

CURRICULUM VITAE

(December, 2022)



1. PERSONAL INFORMATION

1. **Name:** MURAD ALI KHAN
2. **Father's Name:** MUMTAZ KHAN
3. **Designation:** PROFESSOR
4. **Domicile:** FR BANNU
5. **Date of Birth:** 08/09/1973
6. **Contact:** Land Line: 091-9221196 Mobile: 03038485426
7. **Email:** drmuradwazir@aup.edu.pk
8. **Postal/Mailing Address:** House No: 21-A, Street-04; Professor colony Agriculture University Peshawar.
9. **Permanent Address:** Village: Madi Khel P/O Azim Kala Tehsil & District Bannu.
Phone Office: 0092 91-9221196, Mobile No: 0092 303-8485426

10. **Languages:**
 - English** (Writing, Reading, Listening, Speaking)
 - Urdu** (Writing, Reading, Listening, Speaking)
 - Pashto** (Writing, Reading, Listening, Speaking)
 - Arabic** (Reading)

11. **Domicile:** FATA - F.R Bannu (KPK)
12. **CNIC NO:** 11101-1516038-7
13. **Passport:** JT4110383
14. **Email address:** drmuradwazir@aup.edu.pk makhan.bio@gmail.com,

2. QUALIFICATION:

Sr#	LEVEL	CERTIFICATE/ DEGREE	DIVISION/ CGPA	YEAR	NAME OF THE INSTITUTION
1	Matriculation	SSC	604/850	1989	GHS Azim Killa, Bannu
2	Intermediate	HSSC (F.Sc)	700/1100	1991	GPGC-Bannu
3	Bachelors	DVM		1997	The University of Agriculture Faisal Abad
4	Masters				
5	MS/ M.Phil	M.Sc(HONS) Parasitology		1999	The University of Agriculture Faisal Abad
6	D.I.T		Institute of computer Sciences, Dera Ismail Khan, Pakistan.	2002- 2003	Technical Board Peshawar

7	Ph.D	Field of Ph.D/ Thesis Title	2013	Gomal University D.I.Khan
		Biological Sciences (Parasitology/ Microbiology) [Epidemiology, Zoonotic Potential, Haematological affect and Control of Sarcptes Scabiei in Animals and Men in Khyber Pakhtunkhwa-Pakistan]		

3. PRESENT TITLE AND AFFILIATION

Principal & Professor:

College of Veterinary Sciences, FAH&VS,
The University of Agriculture Peshawar Pakistan

4. PROFESSIONAL EXPERIENCE (24 years)

S.No	Designation	Institution	Teaching / Research		
			From (dd. mm. yyyy)	To (dd. mm. yyyy)	Total Duration (years. months. days)
1	Research Associate	The University of Agriculture Faisal Abad	01/01/1997	23/01/2001	4 years & 22 days
2	Lecturer	Gomal University D.I.Khan	15/10/2001	09/09/2003	1 year, 10 months & 25 days
3	Livestock Production officer	Directorate of Livestock and Dairy Development Peshawar.	09/09/2003	21/08/2004	11 months & 12 days
4	Veterinary officer (Health)	Directorate of Livestock and Dairy Development Peshawar.	21/08/2004	11/05/2011	6 years, 8 months & 12 days
5	Lecturer	The University of Agriculture Peshawar	12/05/2011	12/05/2014	3 years
6	Assistant Professor	The University of Agriculture Peshawar	13/05/2014	18/09/2017	3 years, 4 months & 5 days
7	Associate Professor	The University of Agriculture Peshawar	18/09/2017	04/03/2022	4years, 5 months & 14 days
8	Professor	The University of Agriculture Peshawar	04/03/2022	To date	24 Y and 05 M
Administrative					
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1	Principal	College of Veterinary Sciences, The University of Agriculture Peshawar The University of Agriculture Peshawar	24/05/2017	05/03/2018	10 Months
			06/01/2024	Till todate	

