**CURRICULUM VITAE**

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**DR. MIAN MUHAMMAD AWAIS**

**Postal address:** Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan

Tel: Cell. +92-332-4482304; Off. +92-61-4507545

Email: [muhammadawais@bzu.edu.pk](mailto:muhammadawais@bzu.edu.pk); [drawaisuaf@gmail.com](mailto:drawaisuaf@gmail.com); [awais009966@hotmail.com](mailto:awais009966@hotmail.com)

**CURRENT POSITION**

Assistant Professor (Parasitology)  
Department of Pathobiology,

Faculty of Veterinary Sciences,

Bahauddin Zakariya University, Multan

**PERSONAL INFORMATION**

Father’s Name: **Ch. Abdul Ghani**

Date of birth: 16-11-1984

CNIC# 33100-0847024-5

Nationality: Pakistani

Domicile: Faisalabad (Punjab)

Marital Status: Married

Field of Specialization: Parasitology, Immunology

Total Impact Factor >28

Open Researcher and Contributor ID: <http://orcid.org/0000-0002-7802-3259>

**EDUCATION AND ACADEMIC RECORD**

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| **Education** | **Year of Passing** | **Marks obtained** | | **Division** |
| PhD (Immunoparasitology) | 2013 | - | - | |
| M.Phil (Parasitology) | 2010 | CGPA **4.00/4.00** | | 1st |
| DVM (5 years) | 2008 | CGPA **3.83/4.00** | | 1st |
| Intermediate, F.Sc. (Pre-medical) | 2003 | 860/1100 | | 1st |
| Matriculation | 2000 | 694/850 | | 1st |

**AWARDS AND HONORS**

* **Certificate of Recognition** for qualifying amongst the five finalists in the 2015 Nor-Feed Award for quality of PhD Research Work on detailed description of the plant properties and its nutritional benefits awarded by Nor-Feed, France.
* **HEC Approved Supervisor** by Higher Education Commission, Govt. of Pakistan for supervision of PhD level Students for indigenous PhD Scholarship Schemes vide HEC Notification No. 1-103/HEC/HRD/AGRI/2014/106(1) dated July 13, 2015.
* **Certificate of appreciation** in recognition of excellent performance as Member, Technical committee in the International Livestock, Dairy and Poultry Congress organized by Pakistan Veterinary Medical Association held at Expo Center, Johar Town, Lahore on April 14-15, 2015.
* **Certificate of appreciation** in recognition of excellent performance as Secretary, Technical committee in the 1st International Conference on Zoonoses-2014 organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan from October 16-17, 2014.
* **Certificate of appreciation** in recognition of excellent performance as a member in the organizing committee of 1st International Conference on Zoonoses-2014 organized by Faculty of Veterinary Sciences at Bahauddin Zakariya University, Multan, Pakistan from October 16-17, 2014.
* Awarded **Research Productivity Award 2013** byPakistan Council of Science and Technology, Pakistan
* Won **Best Young Scientist Award-2013** (Veterinary Sciences, 3rd Position) by National Academy of Young Scientists
* **Won International Travel grant** to attend an International training course on Drug development and neglected infectious tropical diseases held in Thailand
* 1st Position (**Silver Medal**) in M. Phil Parasitology (Univ. of Agriculture, Faisalabad)
* **Highest %** in the Faculty Vet. Science among all the post graduate students (Session 2008-10)
* **4th Position** holder in the DVM session 2003-08 in Univ. of Agriculture, Faisalabad.
* **University merit scholarship holder** throughout the DVM and M.Phil degree programs
* **Life-long member**, Pakistan Veterinary Medical Council as Registered Veterinary Medical Practitioner (RVMP-3980)
* **Member,** Pakistan Veterinary Medical Council as Registered Veterinary Medical Faculty (RVMF-0116)

**PROFESSIONAL EXPERIENCE**

1. Teaching and research experience as **Assistant Professor**, Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan

(**October 01, 2014 to date**).

1. Teaching and research experience as **Assistant Professor**, Department of Pathobiology, College of Veterinary and Animal Sciences, Jhang Sub-campus University of Veterinary and Animal Sciences, Lahore, Pakistan

(**October 01, 2013 to September 30, 2014**).

1. Teaching and research experience as a **Lecturer**, Department of Pathobiology, College of Veterinary and Animal Sciences, Jhang Sub-campus University of Veterinary and Animal Sciences, Lahore, Pakistan

(**July 06, 2012 to September 30, 2013**).

