermectin in salt range sheep   | 2nd International Conference on Sustainable Agriculture and environment. September 30-October 3, 2015. Selcuk University, Konya, Turkey. |
| 6   | 2015 | Evaluation of antihistaminic and anticholinergic activities of <i>Equisetum debile</i> Roxb.  | 2nd International Conference on Sustainable Agriculture and Environment. September 30-October 3, 2015. Selcuk University, Konya, Turkey. |
| 7   | 2015 | Reproductive parameters of Beetal Does in accelerated and annual kidding systems.   | 2nd International Conference on Sustainable Agriculture and Environment. September 30-October 3, 2015. Selcuk University, Konya, Turkey. |
| 8   | 2019 | 6th International Conference on Sustainable Agriculture and Environment (ICSAE-2019)<br><b>(Member of Organising/Technical Program)</b>   | 6th International Conference on Sustainable Agriculture and Environment. October 3-5, 2019, Selcuk University, Konya, Turkey             |

|    |      | Committee)  |   |
|----|------|---|---|
| 9  | 2021 | ICOFAAS 2021 3rd International Conference on Food, Agriculture and Animal Sciences, 13-17 October 2021, Erzurum, Turkey (Online-Virtual)  | Proceeding Book<br>ISBN: 978-625-00-0379-4<br>Sponsoring Organization<br>Atatürk University, TURKEY   |
| 10 | 2021 | Attended as Keynote Speaker: 5th International Virtual Conference 2021, organized by Shalamar Medical and Dental College, Lahore on 4th and 5th February 2021.  |   |
| 11 | 2021 | An Abstract: Nazir, M. A. Rasheed, M.O. Omer, Y. Zahoor. "Hepatocurative evaluation of copper nanoparticles biosynthesized using aqueous leaf extract of <i>Moringa oleifera</i> against carbon tetrachloride induced hepatotoxicity in mice" in 3 <sup>rd</sup> International Conference on Infectious Diseases and Nanomedicine 15-18 <sup>th</sup> December 2021 organized by Nepalese forum for medical microbiology and Nepal polymer institute at Kathmandu, Nepal. | ICIDN-2021 Secretariat P. O. Box 24411, Kathmandu, Nepal E-mail: icidn2021@gmail.com Website: <a href="http://www.icidn-nepal.com">http://www.icidn-nepal.com</a> |
| 12 | 2022 | An Abstract: Alia Saif, M. Ovais Omer, M. Adil Rasheed and Aftab A. Anjum. "In ovo antiviral activity of Centella asiatica L. leaves against avian influenza virus H9N2" in second international congress on biological and health sciences. 24-27 february 2022 online   | Afyon Kocatepe Üniversitesi, Afyon, Turkey<br>E-mail: biohealthcongress@gmail.com<br>ISBN: 978-605-71368-0-0<br>www.biohealthcongress.com                         |
| 13 | 2022 | An Abstract: M. Ovais Omer, M. Sameer, M. Adil Rasheed, M. Nawaz and M. Abbas. Protective effect of Sugar cane ( <i>Saccharum officinarum</i> L.) juice against lead induced hepato-renal toxicity in mice "Use of Medicinal Plants in Research" in 1 <sup>st</sup> International Conference on Sustainable Ecological Agriculture organized by Selcuk University Konya, Turkey on March 8-10, 2022   | Selcuk University, Konya, Turkey<br>E-mail: <a href="mailto:info@icseac.com">info@icseac.com</a><br>www. icseac.com   |
| 14 | 2023 | "Use of Plants in Modern Research"<br>Attended as a Keynote Speaker and Guest of Honor, 1st International Conference on Recent Innovations in Plant Sciences and Natural Products and 3rd Natural Product Exhibition on February 16-17, 2023 at   | Department of Botany, University of Okara, Okara  |

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|  |  | Department of Botany, University of Okara, Okara. |  |
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**Seminars/Trainings/Workshops/Conferences Attended/Conducted!**