2	Add: Director Advanced Studies and Research UAP				
3	Assistant Warden	The University of Agriculture Peshawar	04/06/2011		
4	DVM student Internship coordinator	The University of Agriculture Peshawar	January 2013-	September 2017	04 Years
5	Coordinating officer of estate affairs of FAHVS	The University of Agriculture Peshawar	2013	To-date	09 years
6	Proctor	Gomal University D.I.Khan	2003	2003	01 year
7	Chairman Department of Animal Health	The University of Agriculture Peshawar	13/09/2019-	27/09/2019	15 days
8	Class coordinator	he University of Agriculture Peshawar	2013 to date	To-date	07 years
9	Convener of Institutional disciplinary committee	Department of Animalhealth,The University of Agriculture Peshawar	.2019	To-date	03 ears

5. Any other relevant Information/ Additional duties performed:

S.No.	Member	Institute	Date
01	Member as registered Veterinary Medical Faculty	Pakistan Veterinary Medical council	02-10-2022 to-date
02	Member as registered Veterinary Medical Practitioner	Pakistan Veterinary Medical council	02-10-2022 to-date
03	Member of Academic Council	UAP	2013 as an elected member and from 2022 to-date by designation as professor
04	Member Board of Faculty	FAHVS-UAP	From 2018 to-date
05	Member Board of Studies	College of Veterinary Sciences	From 2014 to-date
06	Member of DTRC	FVS, BZU Multan	04-10-2019
07	External Examiner	KUST, Kohat	2017 and 2019
08			
09	Member Board of Studies	Department of Clinical Sciences, FVAS, Gomal University D.I.Khan	15-11-2018
10	Member Board of Faculty	FVS, BZU Multan	28-11-2019 to 28-11-2021
11	Member Board of Faculty	FVS, BZU Multan	14.07.2022 to date
12	Member Examination	Pathobiology,FVS-	03-06-2019 to date

	Committee	BZU	
13	Member of KPPSC as a Subject expert	Khyber Pakhtunkhwa Pukhtunkhwa	2018 to date
14	Member of repair and maintenance committee of university houses	The University of Agriculture Peshawar	15/08/2018-15/08/2019
15	Examiner for thesis Evaluation	Dept: of biological Sciences, GU DIK	06/09/2018
16	Member of Peshawar Zoo	Peshawar Zoo	15/07/2022
17	Member of post graduate admission committee	The University of Agriculture Peshawar	2012 To date

7. SKILLS AND INTERESTS

i) TEACHING/RESEARCH

(a). Courses Taught:

Vet. Parasitology; Vet. Entomology; Vet. Helminthology; Vet. Protozoology; Fisheries and Aquaculture; Gen. Vet. Surgery Clinic-II; Gen. Veterinary Medicine; Meat hygiene and Public Health, Veterinary Jurisprudence and Forensic medicine.

(b). Research Area:

Parasitology; Protozoology; Helminthology; Entomology; Immunohistochemistry; Blood chemistry; Urine-analysis; PCR; Chromatography Enzyme Linked Immunosorbent Assay (ELISA); Food & Feed Mycology; Mycotoxins testing; Food and Feed chemistry; Bacteriology; Isolation, Identification and Molecular characterization of different bacteria,, Protozoans and Helminthes; Coprological and haematological examinations of Livestock helminthes and protozoans.

ii) OUTREACH SERVICES

1. Worked as an instructor for the student's diploma course referred by N&RSP for two months in the department of Animal Health (2012).
2. Worked as an instructor for the farmers sponsored by Relief international for two weeks in the department of Animal Health (2012).
3. Worked as an instructor for the Veterinary assistants under one month (Diploma course in Veterinary Diagnostic techniques) in the department of Animal Health.
4. Trained **Hussain Shah** (Lecturer in department of zoology at Shringale University Chitral campus) in various parasitological diagnostic techniques.
5. Visiting Instructor in Rural academy of Khyberpakhtunkhwa.
6. Worked as an instructor for the Livestock farmers of Agha Khan rural support program.
7. Helped several students of Zoology department of Peshawar University in term of research guidance and provision of research tools in the Parasitology Laboratory at department of Animal Health.