1. Two years and seven months research experience as a **Research Associate** in a research project entitled “Evaluation of sugar cane polysaccharides and glycoproteins as biological response modifier and their therapeutic effect on *Eimeria* infection in chickens” funded by Pakistan Science foundation, Islamabad, Pakistan

(**December 08, 2009 to July 06, 2012**).

**ADMINISTRATIVE EXPERIENCE**

1. **Program Co-ordinator** for DVM Self Finance Evening Program, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (April 2015 to date).
2. **Superintendent**, Umar Hall (Boys Hostel), Bahauddin Zakariya University, Multan (August 10, 2015 to date).
3. **Member**, **Disciplinary Committee,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (15-07-2015 to date).
4. **Member**, **Faculty Examination Committee,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (15-07-2015 to date).
5. **Member**, **Admission Committee for UG and PG Programs,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (15-07-2015 to date).
6. **Member**, **Synopsis Scrutiny Committee,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (06-10-2015 to date).
7. **Member, Board of studies, Department of Pathobiology,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.
8. **Member, Board of Faculty,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.
9. **Member, Departmental Purchase Committee,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.
10. **Store Incharge,** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.
11. **Advisor,** Punjab Public Service Commission for the Recruitment of Veterinary Officers/Livestock Production Officers (2016)
12. **External Examiner** of M. Phil Biotechnology Thesis and Viva voice, The Women University, Multan.

**RESEARCH GRANTS**

1. **Principal Investigator** “Evaluation of *Chenopodium quinoa* as a natural biological response modifier and its protective efficacy against coccidiosis in broilers”. funded by BZU, Multan (0.147 Million)
2. **Co-Principal Investigator** “Evaluation of combined dietary supplementation of locally available bentonite clay and distillery sludge on the prevention of ochratoxicosis in broiler birds” funded by HEC, Govt. of Pakistan (0.459 Million)

**PROFESSIONAL TRAININGS/WORKSHOPS ORGANIZED**

1. **Organizer**, One day workshop on **Training Modules of DVM Internees** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan January 19, 2017.
2. **Secretary**, **2nd International Conference on Zoonoses-2016** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan on October 20-21, 2016.
3. **Organizer**, One Day Workshop on “**Intellectual Property Rights and Patent Drafting**” a joint venture of Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan and PASTIC-Pakistan Science Foundation held on May 11, 2016.
4. **Secretary/Member**, Technical Review Committee**, International Livestock, Dairy & Poultry Congress**, Expo Centre, Johar Town, Lahore, Pakistan, March 16-17, 2016.
5. **Organizer,** Three days training program on **“Input services on animal health care, feed and fodder supplies and marketing”** organized by Faculty of Veterinary Sciences in collaboration **with International Livestock Research Institute (ILRI) and International Center for Agriculture Research in the Dry Areas (ICARDA)** on January 26-29, 2016.
6. **Organizer**, One day workshop on **Training Modules of DVM Internees** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan December 17, 2015.
7. **Organizer**, **Inauguartion Ceremony, Faculty of Veterinary Sciences Complex** at Bahauddin Zakariya University, Multan on September 16, 2015.
8. **Member**, Technical Committee, **International Livestock, Dairy & Poultry Congress**, held on April 14-15, 2015 at Expo Centre, Johar Town, Lahore, Pakistan.
9. **Member**,Technical Committee, **International Livestock, Dairy & Poultry Congress**, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.
10. **Secretary**, Scientific Committee, **1st International Conference on Zoonoses-2014** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan on October 16-17, 2014.
11. **Member**, Organizing Committee, **1st International Conference on Zoonoses-2014** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan on October 16-17, 2014.