1. International Seminar on Microbial Diseases of Livestock & Poultry, March 21, 1998
2. Rearing of sheep/goat for sacrificial purposes, UVAS, Lahore, 16-17th December 2002.
3. Recent trends and concepts in dairy nutrition, UVAS, Lahore, 8th December 2003.
4. Application of extruders in food and feed industries, UVAS, Lahore, 1st January 2004.
5. Current trends in small animal practice in Australia, UVAS, Lahore, 17th January 2004.
6. Development of Wildlife education and research, UVAS, Lahore, January 26th 2004.
7. Asia Link Program of European Union held at HEC Regional Center, Gulberg III, Lahore, 16th March 2004.
8. Are we fundamentalists: monthly lecture series by Prof. Dr. Muhammad Akram Chaudhary, UVAS, Lahore, 8th May 2004.
9. PARACON 2004, Recent advances in Parasitology, UVAS, Lahore, 29th May 2004.
10. Training workshop on Digital Library Project, UVAS, Lahore.
11. Traditional and Modern Medicine: conflicts and contributions by Prof. Dr. Anwar-ul-Hassan Gilani, UVAS, Lahore, 1st July 2004.
12. How to use digital Library resources effectively, UVAS, Lahore, 4th August 2004.
13. Hepatitis: Management and prevention by Dr. Qazi Yaqoob, UVAS, Lahore, 22nd July 2004.
14. Human *In Vitro* Fertilization: The current status by Dr. Naeem Iqbal, UVAS, Lahore, 23rd July 2004.
15. The Quran: A complete code of Life by Dr. Muhammad Ishaq Qureshi, UVAS, Lahore, 4th October 2004.
16. Wildlife and Biodiversity in Pakistan by Prof. Z. B. Mirza, UVAS, Lahore.
17. Incidence of Rabes in Asia, Africa, Europe and America by Dr. Aftab-ur-Rehman Awan, UVAS, Lahore, 28th December 2004.
18. Short course on "Introduction to Statistics and its applications in animal and veterinary sciences" by Dr. Hafiz Anwar Ahmad, UVAS, Lahore, 10-12th January 2005.
19. A fine balance: Conservation in Pakistan by Ms. Caitlin Malik, UVAS, Lahore, 15th January 2005.
20. World Environment Day by Pakistan Engineering Congress, 5th June 2005 at Avari Hotel, Lahore
21. Animal Genetics Portfolio: Past, Present and Future an International Perspective by Dr. Muqarrab A. Qureshi, on 8th June 2005 at UVAS seminar Room.
22. 14th Commonwealth Veterinary Association Conference, 21-23 September 2005 at Pearl Continental Hotel, Lahore
23. Short Term Teacher Exchange Program (STEP) in NWFP Agriculture University