8. Execution of Major Research Project(s):

S. No	Title of Research Project	Executed as PI or Co-PI	Awarding Date	Completion Date	Awarding Organization	Worth of Project in Rs.
1	An evaluation of indigenous medicinal plants to be used for Parasitic control	PI	March 2015	April 2021	HEC	0.27M
2	Development of rapid diagnostic method and identification of vaccinal candidates for the control of theileriosis in ruminants	PI	April 2022	continue	HEC	6.7257M

9. Participation in Workshops, Seminars or Conferences held outside the Country:

S.No	Title of workshop, seminar or conference	Organized By	Country Name	Date
1	Bio risk management “Raising awareness” workshop	Sandia international laboratories USA at Thailand	Thailand	April 19-21, 2017
2				

10. Experience of Organizing Events such as Workshops, Seminars, Conference at an International Level within the Country in the Field of Higher Education:

S.No	Title of Conference, seminar or workshops	Sponsored By	Role As	Date
1	Innovative technologies and sustainable development in agriculture	The University of Agriculture Peshawar	organizer	August 19-22, 2014
2	Innovative technologies and sustainable development in agriculture	The University of Agriculture Peshawar	Participant	August 19-22, 2014
3	2 nd international dairy science park	HEC and UAP	organizer	2015
4	3 rd international dairy science park	HEC and UAP	Organizer	November 16-18, 2015
5	Novel corona virus emergence, threats & prevention	The University of Agriculture Peshawar	Organizer	27 th February
6	Curriculum development on zoonosis for post graduate student	Relief International	Speaker	September 29-30, 2014
7	Services delivery and social audit in local government	PARD Peshawar	Participant	March 10-14, 2008
8	Bio risk management “Raising awareness” workshop	Sandia international laboratories USA at Thailand	Participant	April 19-21, 2017
9	Training on Bio risk management	Health security partners	Participant	October 31- November 01, 2019

10	2 nd national DVM quiz competition	Arid agriculture University Rawalpindi	Participant	April 9 th -10 th , 2018
11	Application of polymerase chain reaction	The University of Agriculture Peshawar	Participant	September 25-26, 2021
12	Project formulation workshop	The University of Agriculture Peshawar	Participant	April 27-28, 2016
13	Statistical facts & data analytics of child nutrition status in flood hit areas of KP	The University of Agriculture Peshawar	Participant	January 5-6, 2017
14	Gender planning monitoring and evaluation	Pakistan forest institute Peshawar	Participant	May 21-26, 2007
15	Bio risk management	Relief International	Participant	February 08-12, 2016
16	Applied quantitative techniques and data analyses for researcher	The University of Agriculture Peshawar	Participant	February 24-25, 2012
16	Role of fish farming in rural development	PARD Peshawar	Participant	April 08-11, 2014
17	Research tools and techniques : SPSS & Research Methodology	The University of Agriculture Peshawar	Participant	March 02-03, 2017

11. TEACHING ACTIVITIES

My Nineteen years of Professional and intensive teaching experience include Teaching at Bachelor, Master and PhD level. The course I taught are listed below;

(i). At Bachelor Level:

1. Vet. Parasitology 3rd Semester 2(1-1)
2. Vet. Entomology 5th Semester 3(2-1)
3. Vet. Helminthology 4th semester 4(3-1)
4. Vet. Protozoology 3rd Semester 2(1-1)
5. Fisheries and aquaculture 4th Semester 2(1-1)
6. Gen. Vet. Surgery Clinic-II 6th Semester 3(2-1)
7. Gen. Veterinary Medicine 6th Semester 3(2-1)
8. Meat hygiene and Public Health 7th Semester 3(2-1)

(ii). At postgraduate Levels

1. Advanced Vet. Parasitology 3(2-1)
2. Advanced Entomology & Acarology 3(2-1)
3. Advanced. Helminthology 4(3-1)
4. Immunology of Parasites 3(2-1)
5. Wild life Parasitology 3(2-1)
6. Molecular Parasitology 3(2-1)

12. CONTRIBUTION TOWARDS STRENGTHENING OF THE DEPARTMENT OF ANIMAL HEALTH:

1. Established Zoonosis information resource center with the collaboration of Relief international at the University of Agriculture Peshawar.
2. Submission and granted approval of a project for Establishment of Post graduate center for Fisheries and Aquaculture at the Faculty of Animal husbandry and Vet. Sciences, the University of Agriculture Peshawar.