**PROFESSIONAL TRAININGS/WORKSHOPS ATTENDED**

1. **Certificate of Appreciation**, One day workshop on **Training Modules of DVM Internees** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan January 19, 2017.
2. **Certificate of Participation** in Joint Pakistan-U.S. Workshop on **Strengthening & Sustaining a Network of Public & Animal Health Clinical Laboratories in Pakistan** held on September 27-29, 2016 at Pakistan Academy of Sciences, Islamabad, Pakistan.
3. **Certificate of Participation** in National Workshop, “**Organic Food and Health: Avenues of Innovation and Entrepreneurship**” organized by Pakistan Council for Science and Technology on August 29, 2016 at University of Management and technology, Lahore, Pakistan.
4. **Certificate of Participation** in **Training Course of Medical Journal Editors** organized by University of Health Sciences, Lahore in collaboration with Pakistan Association of Medical Editors on March 04-05, 2016.
5. **Certificate of Appreciation** for active participation in one day workshop on Training Modules of DVM Internees organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan December 17, 2015.
6. **Certificate of Participation** in National Conference on Insight of Molecular Techniques Used in Applied Biological Research organized by Department of Molecular Biology, Virtual University of Pakistan, Lahore on August 06, 2015.
7. **Certificate of Participation** for participating in the seminar on Rangelands in Pakistan: Status, Potential, Opportunities and Tools/Measures for its Improvement organized by Department of forestry and Range management, BZU in collaboration with NARC/PARC, ILRI and ICARDA Bahauddin Zakariya University, Multan, Pakistan April 28-29, 2015.
8. **Certificate for attending** one day workshop on Bio-safety in Pakistan-Challenges and Solutions organized by Department of Food Science in collaboration with American Society for Microbiology on November 24, 2014.
9. **Certificate of Participation** inInternational Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.
10. **Certificate of participation** in an International Workshop on Advances in Food Analytical Methods: Oils/Fats And Phenolics organized by OIC at COMSTECH, Islamabad from December 4th-6th, 2013.
11. **Certificate of successful completion** of an **International training course** on Drug development and neglected infectious tropical diseases held on 27-31 May, 2013 at Biotech, NSTDA, Thailand.
12. **Certificate of attending** International Livestock, Dairy and Poultry Congress held on 17th -18th April, 2013 at Awan-e-Iqbal, Lahore, Pakistan
13. **Certificate of participation** in International Poultry Expo 2013 from 26-28 September at Expo Center, Lahore, Pakistan
14. **Certificate of participation** in a training workshop on Applications of EndNote X5 Software held on 5-6 April 2013 at CVAS, Jhang, Pakistan.
15. **Certificate of participation and completion** of 5 Days Workshop on Data Analysis Methodologies, held on December 18-22, 2012 at UVAS, Lahore, Pakistan.
16. **Certificate of participation** in a 2 day “Student Forum” held under the Agriculture Sector Linkages Program of Australia & Pakistan in a Dairy Project held at University of Veterinary and Animal Sciences, Lahore from February 20th -21st , 2012.
17. **Certificate of Participation** in a three day workshop on “Biosafety Practices: Need and Necessity” organized by OIC at COMSTECH, Islamabad from 26-09-2011 to 28-09-2011.
18. **Certificate of Participation** in one day training workshop on Biosafety organized by National Academy of Young Scientists, Pakistan held at University of Lahore on 9th July, 2011.
19. **Certificate for attending** a Five days training workshop on “LCMS, GCMS & AAS; The Powerful analytical techniques” organized by National Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad from 25th - 29th April, 2011.
20. **Certificate of Participation** on successful completion of 100 hours intensive workshops/Trainings/Meetings on Novel/International approaches for Diagnosis and control of Parasites held at Univ. of Agriculture, Faisalabad from 29-12-2010 to 08-01-2011.
21. **Certificate of Appreciation** in a 3 day “University Student Forum” held under the Agriculture Sector Linkages Program of Australia & Pakistan in a Dairy Project held at University of Veterinary and Animal Sciences, Lahore from 10-02-2009 to 12-02-2009.

**RESEARCH EXPERIENCE**

**PhD Thesis Research**

Evaluation of sugar cane (*Saccharum officinarum*) bio-molecules as biological response modifiers and their immunotherapeutic effects against coccidiosis in chicken

**M.Phil Thesis Research**

Immunomodulatory effects of some sugarcane (*Saccharum officinarum*) components in chickens and their therapeutic efficacy against avian coccidiosis

