

## CURRICULUM VITAE

**Name** DR. MUHAMMAD SOHAIL SAJID

### PERSONAL

**Father's Name**

Faqir Muhammad Zahid

**Date of Birth**

15-03-1981 (DD-MM-YYYY)

**Domicile**

Bhakkar (Pakistan)

**N.I.D. Card No.**

36104-0490718-1

**Passport No.**

AF 5577185

**Marital Status**

Married

**Religion**

Islam

**Present Post**

Professor

Department of Parasitology, University of Agriculture, Faisalabad-38040, Pakistan  
Incharge, Molecular Parasitology and One-Health Laboratory, Department of Parasitology, University of Agriculture, Faisalabad-38040, Pakistan.

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Linked In: <https://www.linkedin.com/in/muhammad-sajid-49901321/>

Google Scholar: <https://scholar.google.com/citations?hl=en&user=1hIED4AAAAAJ>

Publons (Web of Science): Researcher ID – A-1877-2013;

<https://publons.com/wos-op/dashboard/summary/>



### EXPERIENCE (approximately 20 years)

DD-MM-YYYY		Title	Institution
From	To		
18-12-2002	24-10-2003	Teacher on per lecture basis	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
-25-10-2003	30-09-2007	Lecturer	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
01-10-2007	03-08-2015	Assistant Professor	Department of Parasitology, University of

DD-MM-YYYY		Title	Institution
From	To		
			Agriculture, Faisalabad, Pakistan
25-08-2015	06-10-2015	Look after duties of the Chairman, Department of Parasitology, UAF.	Department of Parasitology, University of Agriculture, Faisalabad
04-08-2015	21-10-2016	Assistant Professor	Climate Change Chair, U.S. Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS) / Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
22-10-2016	21-08-2017	Associate Professor (TTS)	Climate Change Chair, U.S. Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS) / Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
11-07-2017	To date	Associate Professor (TTS)	One Health Laboratory, Center for Advanced Studies in Agriculture and Food Security (CAS-AFS), and Department of Parasitology, UAF
08-09-2018	05-10-2018	Chairman (Care Taker)	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
06-10-2018	05-10-2021	Chairman	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan
16-12-2023`	To date	Professor	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan

DD-MM-YYYY		Title	Institution
From	To		
4-10-2024	To date	Chairman	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan

### EDUCATIONAL QUALIFICATIONS

Institution attended	Certificate obtained	Years attended		Division/Total Marks/Marks obtained	Major Subjects
		From	To		
University of California, Davis, USA	Post-Doctoral Training	06/2019	06/2020	Successfully completed	Epidemiology of Vector-borne Diseases
University of Southern Mississippi, Hattiesburg, USA	Post-Doctoral Training	01/2010	11/2010	Successfully completed	Molecular Entomology
University of Agriculture, Faisalabad, Pakistan	Ph.D.	2004	2007	620/509	Veterinary Parasitology
University of Agriculture, Faisalabad, Pakistan	M.Sc. (Hons.)	2002	2004	3.94/ 1 <sup>st</sup> / 920/ 802	Veterinary Parasitology
University of Agriculture, Faisalabad, Pakistan	DVM	1998	2002	3.87/ 1 <sup>st</sup> / 3880/ 3147	Veterinary Science
Govt. Emersen College, Multan, Pakistan	Intermediate	1996	1998	1 <sup>st</sup> / 869/1100	Pre-medical
Govt. Model High School Khanewal, Pakistan	Secondary School Certificate	1994	1996	1 <sup>st</sup> / 850/ 736	Science

### HONORS AND AWARDS

1. Received an award on completion of 04 day training course on “Research Capacity Building Programme for Grant Reviewers” in 2023 organized by Pak-UK Education Gateway
2. Received an award for reviewing NRPU-HEC Project Vide no. HEC(FD)/2023/3296 dated 25-10-2023
3. Received the award as an editor for publishing an international book titled “Parasitism and Parasite Control in Animals: Strategies for the Developing World”.
4. HEC approved Ph.D. supervisor vide letter No. 1630/ORIC dated March 17, 2023.
5. Received a certificate of appreciation in PUAN North Punjab Chapter reunion held on October 15, 2022.
6. Received a certificate of Award for high quality, informative grant reviewing from Coventry

University.