- Peshawar, 20-26 November 2005.
24. 13th International Pharmacy Conference and Exhibition, 16-19th February 2006 by Pakistan Pharmacist Association at PC, Lahore.
  25. 34th Pakistan SAARC Countries Science Conference, 20-22 February 2006. Lahore
  26. 2nd Workshop of “Youth in Governance” on 1st-2nd March 2006 at LUMS, Lahore
  27. Participated in Punjab Students Convention 2006 at Aiwan-e-Iqbal, Egerton Road, Lahore. 28th March 2006
  28. Logframe and Proposal Writing Workshop, by British Council on 27 May 2006 at Avari Hotel, Lahore
  29. Workshop on Self Assessment as a tool for quality assurance, organized by Director Advanced Studies & Research on 14.06.2006 at UVAS Seminar Room.
  30. Workshop on “ Application of Molecular Biology Tools for the Improvement of Livestock” on 14-16th December 2006 in the Seminar Room of UVAS, Lahore
  31. Staff Development Course Under National Academy of Higher Education Commission 2nd Phase at UVAS on 15.12.06 to 25.01.07
  32. Teacher’s Orientation Program at UVAS on 12.03.07 to 28.03.07
  33. National Training Course on “Molecular Detection of RNA Viruses” at NIBGE, Faisalabad on April 24-26, 2007
  34. Training on “Recent Trends in Angiogenesis Techniques” at Chonbuk National University, Jeonrabuk, Republic of Korea from 10.1.2008 for 30 Days, sponsored by HEC.
  35. National Conference on “Prion Diseases: A Threat to Livestock And Humans In Pakistan” at UVAS, Lahore on May 20, 2008 (HEC)
  36. Use of E-resources for teaching and research, University of Management and Technology, Lahore, on November 29, 2008.
  37. National Conference on Zoonotic Diseases, April 27, 2009, Pakistan Medical Society, UVAS, Lahore.
  38. 6th Asian Buffalo Congress, 27-30 October 2009, PC, Lahore. Poster Presentation.
  39. *In vitro* studies on the antibacterial potential of *Ocimum basilicum* and *Glycyrrhiza glabra*. An abstract in National Conference on “Sustainable Agriculture in changing climate” 2011, Bara Gali, Pakistan.
  40. *In vitro* antibacterial effect of *Psidium guajava* and *Gymnema Sylvestre* leaves extracts. An abstract in National Conference on “Sustainable Agriculture in changing climate” 2011, Bara Gali, Pakistan.
  41. 1st International Scientific Meeting of Faculty of Pharmacy “Emerging Molecular Targets in Cancer Therapy and Drug Development” held in Umm Alqura University Makkah, Saudi Arabia, 16th-18th March, 2013
  42. 2<sup>nd</sup> International Workshop on Dairy Science Park held on November 18-20, 2013. The University of Agriculture, Peshawar.
  43. International Conference and Expo 2014 on “Recent Developments in Human Nutrition”

- on 19-20 March 2014 at PC, Lahore, Pakistan.
44. Five days Training Workshop on “Indigenous on Campus Training (IOT) under HEC Modern University Governance Program on 9-13 September 2014 at UVAS, Lahore, Pakistan.
  45. HEC-TESP training of HEI staff and education managers to access research proposals. Held on June 8-14, 2015 at main campus, Institute of Business Administration (IBA), University of Karachi, Karachi.
  46. 2nd International Conference on Sustainable Agriculture and environment. September 30-October 3, 2015. Selcuk University, Konya, Turkey.
  47. As Facilitator in a Workshop on Innovative Research Techniques in Basic Medical Sciences (“Innovations in Healthcare” 1st International Conference, 2017). 2nd February 2017, Shalamar Medical & Dental College, Lahore-Pakistan.
  48. Offered services at Faculty of Veterinary Science, Selcuk University, Konya, Turkey as a MEVLANA instructor during 15.4.2017 to 29.4.2017
  49. 7<sup>th</sup> International Halal Conference & Exhibition organized by Punjab Halal Development Agency , April 17-18, 2018 at Faletti’s Hotel, Lahore-Pakistan.
  50. One day certified Halal Training Workshop on “Halal Food Safety Standards” organized by Punjab Halal Development Agency , April 17-18, 2018 at Faletti’s Hotel, Lahore-Pakistan.
  51. Organized Two Days Hands on Training Workshop on “Pharmacological and Toxicological Procedures” September 6-7, 2018, Department of Pharmacology and Toxicology, UVAS, Lahore.
  52. Member of Organizing/Technical Program Committee. 6th International Conference on Sustainable Agriculture and Environment (ICSAE-2019). October 3-5, 2019, Selcuk University, Konya, Turkey
  53. Invited/Key Note Speaker at 3rd National Conference on Emerging Trends in Bioinformatics and Biosciences (NCETBB-2019), October 03-05, 2019 at Hazara University, Mansehra, Pakistan
  54. Attended International Webinar on Lt Software: A virtual Lab. Concept. 25<sup>th</sup> July 2020. Organized by: University of Swabi and United Medical and Dental College, Pakistan.
  55. Attended A Webinar on Health Instruments: Development and Validation. 10th September 2020. Organized by: Association of Pharmaceutical Research, Pakistan.
  56. Attended 01-Day Workshop on “ Intellectual Property Protection in Academia” held on 25th August 2021, organized by Office of Research, Innovation and Commercialization & Science and Innovation Club, UVAS, Lahore.
  57. Attended as a speaker and member of scientific committee of second international congress on biological and health sciences (ONLINE). 24-27 february 2022 online. Afyon Kocatepe Üniversitesi, Afyon, Turkey. E-mail: [biohealthcongress@gmail.com](mailto:biohealthcongress@gmail.com)  
ISBN: 978-605-71368-0-0 [www.biohealthcongress.com](http://www.biohealthcongress.com)
  58. Attended as a keynote speaker and member of Technical Program in 1st International Conference on Sustainable Ecological Agriculture organized by Selcuk University Konya, Turkey on March 8-10, 2022. E-mail: [info@icseac.com](mailto:info@icseac.com)  
[www.icseac.com](http://www.icseac.com)