**SCIENTIFIC PUBLICATIONS**

**International Impact Factor Papers**

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| **Sr. No.** | **Manuscript Details** | **IF** |
|  | **Awais MM**, M Akhtar, F Muhammad, AU Haqand MI Anwar, 2011. Immunotherapeutic effects of some sugar cane (*Saccharum officinarum* L.) extracts against coccidiosis in industrial broiler chickens. Experimental Parasitology, 128(02): 104-110. | **2.122** |
|  | **Awais MM**, M Akhtar, Z Iqbal, F Muhammad, MI Anwar, 2012. Seasonal prevalence of coccidiosis in industrial broiler chickens in Faisalabad, Punjab-Pakistan. Tropical Animal Health and Production, 44(02): 323-328. | **1.09** |
|  | **Awais MM** and M Akhtar, 2012. Immunostimulatory and growth promoting effects of sugarcane (*Saccharum officinarum* L.) extracts in industrial broiler chickens. Pakistan Veterinary Journal, 32(03): 398-402. | **1.365** |
|  | Akhtar M, MI Anwar, Z Iqbal, F Muhammad, **MM** **Awais,** AU Haq and EH Sawicka, 2012. Immunological evaluation of two local isolates of *Eimeria tenella* gametocytes against coccidiosis in poultry. Pakistan Veterinary Journal, 32(01): 77-80. | **1.365** |
|  | Akhtar M, A Hai, **MM** **Awais,** Z Iqbal, F Muhammad, AU Haq and MI Anwar, 2012. Immunostimulatory and protective effects of *Aloe vera* against coccidiosis in industrial broiler chickens. Veterinary Parasitology, 186(3-4): 170-177. | **2.381** |
|  | Akhtar M, AF Tariq, **MM** **Awais,** Z Iqbal, F Muhammad,M Shahid and E Hiszczynska-Sawicka, 2012. Studies on wheat bran Arabinoxylan for its immunostimulatory and protective effects against avian coccidiosis. Carbohydrate Polymers, 90(01): 333-339. | **3.479** |
|  | Muhammad F, M Akhtar, IJ Hassan, ZU Rehman, **MM Awais**, MK Saleemi and MI Anwar, 2012. Quantitative Structure activity relationship and risk analysis of some pesticides in cattle milk. Pakistan Veterinary Journal, 32(04): 589-592. | **1.365** |
|  | Muhammad F, **MM Awais**, M Akhtar and MI Anwar, 2013. Quantitative Structure activity relationship and risk analysis of some pesticides in cattle milk. Iranian Journal of Environmental Health Science & Engineering, 10: 04. | **1.012** |
|  | Iqbal Z,ZU Rahman, F Muhammad, T Khaliq, H Anwar, **MM Awais** and S Sadaf, 2013. Oxytocin induced oxidative stress in lactating Bubalis bubalis (Nili Ravi). BMC Veterinary Research, 9: 169. | **1.743** |
|  | Kashif M, T Ahmad, A Shakoor, MY Rana, **MM Awais**, SA Muhammad, A Yousaf, M Yaqoob, Z Iqbal, A Nasir and ME Baber, 2013. Comparative Efficacy of enrofloxacin and oxytetracycline as systemic dry period therapy for the control of *Bubaline* mastitis. Buffalo Bulletin, 32(Special Issue 2):1002-1008. | **0.060** |
|  | Kaleem QM, M Akhtar, **MM Awais**, M Saleem, M Zafar, Z Iqbal, F Muhammadand MI Anwar, 2014. Studies on *Emblica officinalis* derived tannins for its immunostimulatory and protective activities against coccidiosis in industrial broiler chickens. The Scientific World Journal, 2014: 378473. | **1.219** |
|  | Nadeem M, A Yousaf, Z Iqbal, **MM** **Awais** and BA Pervez, 2014. Prevalence, diagnosis and treatment of mycoplasmosis in game birds. World's Poultry Science Journal, 70(01): 69-80. | **1.089** |