7. Received a certificate for participation in PUAN Country Project: "Digital Skills for STEAM Converting challenges into opportunities for COVID 19 and after" on Sunday July 31, 2022.
8. Received a certificate of appreciation for facilitating the awareness session on Antimicrobial Resistance (AMR), Antimicrobial Use (AMU), Transboundary Animal Diseases (TADs) and Herd Health Management held on 3<sup>rd</sup> June, 2022.
9. Received a certificate of appreciation for best coordination and reporting during the 5 days BRM basic Course at Pathology Lab, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
10. Received a certificate of appreciation for best coordination and reporting during the 5 days BRM basic Course at Parasitology Lab, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
11. Received a certificate of appreciation for services in collaboration between the University of Agriculture, Faisalabad and Association for Biorisk Management.
12. Received an Honorarium for Evaluation of PARB Project. Vide No. PARB/TWG/748, dated: 16-03-2022.
13. Received a certificate for participation in Three-day Workshop (November 25-27, 2021) on Establishing Zoonoses Control Committees for Integrated Surveillance, Detection and Reporting of High Risk Pathogens in Punjab to Enhance One Health Capacity for Biorisk Management.
14. Invited as Guest Speaker at Riphah International University, Lahore to deliver a Lecture on "The Significance of Parasitology" Vide No. Rcvets/369; dated: 12-03-2019.
15. Got appreciation letter by the HEC, Pakistan on successful completion of the project titled "Phytotherapy: An Easy and Economic Way to Cure Gastro-Intestinal Parasites in Sheep" Vide No.20-2666/R&D/NRPU/HEC/2012/917, dated: February 26, 2019.
16. Merit scholarship throughout under- and post-graduate studies.
17. First division throughout the academic career.
18. Received a certificate of "Excellent Participation" in "Intermediate High-Advanced English as Second Language (ESL) Level" from the Woodland Adult Education, Woodland, CA, USA on December 12<sup>th</sup>, 2019.
19. Received a certificate of appreciation for winning of research project under Agricultural Linkages Program (ALP)-2018 from Office of Research, Innovation and Commercialization (ORIC), University of Agriculture, Faisalabad.
20. Received a certificate of appreciation for winning of research project under National Research Programme for Universities (NRPU)-2018 from Office of Research, Innovation and Commercialization (ORIC), University of Agriculture, Faisalabad.
21. Received a Certificate from DICE in collaboration with connect and PCST October 01-02, 2013 at University of Gujrat, Pakistan.
22. Received a certificate of appreciation for working as a coordinator UAF University of Tennessee, USA Training Program 2016 at Malaysia presented by Dean, Faculty of Veterinary Science, University of Agriculture, Faisalabad (UAF), Pakistan.
23. Received a research productivity award (RPA) in D-category for the year 2014-15 from "Pakistan Council for Science and Technology (PCST)", Ministry of Science and Technology, Pakistan.
24. Received a Certificate of Honor from the Dean, Faculty of Veterinary Science, UAF, Pakistan for Focal Person, Teaching and Research Promotion Committee for the year 2014-2015
25. Organized a workshop on "Advances in the Ticks and Tick-borne Disease Prevention" held from August 5-7, 2014, at the UAF under the auspices of project titled "Arthropod functional genomics initiative: building community resources for animal health" funded by the Higher Education Commission, Pak-US Science and Technology Cooperation (Phase IV).
26. Received a Certificate of Appreciation for participating in AgMIP-Pakistan Kickoff Workshop Phase II & International Seminar on Risk Management in Agriculture on November 28, 2015.
27. Received a Certificate of Honor from the Dean, Faculty of Veterinary Science, UAF, Pakistan for Focal Person, Teaching and Research Promotion Committee for the year 2014-2015
28. Received a letter of Honor for the University for Bronze Medal in National Badminton Championship 2015 held at University of the Punjab, Lahore from 5-9 August, 2015
29. Received a letter of Honor for the University for Bronze medal in Inter Varsity Badminton Boys Final Round Championship held at NED University of Engineering and Technology, Karachi from 29th April to 5th May 2015