3. Preparation of PC-I for Establishment of Technology Centre at the University of Agriculture Peshawar.
4. Preparation of curriculum for the 5 years DVM degree program.
5. Preparation of curriculum for Post graduate degree program in Parasitology.
6. Preparation of curriculum for post graduate degree program in Fisheries and Aquaculture.vii). Preparation of curriculum for the 3 years Diploma program in Vet. Sciences.

13. STUDENT SUPERVISION

M.Phil Thesis (Students as Major Supervisor)-Completed

S. No.	Name	Title
1	Mudassar Nazar The University of Agriculture Peshawar	Prevalence and transplacental transmission of <i>Anaplasma marginale</i> in dairy cattles in Khyber Pakhtunkhwa.
2	Yazma naz Kohat university of Science and technology	Prevalence and treatment of Toxoplasmosis in sheep in district swabi.
3	Hussain Shah Shaheed Benazir Bhutto University Shringal,Dir KPK	Prevalence of gut helminthes in grazing sheep of chitral

14. MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS

1. Pakistan Biological Safety Association(**PBSA**)
2. Pakistan Veterinary Medical Council (**PVMC**) (**RVMP, RVMF**)
3. Pakistan Parasitology Association (**PPA**)
4. Entomological Society of Pakistan (**ESP**)
5. Pakistan Veterinary Medical Association (**PVMA**)
6. Agriculture University Teachers association (**AUTA**)
7. Federal of all Pakistan universities Association (**FAPUASA**)

15. RECENT TRAINING AND CERTIFICATES

a) Trainer/ Resource Person:

1	Worked as an instructor for the farmers sponsored by Relief international for two weeks in the department of Animal Health (2012).
2	Worked as an instructor for the Veterinary assistants under one month (Diploma course in Veterinary Diagnostic techniques) self sponsored Program in the department of Animal Health.
3	Helped several students of Zoology department of Peshawar University in term of research guidance and provision of research tools here in the Parasitology Laboratory at department of Animal Health.
4	Worked as a resource person with Relief International Pakistan on control of Zoonotic Diseases.
5	Working as disease investigator for parasitic diseases for the students of clinical sciences and outdoor patients.

6	Worked as a coordinator for the arrangement of annual study tours of the faculty students 2011 and 2012.
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b). Activities

1. Arranged Three days Annual Sports Gala 2014 as CHIEF ORGANIZER for the students of Faculty of Animal Husbandry and Veterinary Sciences, the University of Agriculture Peshawar.
2. Arranged One week Annual Sports Gala 2013 as CHIEF ORGANIZER for the students of Faculty of Animal Husbandry and Veterinary Sciences, the University of Agriculture Peshawar.
3. Arranged one week Annual Sports Gala 2012 as CHIEF ORGANIZER for the students of Faculty of Animal Husbandry and Veterinary Sciences, the University of Agriculture Peshawar.
4. Worked as coordinator in arrangement of Dairy Science Park held at the University of Agriculture Peshawar in the year 2011.
5. Working as an Estate affairs coordinator for the Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar since October 2012 to date.
6. Working as Volunteer for the management of all extracurricular activities held in Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar.