59. Participated in National Seminar on Lumpy Skin Disease by Department of Veterinary Medicine, UVAS, Lahore, Pakistan on July 5, 2022
60. Attended as an online speaker, II. International VII National Veterinary Pharmacology and Toxicology Congress held in Balikesir on 7-10 September 2022 in cooperation with Balikesir University Faculty of Veterinary Medicine and Veterinary Pharmacology and Toxicology Association, Turkey
61. Attended as Co-organizer/Keynote Speaker/Chair, 4th International Conference on Emerging Trends in Bioinformatics and Biosciences (ICETBB-2022) held on September 15-17, 2022 at Department of Bioinformatics, Hazara University, Mansehra, Pakistan.
62. Attended 1-day Sector Specific Training Program on Chemical Handling and Hazards Management held on January 18, 2023 at Maisonette Hotel Lahore. Organized by SMEDA
63. Attended as a Keynote Speaker and Guest of Honor, 1st International Conference on Recent Innovations in Plant Sciences and Natural Products and 3rd Natural Product Exhibition on February 16-17, 2023 at Department of Botany, University of Okara, Okara.
64. Attended (Online) as a Keynote Speaker, 3<sup>rd</sup> International Conference on Emerging Research for Sustainable Economic Development (3<sup>rd</sup> ERSED-2023) held on May 9-10, 2023 at Baku, Azerbaijan. KS Global Research Limited, United Kingdom (UK).
65. Attended (Online) as a Plenary Speaker, 4th International Conference on Agriculture, Food security and Food safety. 14-15 July 2023 at Colombo, Sri Lanka.
66. Attended (Online) as a Keynote Speaker, 10<sup>th</sup> International Conference on Agriculture AGRICO 2023. 18-19 September 2023 at Bali, Indonesia.

### **Certificates**

- ◆ Certificate of The Graduate Memento Council, College of Veterinary Sciences, Lahore, Pakistan.
- ◆ Medical Transcription Certificate (1<sup>st</sup> January 2001 to 14<sup>th</sup> February 2001), ZEUS Corporation, Lahore
- ◆ One day workshop on use of Endnote software for citation and referencing in research held in 2011 at UVAS, Lahore, Pakistan.
- ◆ National conference on the strategies to improve red meat production in Pakistan, held in 2010 at Bahauddin Zakariya University, Multan, Pakistan.
- ◆ One day workshop on Construction of a standard MCQ held in 2010, at UVAS, Lahore, Pakistan.
- ◆ Member of organizing committee of 6th Asian Buffalo Congress held in 2009, at UVAS, Lahore, Pakistan.
- ◆ Scientific and ethical procedures for laboratory animals-course for research scientists held in 2009, at UVAS, Lahore, Pakistan.
- ◆ Training on proper hand washing technique held on 2009, at UVAS, Lahore, Pakistan.
- ◆ Use of E-resources for teaching and research held on 2008 at UVAS, Lahore, Pakistan.
- ◆ National conference on Prion Diseases: A threat to livestock and humans in Pakistan, HEC, held in 2008 at UVAS, Lahore, Pakistan.
- ◆ A national training course on Molecular detection of RNA viruses held in 2007 at UVAS, Lahore, Pakistan.
- ◆ Teachers orientation program held in 2007 at UVAS, Lahore, Pakistan.