30. Received a Certificate of Participation from the Dean, Faculty of Veterinary Science, UAF for participated as Convener in Annual Functional, 2015 held on June 17, 2015
31. Received Research Productivity Award (RPA) worth Rs. 50,000/- (G-category) for the year 2013-14 from "Pakistan Council for Science and Technology (PCST)", Ministry of Science and Technology, Pakistan.
32. Organized a symposium on "Ticks and Tick-Borne Diseases" on March 15<sup>th</sup>, 2014.
33. Received a letter of appreciation from the Vice Chancellor, UAF for commitment of work in the Pakistan Journal of Agricultural Sciences for its impact factor during 2012.
34. Received a cash award of Rs. 13700/- (2<sup>nd</sup> among the Faculty ranking) from the Dean, Faculty of Veterinary Science, UAF, for performance during the year 2012-13.
35. Received Research Productivity Award (RPA) (F-category) for the year 2012 from "Pakistan Council for Science and Technology (PCST)", Ministry of Science and Technology, Pakistan.
36. Won second prize in the poster competition on The World Camel Day, UAF, Pakistan on June 22, 2012. (Alvi et al., 2012).
37. Won second position (certificate and cash prize worth Rs. 2000/-) in the poster presentation contest of 80 participants in the SAARC Regional Conference on "New Frontiers in Agricultural Genomics and Biotechnology" p. 95, held from June 5-7, 2012 at Hotel Marriott, Islamabad, Pakistan, Organized by the Pakistan Agricultural Research Council (PARC), National Agricultural Research Centre (NARC), and National Institute of Genomics and Advanced Biotechnology (NIGAB), Pakistan
38. Received a research productivity award (RPA) (G-category) for the year 2011 from "Pakistan Council for Science and Technology (PCST)", Ministry of Science and Technology, Pakistan.
39. Received Research Productivity Award (RPA)-2010 worth Rs. 50,000/- from "Pakistan Council for Science and Technology (PCST)", Ministry of Science and Technology, Pakistan.
40. Received a certificate of honor for the Convener, Student Activity Training and Program Conduct Committee, Grand Annual Gala-2008 from the Dean, Faculty of Veterinary Science, UAF, Pakistan.
41. HEC approved Ph.D. supervisor vide letter No. 1-30/HEC/HRD/2008/37-12 dated March 07, 2008.
42. Received a certificate of China in Classroom Award in recognition of winning 3<sup>rd</sup> prize in the "Quiz Rumble from the Bureau for external cultural relations, Ministry of Culture, public relations, China. [www.chinaculture.org](http://www.chinaculture.org), December 13, 2006.
43. Received a certificate for Participating in Intra-departmental Cricket Tournament of Veterinary Parasitology, UAF, Pakistan.
44. Received a certificate as a chief organizer of Intra-departmental Cricket Tournament of Veterinary Parasitology, UAF, Pakistan.
45. Received a shield of special recognition for the Secretary, Program Conduct Committee, Grand annual gala-2006 from the Dean, Faculty of Veterinary Science, UAF, Pakistan.
46. Received certificate of excellence for third position in cleanliness and maintenance competition of hostels of Component-A, on the eve of Independence Day-2004 from the Vice Chancellor, UAF in an Annual Function of the Office of the Hall Warden held on March 23, 2006.
47. Received a shield for presenting a scientific paper in the 1<sup>st</sup> Kashmir International Science Conference, from the Vice Chancellor, University of Azad Jammu and Kashmir, Muzaffarabad, Azad Kashmir, September 20–21, 2005
48. Received a "special recognition award" for co-curricular activities-2005 from Dean, Faculty of Veterinary Science, UAF, Pakistan.
49. Received the certificate of honor for Member, Program Conduct Committee, Annual Function–2005, from the Dean, Faculty of Veterinary Science, UAF, Pakistan.
50. Received the certificate of Member, Faculty Sports Advisory Council (folk games), for the year 2004, from the Dean, Faculty of Veterinary Science, UAF, Pakistan.
51. Received the certificate of honor and Award of honor from the Dean Faculty of Veterinary Science, UAF, for the best seminar presentation in the Faculty, 2004.
52. Received the certificate of honor from the Chief Organizer, Co and Extra-Curricular Activities, Faculty of Veterinary Science, UAF, for Member, Program Conduct Committee (Annual Function FVS), 2004.
53. Awarded for the indigenous Ph.D. scholarship 2004–2007 (Phase II) by Higher Education Commission, Pakistan.
54. Received a certificate of reporter in the "Seminar on Ethno veterinary Medicine: Potentials and