7. Working as Teacher coordinator of the students of DVM 2nd Year of the Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar since October 2011 to date.
8. Working as an Internship coordinator for the students of DVM Final Year of the Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar since September 2012 to date.
9. Working as an Incharge of Parasitology Laboratory (Deptt. Animal Health), FAHVS, The university of Agriculture Peshawar since May, 2011.
10. Working as an Incharge of Information Resource centre for Zoonotic diseases (Deptt. Animal Health), FAHVS, The university of Agriculture Peshawar since 9th April 2013 to date.
11. Working as disease investigator for parasitic diseases for the students of clinical sciences and outdoor patients.
12. Worked as a coordinator for the arrangement of annual study tours of the faculty students 2011 and 2012.

c). Trainings Received

Organized by	Title of Training	Type of Training	Venue	Duration
Barani Areas Development Project-II	Gender Planning Monitoring and evaluation	Lectures and workshop	Pakistan Academy for Rural development	21-26 May, 2007
Department of L&DD Peshawar	Service delivery and social audit	Lectures and workshop	Pakistan Academy for Rural development	2-3, March; 2008
PSF/UAP	SPSS & Res. Methodology	✓	Animal Nutrition	2-3 March, 2017
PSF	Project formulation workshop	✓	University of Agriculture Peshawar	27-28 April, 2016.
Relief International	Biorisk Management	✓	Animal Health, The University of Agriculture Peshawar	8-12, Feb; 2016
Pakistan Academy for Rural development	Role of fish farming in Rural Development	✓	Pakistan Academy for Rural development	8-11 April; 2014.

Research Centre for Training and development	Applied quantitative Techniques & Data analysis for researchers using SPSS-U,20 and AMOS-U,20	✓	Deptt; Agricultue Economics, The University of Agriculture Peshawar	24-25, Feb; 2012
Faculty of Rural and social	Statistical facts &	✓	The University of	5-6 June, 2017
Sciences, UAP	Data analysis of child nutrition in flood hit areas of KP		Agriculture Peshawar	
Relief international	Workshop on curriculum development under the title livestock for zoonosis control program	✓	Usmania Restorant Peshawar	29-30, sept; 2014