- ◆ Logframe and proposal writing held in 2006 at UVAS, Lahore, Pakistan.
- ◆ Youth in Governance held in 2006 at UVAS, Lahore, Pakistan.
- ◆ Certificate of Delegation at BM (Pvt.) Limited, Lahore, Pakistan.
- ◆ Development of fisheries research and education held in 2005 at UVAS, Lahore, Pakistan.
- ◆ Development of wildlife education and research held in 2004 at UVAS, Lahore, Pakistan.
- ◆ Member of organizing committee for First Annual Function of Alumni Association held in 2004 at UVAS, Lahore, Pakistan.
- ◆ A national workshop on linking medicinal plants research and policy to poverty reduction and conservation held in 2004 at Swat, Pakistan.
- ◆ Lifetime membership of Alumni Association of UVAS, Lahore, Pakistan.
- ◆ Member of Pakistan Society of Parasitology, UVAS, Lahore.
- ◆ Certificate of Excellence. Vice President, Debating club 2004, UVAS, Lahore, Pakistan.
- ◆ WTO and its impact on livestock, poultry and fisheries sectors held in UVAS, Lahore, Pakistan.
- ◆ Certificate of Excellence as Associate Senior Tutor in 2004 at UVAS, Lahore, Pakistan.
- ◆ Life Member, Pakistan Veterinary Medical Council, Pakistan.
- ◆ Lifetime member of society of Veterinary Physiology, UVAS, Lahore, Pakistan.
- ◆ Certificate of Participation in 2-days International Conference on Solving problems of freshwater fish farming in Pakistan held in 2006 at University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ Letter of participation for 01 month training course on Recent Trends in Angiogenesis at Chonbuk National University, Jeonju, Republic of Korea.
- ◆ Certificate of participation in Staff Development Course in 2007 at University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ Certificate of Participation in 2weeks short training course on Data Analysis and Writing a Scientific Paper held in 2009 at University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ Certificate of Participation in 2-days International Conference on Solving problems of freshwater fish farming in Pakistan held in 2006 at University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ Certificate of membership of the National Geographic Society 2006 at Hong Kong.
- ◆ Letter of appreciation from the Dean, Faculty of Bio-Sciences, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ Letter of Appreciation on organizing 3<sup>rd</sup> Convocation from the Dean, Faculty of Veterinary Sciences, on 2011, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ Letter of Appreciation on Spring Festival Celebration 2011 from the Vice Chancellor, University of Veterinary and Animal Sciences, Lahore, Pakistan.
- ◆ Certificate of Participation in 2-days International Conference and Seminar on Environmental Toxicology and Health on 2011 at University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ Certificate of Merit for managing All Pakistan Bilingual Declamation Contest on 2012 at University of Veterinary and Animal Sciences, Lahore, Pakistan