- Challenges". Held at UAF, Pakistan March 10, 2003
55. Received certificate of honor from the Dean, Faculty of Veterinary Sciences, UAF for 2<sup>nd</sup> Position in Class during 2001 and 2002.
  56. Received **SILVER MEDAL** and certificate from Lt. Gen. Mr. Khalid Maqbool, Chancellor, UAF for 2<sup>nd</sup> position in the D.V.M. degree (2002).
  57. Received the certificate of honor from the Senior Tutor, UAF, Pakistan for serving as a Joint Secretary of the Tutorial Group Y, 1998–2002.

## SKILLS

1. Excellent oral and written communications skills.
2. Excellent interpersonal and presentation skills.
3. Time, project and budget management skills as appropriate.
4. Ability to work independently and as part of a team
5. Ability to work with little supervision.
6. Excellent organisational and time management skills and a systematic approach to problem solving, work programming, record keeping and documentation.
7. Good IT skills including experience with databases (MS Access).
8. Good data handling skills: the ability to work with large and complex datasets.
9. Scientific creativity and Self-motivation.
10. Ability to accept collegiate responsibilities and act accordingly.
11. Production of publications

## CONFERENCES/ SEMINARS/ SYMPOSIA/ WORKSHOPS ATTENDED/WEBINARS

### National

#### CONFERENCES

Sr. #	PERIOD		TITLE	Place & Organizer
	FROM	TO		
1.	November 13-15, 2024		First International Microbiology Conference (IMC)	Institute of Microbiology, Government College University Faisalabad
2.	September 12-14, 2024,		Sixth International Conference on Emerging Trends in Bioinformatics & biosciences (ICETBB-2024), Hazara University, Mansehra, Pakistan.	Department of Bioinformatics, Hazara University, Mansehra, Pakistan.
3.	October 9-10, 2024		International Parasitology Conference Paracon (2024) tackling food security challenges	Department of Parasitology, University of Veterinary & Animal Sciences, (UVAS) Lahore Pakistan.
4.	May 27-29, 2024		International Conference on Biodiversity and Biosafety (ICBB)	University of Agriculture, Faisalabad, Pakistan
5.			International Layer Quality Conference, 2024	World Poultry Science Association (WPSA) With Animal Husbandry, University of Agriculture Faisalabad
6.	August 05-06, 2023		The Climate Change Emergency: Pakistan in the 21 <sup>st</sup> Century and the Road to COP-28	Marriott Hotel, Islamabad, PUAN-USEFP
7.	August 21-25, 2023		Promoting Critical Thinking through STEM-Science, Technology, Engineering and Math	Kohsar University Murree and Pakistan US Alumni Network
8.	July 21, 2023		The importance of surveillance vectors and vector for the control and elimination of vector-borne diseases	Tropical Medicine Postgraduate Program, Faculty of Medicine, Public Health and Nursing, Universitas Gajah Mada