15. RESEARCH PUBLICATIONS IN PEER REVIEW IMPACT FACTOR JOURNALS

1. Z. Masooda 慕, Y. Gulb, H. Gula , H. Zahidc , Safiad, **M.A. Khan** , H. U. Hassanf , W. Khang * 慕, N. Gulh, A. Ullahi. Assessments of some trace metals in water samples of nursery pond of Grass Carp (*Ctenopharyngodon idella*, Valenciennes, 1844) in Bannu Fish Hatchery of Khyber Pakhtunkhwa, Pakistan. *Brazilian Journal of Biology*. *Brazilian Journal of Biology*, 2023, vol. 83, e245199 | <https://doi.org/10.1590/1519-6984.245199> / (ISSN 1519-6984 (Print) ISSN 1678-4375 (Online)).
2. S. S A Shah 1 2, U Saddique 1, **M A Khan** 1, S khan1 Molecular epidemiology and phylogenetic analysis of Tams I gene of *Theileria annulata* in Khyber Pakhtunkhwa, Pakistan. *Pol J Vet Sci* 2022 Dec;25(4):625-629. Doi 10.24425/pjvs.2022.143543.
3. Shahid Niaz Khan, Rehman Ali, Sanaullah Khan, Sadia Norin, Muhammad Rooman, Noor Ul Akbar, Taj Ali Khan, Sumbal Haleem, **Murad Ali Khan** & Ijaz Ali (2021). Cystic echinococcosis: an emerging zoonosis in southern regions of Khyber Pakhtunkhwa, Pakistan. *BMC Veterinary Research* volume 17, Article number: 139 (2021).
4. Arshad Zahoor¹, Chao Yang², Yaping Yang², Muhammad Akhtar², Talha Umar², **Murad Ali Khan**³, Shakoor Ahmad³, Ganzhen Deng⁴, Meng-Yao Guo 5. MerTK negatively regulates *Staphylococcus aureus* induced inflammatory response via SOCS1/SOCS3 and Mal . *Immunobiology* 2020 Jul;225(4):151960. doi: 10.1016/j.imbio.2020.151960. Epub 2020 May 21
5. Naila Chand, Shamsullah, Rafiullah, Rifat Ullah Khan, Muhammad Mobashar, Shabana Naz, Ebrahim Rowghani and **Murad Ali Khan** (2018) Mannan oligosaccharide (MOS) in Broiler Ration during the Starter Phase: 1. Growth Performance and Intestinal Histomorphology . *Pakistan J. Zool.*, vol. 51(1), pp 173-176, 2019. DOI: <http://dx.doi.org/10.17582/journal.pjz/2018.50>.
6. Mudasir Nazar, **Murad Ali Khan**, Assar Ali Shah, Sadeeq Ur Rahman, Ikramullah Khan, Ahsan Ullah, Irfan Ullah Khan, Muhammad Shuaib (2018) . Occurrence And Transplacental Transmission Of *Anaplasma Marginale* In Dairy Cattle . *Slov Vet Res* vol; 55 (3): 183 – 91.
7. Concurrent cerebral and extra-cerebral Caprine Coenurosis: A case Report (2018). Arbab Sikandar, Muhammad Adil, Hafsa zaineb, Muhammad Arshad, Hafiz. Muhammad Ali, **Murad Ali Khan**, Tauseef urehman. *Pak. J. life soc. Sci.* 16(1):55-58.
8. Sartaj Aziz, Syed Fahad Shah, Fazli Amin, **Murad Ali Khan** and Mushtaq Ahmad. MS . Taxonomic study of arthropod pests of livestock in district Peshawar, Khyber Pakhtunkhwa" (2018). 692-PJLSS- 18 [16 No 2 of year 2018.]
9. M. K. Shah, *U. Sadique, S. Ahmad¹, S. Qureshi, S. U. Rahman, Z. U. Hassan, **M. A. Khan**, T. Ali, F. Anwar, H. Khan and H. Khan (2017). Molecular identification and comparative antimycoplasmal activity of three indigenous medicinal plants against mycoplasma putrefaciens isolated from sheep. *The Journal of Animal & Plant Sciences*, 27(5): 2017, Page: 1543-1551.
10. Worm meal: a potential source of alternative protein in poultry feed (2016) S. KHAN¹, S. NAZ^{2*}, A. SULTAN¹, I.A. ALHIDARY³, M.M. ABDELRAHMAN³, R.U. KHAN³, 1, N.A. KHAN¹, **M.A. KHAN¹** and S. AHMAD¹ . *World's Poultry Science Journal*. 72 (93-102).
11. Zahir Shah*, Shakoor Ahamd, Mian Saeed Sarwar, **Murad Ali Khan** and Javid Ali. Surgical Intervention of Umbilical Hernia in Dairy Cross Holstein Friesian Calf (2016). *Meat Sciences and Veterinary Public Health*, 1(1): 1-3
12. Hussain Shah, Muhammad Zahid, **Murad Ali Khan**, Arif Jan, Abdul Haseeb and Rooh Ullah (2015). Detection of Gastrointestinal Helminthiasis through Coprological Examination in Small Ruminants in and Around Agriculture University Peshawar, Pakistan. *World Journal of Zoology* 10 (3): 211-215, 2015.
13. **Khan, M. A.***, A. H. Shah, A. Maqbol², S. B. Khan¹, U. Sadique³ and M. Idress (2013). Study of *Tecomella undulata* G. Don. methanolic extract against *Sarcoptes scabiei* In vivo and in vitro. *The Journal of Animal and Plant Sciences*, 23(1 Suppl.): 2013, Page: 47-5, 23(1 Suppl.): 2013, Page: 47- 53 .ISSN: 1018-7081 (Impact factor: 0.585)
14. Khan, S. B., U. Sadique, F. A. Khan, I. Ahmad, Z. U. Rehman, **M. A. Khan**, M. Idrees¹ and Z. Shah (2013). Factors

affecting efficacy and immunological response of peste des petits ruminants (ppr) vaccines in small ruminants. The Journal of Animal and Plant Sciences, 23(1 Suppl.): 2013, Page: 43-46. ISSN: 1018-7081 (Impact factor: 0.585)