|  | Razzaq A, K Ashraf, A Maqbool, M Islam, A Hannan, **MM Awais**, MA Khetran, S Jan, M Shafee, M Essa and H Kakar, 2014. Epidemiology, sero-diagnosis and therapeutic studies on nematodes infection in Balochi range-sheep at district Quetta, Balochistan, Pakistan. Iranian Journal of Parasitology, 9(02): 169-180. | **0.857** |
|  | Javed M, F Rizvi, AW Manzoor, **MM Awais**, RSA Khan and AUH Khan, 2014. Comparative evaluation of conventional and molecular diagnostic methods for Newcastle disease during an Outbreak in Punjab,Pakistan. Pakistan Journal of Agricultural Sciences, 51(3): 701-707. | **1.049** |
|  | Iqbal Z, ZU Rahman, F Muhammad, M Akhtar, **MM Awais**, T Khaliq, A Nasir, M Nadeem, K Khan, HM Arshad and MA Basit, 2015. Effect of oxytocin on serum biochemistry, liver enzymes and metabolic hormones in lactating Nili Ravi buffaloes. Tropical Animal Health and Production, 47(01): 21-27. | **0.870** |
|  | Akhtar M, **MM Awais**, MI Anwar, S Ehtisham-ul-Haque, A Nasir, MK Saleemi and K Ashraf, 2015. The effect of infection with mixed *Eimeria* species on hematology and immune responses following Newcastle disease and Infectious bursal disease booster vaccination in broilers. Veterinary Quarterly, 15(01): 21-26. | **1.047** |
|  | Ehtisham-ul-Haque S, SU Rahman, MI Khan, M Younus, **MM Awais** and A Nasir, 2015. A simplified duplex real-time PCR incorporating TaqMan minor groove binder (MGB) probes and exogenous internal positive control for the simultaneous detection of *Mycoplasma gallisepticum* and *Mycoplasma synoviae*isolates from chickens. Veterinarni Medicina, 60(05): 268-273. | **0.560** |
|  | Ullah MI, M Akhtar, Z Iqbal, M Shahid and **MM Awais**, 2015. Immunomodulating and Antiprotozoal Effects of Different Extracts of the Oyster Culinary-Medicinal Mushroom *Pleurotus ostreatus* (Higher Basidiomycetes) Against Coccidiosis in Broiler. International Journal of Medicinal Mushrooms, 17(03): 309-317. | **1.357** |
|  | Raza A, F Muhammad, S Bashir, MI Anwar, **MM Awais**, M Akhtar, B Aslam, T Khaliq and MU Naseer, 2015. Antiviral and immune boosting activities of different medicinal plants against Newcastle disease virus in poultry. World’s Poultry Science Journal, 71(03): 523-532. | **0.974** |
|  | Waheed M, F Muhammad, I Javed, M Akhtar, MK Saleemi, T Khaliq, **MM Awais** and MI Anwar, 2015. Dermatoprotective effects of some plant extracts (genus Ficus) against experimentally induced toxicological insults in rabbits. Toxicology and Industrial Health, 31(11): 982-989. | **1.688** |
|  | Abbas Y AW Sahota, M Akram, S Mehmood, J Hussain, M Younus, **MM Awais** and AR Sial. 2015. Effect of different feed restriction regimes on growth performance and economic efficiency of Japanese quails. Journal of Animal and Plant Sciences, 25(04): 966-970. | **0.422** |
|  | Ahmad A, AA Anjum, M Rabbani, K Ashraf, **MM Awais**, M Nawaz, N Ahmad, A Asif and S Sana, 2017. Effect of fermented rice bran on growth performance and bioavailability of phosphorus in broiler chickens. Indian Journal of Animal Research (Accepted) | **0.091** |
|  | Anwar MI, F Muhammad, MM Awais and M Akhtar, 2017. A review of β-glucans as a growth promoter and antibiotic alternative against enteric pathogens in poultry. World’s Poultry Science Journal, (Acepted; In press) | **0.974** |