- ◆ Certificate of Participation in 2-days International Conference on Toxicology on 2012 at University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ Certificate of attendance in the 1<sup>st</sup> International Scientific Meeting of Faculty of Pharmacy “Emerging Molecular Targets in Cancer Therapy and Drug Development” held in Makkah, Saudi Arabia, 16<sup>th</sup>-18<sup>th</sup> March, 2013
- ◆ Certificate of attendance in the 2nd International Workshop on Dairy Science Park held on November 18-20, 2013. The University of Agriculture, Peshawar.
- ◆ Certificate to attend five days hands on training on “Biosafety and Instrumental Analysis” on 30<sup>th</sup> September to 4<sup>th</sup> October 2014 at UVAS, Lahore.
- ◆ Certificate of Oral Presentation in 2nd International Conference on Sustainable Agriculture and environment. September 30- October 3, 2015. Selcuk University, Konya, Turkey.
- ◆ As Facilitator in a Workshop on Innovative Research Techniques in Basic Medical Sciences (“Innovations in Healthcare” 1st International Conference, 2017). 2nd February 2017, Shalamar Medical & Dental College, Lahore-Pakistan.
- ◆ Certificate of Appreciation on seminar entitled “Research tools used in Pharmacology and Toxicology at Veterinary Universities in Pakistan” at Selcuk University, Faculty of Veterinary Medicine, Konya, Turkey, held on 25<sup>th</sup> April 2017.
- ◆ Certificate of Attendance in 7th International Halal Conference & Exhibition organized by Punjab Halal Development Agency, April 17-18, 2018 at Faletti’s Hotel, Lahore-Pakistan.
- ◆ Certificate of Attendance in One day certified Halal Training Workshop on “Halal Food Safety Standards” organized by Punjab Halal Development Agency , April 17-18, 2018 at Faletti’s Hotel, Lahore-Pakistan.
- ◆ Resource Person of Two Days Hands on Training Workshop on “Pharmacological and Toxicological Procedures” September 6-7, 2018, Department of Pharmacology and Toxicology, UVAS, Lahore.
- ◆ Conduction of Two Days Hands on Training Workshop on “Pharmacological and Toxicological Procedures” September 6-7, 2018, Department of Pharmacology and Toxicology, UVAS, Lahore.
- ◆ Certificate of Achievement for successfully organized Two Days Hands on Training Workshop on “Pharmacological and Toxicological Procedures” September 6-7, 2018, Department of Pharmacology and Toxicology, UVAS, Lahore.
- ◆ Certificate of participation and Invited/Key Note Speaker at 3rd National Conference on Emerging Trends in Bioinformatics and Biosciences (NCETBB-2019), October 03-05, 2019 at Hazara University, Mansehra, Pakistan
- ◆ Certificate of Attendance: International Webinar on Lt Software: A virtual Lab. Concept. 25th July 2020. Organized by: University of Swabi and United Medical and Dental College, Pakistan.
- ◆ Certificate of Attendance: A Webinar on Health Instruments: Development and Validation. 10th September 2020. Organized by: Association of Pharmaceutical Research, Pakistan.
- ◆ Certificate of Invited/Key Note Speaker at 5th International Virtual Conference, February 04-

06, 2021. Shalamar Medical & Dental College, Lahore, Pakistan

- ◆ Certificate of Participation in a Webinar on Immunization progress and challenges in Pakistan by University of Health Sciences, Lahore held on 26<sup>th</sup> April 2021.
- ◆ Certificate of Fourth International Conference on Biosciences (ICBS-2021) by Biological Society of Pakistan (BSP) in collaboration with Department of Plant Sciences, Quaid I Azam University, Islamabad, held on 15<sup>th</sup> June 2021
- ◆ Certificate of Participation in 01-Day Workshop on “ Intellectual Property Protection in Academia” held on 25<sup>th</sup> August 2021, organized by Office of Research, Innovation and Commercialization & Science and Innovation Club, UVAS, Lahore.
- ◆ Certificate of Oral presenter in second International Congress on Biological and Health Sciences held at Afyon Kocatepe Üniversitesi, Afyon, Turkey on 24-27 february 2022 (online)
- ◆ Certificate of Oral presenter in 1<sup>st</sup> International Conference on Sustainable Ecological Agriculture organized by Selcuk University in Konya, Turkey on March 8-10, 2022
- ◆ Certificate of participation in National Seminar on Lumpy Skin Disease by Department of Veterinary Medicine, UVAS, Lahore, Pakistan on July 5, 2022
- ◆ Certificate of participation as Online Oral Presentation in II. International VII National Veterinary Pharmacology and Toxicology Congress held in Balikesir on 7-10 September 2022 in cooperation with Balikesir University Faculty of Veterinary Medicine and Veterinary Pharmacology and Toxicology Association, Turkey
- ◆ Certificate of Co-organizer/Keynote Speaker/Chair in 4<sup>th</sup> International Conference on Emerging Trends in Bioinformatics and Biosciences (ICETBB-2022) held on September 15-17, 2022 at Department of Bioinformatics, Hazara University, Mansehra, Pakistan.
- ◆ Certificate of participation in 1-day Sector Specific Training Program on Chemical Handling and Hazards Management held on January 18, 2023 at Maisonette Hotel Lahore. Organized by SMEDA
- ◆ Certificate of participation in 1<sup>st</sup> International Conference on Recent Innovations in Plant Sciences and Natural Products and 3<sup>rd</sup> Natural Product Exhibition on February 16-17, 2023 at Department of Botany, University of Okara, Okara.
- ◆ Certificate of appreciation for attending (Online) as a Keynote Speaker, 3<sup>rd</sup> International Conference on Emerging Research for Sustainable Economic Development (3<sup>rd</sup> ERSED-2023) held on May 9-10, 2023 at Baku, Azerbaijan. KS Global Research Limited, United Kingdom (UK).