Sr. #	PERIOD		TITLE	Place & Organizer
	FROM	TO		
9.	June 15, 2023		World Dengue Day	Pakistan Society of Internal Medicine (PSIM)
10.	August 03-05, 2023		International Conference on Food and Applied Sciences	SBBU, Sheringal DIR Kumrat
11.	December 17, 2022		National Reader Conference	Read Pakistan
12.	November 07-08, 2022		1 <sup>st</sup> International PKNC Conference: Nutrition and public health for developing economies; strategies & sustainable solutions	Pak-Korea Nutrition Centre & Faculty of Food, Nutrition & Home Sciences, University of Agriculture, Faisalabad
13.	November 07-09, 2022		Climate change: Impacts and Solutions	University of Agriculture, Faisalabad
14.	September 15-17, 2022		4 <sup>th</sup> International conference on emerging trends in bioinformatics and biosciences	Department of Bioinformatics Hazara University Mansehra, Pakistan
15.	June 15-17, 2022		Climate Smart Agriculture: Innovations and Adaptations	Faculty of Agriculture, University of Poonch Rawalakot.
16.	February 9&10, 2022		Climate Change and Dengue Fever in the Era of COVID-19	Department of Biosciences, COMSATS University, Islamabad, Pakistan
17.	March 27-30, 2019		1 <sup>st</sup> International Conference on Agricultural and Biological Sciences, Focusing Food Security and Climate Change	Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan
18.	April 3-5 <sup>th</sup> , 2019		1 <sup>st</sup> International Conference on "Microbiology, Infectious Diseases and Health Safety"	Asif Memorial Hall, University of Swabi, KPK, Pakistan
19.	October 8-9, 2018		International Conference on Climate Smart Agriculture: The Way of Farming for 21 <sup>st</sup> Century	Organized by Department of Agronomy, Faculty of Agriculture & Environmental Sciences, Muhammad Nawaz Sharif University of Agriculture, Multan.
20.	March 21-22, 2018		1 <sup>st</sup> International Conference on Health and Environment	Organized by Department of Home and Health Sciences, Allama Iqbal Open University, Islamabad.
21.	Jan 17-18, 2018		Dairy Animal Health Challenges	Faculty of Veterinary Science, University of Agriculture, Faisalabad.
22.	October 25-26, 2017		Recent Advances and Emerging Issues in Parasitology	Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan
23.	May 02-04, 2017		1 <sup>st</sup> International Conference on Climate Change and Biodiversity	Cholistan Institute of Desert Studies, The Islamia University of Bahawalpur
24.	March 30-31, 2017		Foods of Animal Origin	National Institute of Food Science & Technology (NIFSAT), Faculty of Food, Nutrition & Home Sciences, University of Agriculture, Faisalabad..
25.	February 28 – March 02, 2017		37 <sup>th</sup> Pakistan Congress of Zoology (International)	Government College University, Faisalabad
26.	December 8-10, 2016		Sustainable Crop and Animal Production Systems	Pakistan Agriculture Scientist Forum, The University of Haripur, Haripur
27.	November 28-30, 2016		Thinking Climate Change Adaptation in Water and Farming" Think-Adapt	Climate Change Centre, The University of Agriculture, Peshawar

Sr. #	PERIOD		TITLE	Place & Organizer
	FROM	TO		
28.	November 23-24, 2016		National Conference on Sustainable Management and Control of Fruit Fly Infestation	Climate Change Chair, US-Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS), New Senate Hall, University of Agriculture, Faisalabad
29.	April 1, 2016		National Conference of Climate Change and Plant Biodiversity	Government College University, Faisalabad (Sahiwal Campus), Sahiwal, Pakistan
30.	November 21, 2015		National Conference on Global Climate Change: Implications and Management Strategies	Ambassador Hotel Lahore, Pakistan
31.	October 29-31, 2015		5 <sup>th</sup> International Multidisciplinary Conference	Science International in collaboration with Imperial College of Business Studies, Lahore
32.	September 07 2015		Citizenship Education and Community Engagement	Office of Research Innovation and Commercialization University of Agriculture, Faisalabad
33.	September 04-06, 2015		4 <sup>th</sup> International Molecular Biology and Biotechnology Congress and Conference on Life Sciences Research	Al-Nafees Medical College and Hospital, Isra University, Islamabad, Pakistan
34.	February 25-27, 2014		34 <sup>th</sup> Pakistan Congress of Zoology (International)	Bahauddin Zakariya University, Multan
35.	April 2-4, 2013		33 <sup>rd</sup> Pakistan Congress of Zoology (International)	Pakistan Museum of Natural History, Islamabad and PMAS Arid Agriculture, University, Rawalpindi
36.	December 19-21, 2013		International Camel Conference-2013	The Islamia University of Bahawalpur, Pakistan
37.	July 11-13, 2012		International Science Conference on Agriculture and Food Security Issues in Global Environmental Perspectives	Faculty of Agriculture, Rawalakot
38.	February 21-22, 2011		International Conference on Sustainable Approaches for Pest and Vector Control Management in Pakistan	Zoological Society, Department of Zoology, Lahore College for Women University, Lahore in Collaboration with WWF
39.	September 26-27, 2003		2 <sup>nd</sup> National Livestock and Poultry Congress	Aiwan-e-Iqbal, Lahore organized by PVMA (Punjab zone)
40.	December 25 – 28, 2002		33 <sup>rd</sup> All Pakistan Science Conference	Organized by Pakistan Association for the advancement of Science at the University of Agriculture, Faisalabad,