**National non Impact Factor Papers**

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| **Sr. No.** | **Manuscript Details** |
| **1.** | Imtiaz F, M Akhtar, **MM** **Awais,** F Muhammad and H Jamil, 2011. Standardization and application of modified counter immuno-electrophoresis for the detection of antigenic response against *Haemonchus contortus* in rabbits. Pakistan Journal of Life and Social Sciences, 09(01): 13-16. |
| **2.** | Mukhtar M, **MM Awais**, MI Anwar, Z Hussain, N Bhatti and S Ali, 2012. Seroprevalence of *Mycoplasma gallisepticum* among commercial layers in Faisalabad, Pakistan. Journal of Basic and Applied Sciences, 08: 183-186. |
| **3.** | Mukhtar M, **MM Awais**, MI Anwar, Z Hussain, N Bhatti and S Ali, 2012. Pathogenicity and effect of exogenous antibodies on the viability of *Mycoplasma gallisepticum* in chicken Embryos, Pakistan Journal of Life and Social Sciences, 10(01): 13-17. |
| **4.** | **Awais MM**, M Akhtar, Z Iqbal and F Muhammad, 2013. *Saccharum officinarum* derived mid molecular mass glycoproteins as native biological response modifiers in chickens. Pakistan Journal of Life and Social Sciences, 11(03): 200-207. |
| **5.** | Farooq AA, MH Lashari, MS Akhtar, **MM Awais**, S Inayat and M Akhtar, 2015. [Prevalence of Bovine Fascioliasis in Different Commercial and Non-commercial Dairy Farms of District Rajanpur, Punjab, Pakistan](http://pjlss.edu.pk/pdf_files/2015_1/8-11.pdf). Pakistan Journal of Life and Social Sciences, 13(01): 8-11. |
| **6.** | Akhtar M, AA Ahmed, **MM Awais**, MK Saleemi, K Ashraf and EH Sawicka, 2014. Seroprevalence of *Toxoplasma gondii* in the backyard chickens of the rural areas of Faisalabad, Punjab, Pakistan. International Journal of Agriculture and Biology, 16: 1105-1111. |
| **7.** | Nazir KHMNH and **MM Awais,** 2014. Expression Profiles of Fungal Cytochrome P450 Genes: A Mini Review. Journal of Pure and Applied Microbiology, 8(01): 81-87. |
| **8.** | MA Zaman, M Sajid, A Sikandar, TU Rehman and **MM Awais,** 2014. Point Prevalence of Gastrointestinal Helminths and their Association with Sex and Age of Buffaloes in Lower Punjab, Pakistan. International Journal of Agriculture and Biology, 16: 1229-1231. |
| **9.** | **Awais MM**, M Akhtar, Z Iqbal and F Muhammad, 2014. *Saccharum officinarum* derived high molecular mass glycoproteins as native biological response modifiers in chickens. Pakistan Veterinary Journal, 34(04): 464-468. |
| **10.** | Muhammad SA, A Shakoor, M Younus, **MM Awais**, M Kashif, MK Maan, MR Hameed and MS Akhtar, 2015. Surgical Rectification of Congenital Type II Atresia ani Leading to Recto-Vaginal Fistula in Cattle Calves. Pakistan Journal of Life and Social Sciences, 13(01): 62-63. |
| **11.** | Ali MA, LA Lodhi, MM Awais, Faiz-ul-Hassan and W Ahmad, 2016. Effect of birth weight and sex of the calf on incidence of calving disorders in buffaloes in Punjab province, Pakistan (a case study). Science International, 28(3): 3179-3182. |
| **12.** | Akhtar M, E Hiszczynska-Sawicka, MM Awais, MI Anwar and M Stankiewicz, 2016. Simplified RNA Extraction from Trichostrongylus Infected Sheep Blood to Amplify Ovine Interleukin-6 Gene. Pakistan Journal of Life and Social Sciences, 14(01): 57-59. |

**ABSTRACTS**

Akhtar M, F Muhammad, AU Haq, I Hussain, **MM** **Awais**, K Ashraf and MI Anwar, 2010. Effect of induced coccidiosis in three hybrid strains of industrial broiler chicken. B.S.P. Spring meeting and trypanosomiasis and Leishmaniasis Seminar, Cardif University, Wales, UK. March 29th – April 1st 2010.

Akhtar M, A Hai, F Muhammad, **MM** **Awais** andMIAnwar, 2011Immunostimulatory and Protective Effects of *Aloe vera a*gainst Coccidiosis in Industrial Broiler Chickens. Planta Medica, 77.

Muhammad F, **MM Awais**, M Akhtar and MI Anwar, 2013. Quantitative Structure activity relationship and risk analysis of some pesticides in cattle milk. 1st International Conference on Global Environmental Changes, GC University, Faisalabad, Pakistan, January 15-16, 2013.

Kashif M, T Ahmad, A Shakoor, MY Rana, **MM Awais**, SA Muhammad, A Yousaf, M Yaqoob, Z Iqbal, A Nasir and A Khan, 2013. Comparative efficacy of enrofloxacin and oxytetracycline as systemic dry period therapy for the control of bubaline mastitis. The 10th World Buffalo Congress and the 7th Asian Buffalo Congress, Hilton Phuket Arcadia Resort and Spa, Phuket, Thailand, May 6-8, 2013.

Iqbal Z, ZU Rahman, M Akhtar, T Khaliq, **MM Awais**, A Nasir, M Nadeem and M Kashif, 2014. Effect of oxytocin on serum biochemistry, liver enzymes and metabolic hormones in lactating Nili Ravi buffaloes. International Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.

Muhammad SA, A Shakoor, M Younus, MR Hameed , **MM Awais**, M Kashif, MK Maan and MS Akhtar, 2014. Surgical rectification of congenital type II *Atresia ani* leading to recto-vaginal fistula in two cow calves. International Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.