### **Special Assignments**

- ◆ Chairman of Departmental Board of Study (Deptt. of Pharmacology & Toxicology)
- ◆ Member of Academic Council of the University

- ◆ Member of Advanced Studies and Research Board of the University
- ◆ Ex-Associate Senior Tutor of the University
- ◆ Ex-Member of Faculty Board of Study of Faculty of Animal Production & Technology
- ◆ Member of Faculty Board of Study of Faculty of Bio-Sciences
- ◆ External examiner of Gomal College of Veterinary Sciences, Gomal University, Dera Ismail Khan, Pakistan
- ◆ External examiner of M.Phil thesis in Faculty of Pharmacy, University of Karachi. Karachi.
- ◆ External examiner of University of Sargodha, Sargodha, Pakistan
- ◆ External examiner of Government College University, Lahore, Pakistan
- ◆ External examiner of University of Lahore, Lahore, Pakistan
- ◆ External examiner of University of Agriculture, Faisalabad, Pakistan
- ◆ Ex-Member of Selection Boards of Universities of Sargodha, Bahaud Din Zakarya, Islamia, Management and Technology, Peshawar and Lahore College for Women University etc.
- ◆ Ex-Member of the Planning Commission (PC-1) for outdoor/indoor hospitals and other projects, estimated cost PKR 300 Millions
- ◆ Actively participated in the preparation of PC-1 for construction of various labs./departments, estimated cost PKR 500 Millions
- ◆ Ex-Member of the committee for the development of official website of University of Veterinary and Animal Sciences.
- ◆ Performed duties in outdoor section of the Department of Medicine & Surgery for the treatment of animals.
- ◆ Member of the National Geographic Society
- ◆ Life membership of Alumni Association, UVAS, Lahore
- ◆ Ex-Joint secretary of Academic Staff Association, UVAS, Lahore, Pakistan.
- ◆ Ex-General secretary of Alumni Association, UVAS, Lahore
- ◆ Member of University Sports Board
- ◆ Director Students; Affairs

**Additional Associations**

- ◆ Registered member of Pakistan Veterinary Medical Council
- ◆ Diploma in Computer Sciences
- ◆ Certificate in Microsoft Office
- ◆ Ex-Member of Graduate's Memento Council
- ◆ Organized workshops and seminars under the auspices of Vetpharma Club
- ◆ Impart medical advice to the owners of the animals/ farmers on internet and on radio
- ◆ Ex-Associate Senior Tutor
- ◆ Ex-Coordinator of mega tutorial group B, University of Veterinary and Animal Sciences
- ◆ Tutor of a Tutorial Group.
- ◆ Ex-General Secretary, Alumni (old boys) Association, University of Veterinary and Animal Sciences
- ◆ Ex-President University Body Building Club of UVAS.
- ◆ Vice President University Volley Ball Association.
- ◆ Ex-Vice President University Debating Club.
- ◆ Ex-President University Quiz Society
- ◆ Ex-Joint Secretary, Academic Staff Association (ASA), UVAS.
- ◆ Ex-Secretary Departmental Board of study
- ◆ Ex-Member Faculty Board of Study, Faculty of Animal Product and Technology
- ◆ Member Faculty Board of Study, Faculty of Bio-Sciences
- ◆ Member of various Supervisory Committees of postgraduate students
- ◆ Member of Board of Study, College of Pharmacy, Hajvery University, Lahore, Pakistan
- ◆ Member of Selection Board of Islamia University, Bahawalpure, Pakistan.
- ◆ External Examiner for Pharmacy graduates and postgraduate students at Faculty of Pharmacy, Sargodha University, Sargodha, Pakistan.
- ◆ External Examiner for veterinary graduates and postgraduate students at Faculty of Veterinary Sciences, Gomal University, Dera Ismail Khan, Pakistan.
- ◆ External Examiner for postgraduate students at Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, Pakistan.
- ◆ Member of selection board university of Agriculture, Peshawar, Pakistan.
- ◆ Member of selection board university of Sargodha, Sargodha, Pakistan.
- ◆ Member of selection board Lahore College of Woman University, Lahore, Pakistan.
- ◆ Member of selection board of University of Management Technology, Lahore, Peshawar, Pakistan.
- ◆ Chairman Departmental Board of Studies