15. Shah, Z.*, A. B. Kalhore¹, A. B. Kachiwal¹, I. Ahmad, H. Sattar, **M. A. Khan**, Z. U. Rehman, F. A. Khan, T. Hussain, H. A. Ullah (2013). Comparative studies on sedative and analgesic effects of Xylazine and Detomidine in Goats. The Journal of Animal and Plant Sciences, 23(1 Suppl.): 2013, Page: 39-42 ISSN: 1018-708. (Impact factor: 0.585)
16. Muhammad Tariq, Zahid Khan, Muhammad Arif, Kawsar Ali, Muhammad Waqas, Khalid Naveed, Murad Ali, **Murad Ali Khan**, Bushra Shafi and Muhammad Adnan (2013). Effect of nitrogen application timings on the seed yield of brassica cultivars and associated weeds. Pak. J. Weed Sci. Res., 19(4): 493-502. (Y-HEC recognized journal).
17. Zia ur Rahman Awan, Hafiz Tayyeb Ali Shah, Abdul Haleem Shah, **Murad Ali Khan** and Muhammad Suleman (2012). Malaria Among the Students of Religious Schools of Bannu District, Khyber Pakhtunkhwa, Pakistan. Pak J. Zool., 44(4): 959-962. (Impact factor: 0.338).
18. **M. A. Khan** • I. Jones • E. Loza-Reyes • M. M. Cameron • J. A. Pickett • M. A. Birkett (2012). Interference in foraging behaviour of European and American house dust mites *Dermatophagoides pteronyssinus* and *Dermatophagoides farinae* (Acari: Pyroglyphidae) by catmint, *Nepeta cataria* (Lamiaceae). *Exp Appl Acarol* ;57:65–74. (Impact factor: 1.777)
19. Zia ur Rahman Awan, Abdul Karim Khan, Abdul Haleem Shah, Muhammad Suleman and **Murad Ali Khan** (2012). Assessment of Malaria Prevalence Among School Children in Rural Areas of Bannu District Khyber Pakhtunkhwa, Pakistan *PJZ.*, vol. 44 (2):358-360. (Impact factor: 0.338).
20. **M. A. Khan**, A. H. Shah, A. Maqbol, N. Khan and Z. U. Rahman (2012). Miticidal activity of methanolic extract of *Vitex negundo*-lam against *Sarcoptes scabiei* in animals and man The Journal Of Animal And Plant Sciences, 22(2 suppl.): 102-107. (Impact factor: 0.585)
21. N. Khan, N. W. Khan, S. A. Khan, **M. A. Khan** and K. B. Marwat (2012). Combined effect of nitrogen fertilizers and herbicides upon maize Production in Peshawar. *J Anim Plant Sci*, 22(Sup 2): 12-17. (Impact factor: 0.585).
22. **Murad Ali Khan**, Abdul Haleem Shah, Azhar Maqbool, Shakoor Ahmad, Ziaurrahman and Abdulwahab (2011). Epidemiological survey of scabies skin disease in animals and men among different migrant camps in KPK (Pakistan). *IJCRB*; 2(3):1378-1391. Interdisciplinary journal of contemporary research in business (IJCRB) (Impact factor: 0.83)
23. Masood Akhtar, **Murad Ali Khan**, M. Abdulhafeez, Imranul jaffer zaffer, Ahsanul haq, Iftikhar hussain and C.S. Hayat (2003). Cell mediated immunity to avian coccidiosis following administration of experimental vaccine *Pak. J. Life Soc. Sci*; 1(1):65-68. (W-Hec recognized journal).
24. Masood Akhtar, C.S. Hayat, M. Ashfaq, Iftikhar hussain, **Murad Ali Khan** and Sultan Ayaz (2000). Delayed hypersensitivity reaction as a measure of cell mediated immunity in Chicken vaccinated with sonicated coccidial oocyst. *Pak. J. Bio. Sci*. 3(7):1094-1095. (Y-Hec recognized journal)
25. Masood Akhtar, C.S. Hayat, M. Ashfaq, Iftikhar hussain, **Murad Ali Khan** and Sultan Ayaz (1999). Modified splenic cells migration inhibition test for the detection of Cell mediated immunity against coccidiosis in chickens. *Pak. J. Bio. Sci*. 2(2): 419-421. (W-Hec recognized journal).