**Awais MM**, M Akhtar, F Muhammad, A Jamil, Z Iqbal, MA Zaman, S Ehtisham-ul-Haque and MR Hameed, 2014. *Saccharum officinarum* derived high molecular mass glycoproteins as native BRMs in broiler chickens. International Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.

Zaman MA, Z Iqbal, M Younus, S Ehtish-ul-Haque and **MM Awais**, 2014. Evaluation of anti-coccidial activity of a herbal extract against caecal coccidiosis. International Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.

Javed M, F Rizvi, AW Manzoor, **MM Awais**, RSA khan and AUH Khan, 2014. Validity of conventional and molecular diagnosis of Newcastle disease during an outbreak in Punjab, Pakistan. International Livestock, Dairy & Poultry Congress, Aiwan-e-Iqbal Complex, Lahore, Pakistan, 11-12 March, 2014.

Ehtisham-ul-Haque S, U Waheed, **MM Awais**, A Nasir and MK Rafique,2014. Loop-mediated isothermal amplification (LAMP) assay: a powerful inovative diagnostic tool for the rapid molecular detection of zoonotic pathogens in developing countries. 1st International Conference on Zoonoses-2014, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan, 16-17 October, 2014.

Akhtar M, AA Ahmed, **MM Awais**, MI Anwar, MK Saleemi, K Ashraf and E Hiszczynska-Sawicka, 2014. Seroprevalence of *Toxoplasma gondii* in the backyard chickens of the rural areas of Faisalabad, Punjab, Pakistan. 1st International Conference on Zoonoses-2014, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan, 16-17 October, 2014.

Hussain T, N Chaudhry, **MM Awais**, B Aslam, M Arshad and M Adil,2014. Sero-prevalence of brucellosis among the indigenous breeds of buffaloes in urban, peri urban and randomly selected villages of district Pakpattan, Pakistan. 1st International Conference on Zoonoses-2014, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan, 16-17 October, 2014.

Chaudhry N, T Hussain, B Aslam, MK Rafique and **MM Awais**, 2014. Study on sero-prevalence of brucellosis among the buffaloes and cattle in urban, peri urban and rural areas of district Mandibahuddin, Pakistan. 1st International Conference on Zoonoses-2014, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan, 16-17 October, 2014.

**Awais MM** and M Akhtar, 2014. Biological response modifying and immunotherapeutic activities of sugar cane bagasse derived fatty acids against coccidiosis in industrial broiler chickens. The 10th Asia Pacific Poultry Conference, ICC Jeju, Korea, October 19-23, 2014.

Akhtar M, **MM Awais** and A Jamil, 2015. Immunotherapeutic effects of *Saccharum officinarum* derived mid molecular mass glycoproteins against coccidiosis in broiler chickens. International Livestock, Dairy & Poultry Congress, Expo Centre, Lahore, Pakistan, 14-15 April, 2015.

Akhtar M, HM Rizwan and **MM Awais**, 2015. *Avena sativa* derived arabinoxylans as native biological response modifiers in chicken. 29th EFFoST International Conference, Athens, Greece, November 10-12, 2015.

**Awais MM** and M Akhtar, 2015. Evaluation of biological response modifying activities of sugar cane bagasse derived polysaccharides in chickens. 29th EFFoST International Conference, Athens, Greece, November 10-12, 2015.

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**JOURNAL/PUBLICATION EXPERIENCE**

**MEMBER EDITORIAL BOARD**

1. BMC Veterinary Research (ISI indexed Impact Factor Journal)
2. Pakistan Veterinary Journal(ISI indexed Impact Factor Journal)

(January 01, 2012 to October 01, 2012)

1. Pakistan Journal of Life and Social Sciences (HEC recognized journal)

(<http://www.pjlss.edu.pk/editorial-board>)

1. Journal of Advanced Veterinary and Animal Research

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**POSTGRADUATE STUDENTS SUPERVISED**

**M. Phil Supervised as major supervisor**

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S Mumtaz, 2016. Evaluation of Ficus religiosa for its biological response modifying and immunotherapeutic activities against avian coccidiosis (Completed).

MZ Ullah, 2016. Seroprevalence, associated risk factors and hematological impacts of Toxoplasmosis in small ruminants of district Multan, Pakistan (Completed).

MZ Ilyas, 2016. Studies on Chenopodium quinoa for its immunostimultory and protective efficacy against coccidiosis in broilers (Underway).