- ◆ Director Students' Affairs (City Campus)
- ◆ Member University Sports Board
- ◆ Member University Scholarship Award Committee
- ◆ Member Scholarship Award Committee (SAC)
- ◆ Member Cafeteria Management Committee
- ◆ Member of Advanced Studies and Research Board
- ◆ Member of Academic Council of UVAS

**Outstanding Achievements and Future Plans:**

Currently working as **Professor**, Department of Pharmacology and Toxicology and Director Students' Affairs at University Of Veterinary and Animal Sciences, Lahore, Pakistan.

Dr. Ovais has published more than 43 research papers in International or National refereed scientific journals so far.

Supervised more than 37 students in their M. Phil research program and worked as member of the supervisory committee of more than 91 students in their M. Phil research program so far.

Currently supervising 08 PhD scholars and serving as member of 13 PhD scholars. So far 4 PhD scholars completed their PhDs under my mentorship.

I was the member of the committee for the preparation of PC-1 for the up gradation of College of Veterinary Sciences to University of Veterinary & Animal Sciences, Lahore, Pakistan.

I have a brilliant academic career from Matriculation to Phd studies and earned ***first divisions/A Grades*** throughout my academic career.

Many Certificates including Certificates of Excellence/honor and letters of appreciation are in my credits showing my full participation in the extracurricular and co-curricular activities.

I qualified M.Sc (Hons.) degree in 1999 and secured First position having 3.93/4.00 CGPA and

Gained Merit Certificate and PhD degree in 2011 securing First position having 4.00/4.00 CGPA

I have always been active participant in the extracurricular activities at the school, college and university levels. I have won several prizes in speech competitions. I have first time started Free Treatment Camps. I served a member of Zoo Management Committee for the 8 years.

I have received one month training on Recent trends in Angiogenesis at **South Korea** sponsored

By HEC. In 2012, I got the opportunity to join College of Pharmacy, Umm Al Qura University, Makkah Kukarramah, **Kingdom of Saudi Arabia**.

Meanwhile, my work is published in the top ranked peer-reviewed National and International

Journals of Canada, Iran, China, Bosnia & Herzegovina, India and Pakistan. I continuously write on public related scientific articles in the National Press. I am also engaged in Radio Talks related to the discussions for the farmers.

I have established a research lab. on "Angiogenesis" for the first time in Pakistan having latest

Equipments. My team has developed and standardized Chorioallantoic Membrane (CAM) Assay,

Chicken Embryonic Movement Assay and In vivo Wound Healing Assay in the University of

Veterinary & Animal Sciences, Lahore. I am the member of group who has developed and standardized Delayed Type Hypersensitivity Assay, Nitric Oxide Production Assay and Phagocytosis Assay in the Department.

I first time isolated Macrophages from the body of the Chicken and Quails in the UVAS.

I am also exploring the pharmacological screening and therapeutic evaluation of indigenous plant extracts. I have a lot of letters of appreciation/certificates in my credit.

**Future Plan:** To serve the muslim ummah using advanced technology in teaching, research and administration.