#### SEMINARS AND SYMPOSIA

1.	June 6, 2024	Climate change youth mobilization	University of Agriculture Faisalabad, Pak US alumni Network (PUAN) North Chapter
2.	March 20-21, 2023	6 <sup>th</sup> International Conference and Industrial Exhibition Camelids: Parallel Social Enterprise for the Vulnerable	Faculty of Veterinary and Animal Science & Dairy Science Park, Secure All Pakistan & Camel Association of Pakistan (CAP), The Islamia University Bahawalpur
3.	June 9-10, 2022	Participation in Hands on Training Workshop Cum Seminar on "Ticks and Tick-Borne Diseases	Molecular Parasitology Lab and One Health Lab, Department of Parasitology, University of Agriculture, Faisalabad.
4.	Nov 03, 2021	Participated as Invited Panelist on World One Health Day	Faculty of Veterinary Science, University of Agriculture, Faisalabad
5.	Jan 12, 2021	2021 Virtual annual meeting of	Northeast Regional Centre for Excellence in



		the Northeast Regional Centre for Excellence in Vector-Borne Diseases	Vector-Borne Diseases
6.	December 14, 2020	Advance molecular techniques: An insight view on trouble shooting and primer designing in clinical diagnostics	Department of Clinical Sciences, University of Veterinary and Animal Sciences sub campus Jhang
7.	March 12, 2019	invoke-2019 An Innovative Ideas Competition	ORIC, University of Agriculture, Faisalabad.
8.	March 19-20, 2019	Biosafety Measures in Agriculture: Issues and options	ORIC, University of Agriculture, Faisalabad in collaboration with Punjab Agricultural Research Board (PARB)
9.	April 10, 2018	Hum Tax Kyoum Dain	ORIC, University of Agriculture, Faisalabad.
10.	Feb 27, 2018	Seminar on Hepatitis B and C in Pakistan	Faculty Museum, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
11.	August 8, 2016	One-Health	US-Pakistan Center for Advanced Studies in Agriculture and Food Security, University of Agriculture, Faisalabad
12.	November 28, 2015	AgMIP-Pakistan kick of Workshop Phase-II and International Seminar on Risk Management in Agriculture	Agro-climatology Lab, Department of Agronomy, University of Agriculture, Faisalabad
13.	March 15, 2014	One day Symposium on the Tick and Tick-borne Diseases	Molecular Parasitology Lab, Department of Parasitology, University of Agriculture, Faisalabad
14.	January 30 <sup>th</sup> , 2012	One-day Symposium on "DNA Barcoding: A promising tool for species identification and biodiversity digitization"	The National Institute for Biotechnology and Genetic Engineering (NIBGE) Faisalabad.
15.	March 17, 2011	One day Symposium on Livestock Production – National and Global Prospective	Nestle Hall, University of Agriculture, Faisalabad, Organized by Faculty of Veterinary Science, and Faculty of Animal Husbandry, University of Agriculture, Faisalabad, Pakistan
16.	March 06, 2008	National Seminar on Animal Health-Reflections and Future Horizons	University of Agriculture, Faisalabad, Pakistan organized by Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan in collaboration with Higher Education Commission, Islamabad, Pakistan
17.	March 10, 2003	Seminar on Ethno-veterinary Medicine: Potentials and Challenges	University of Agriculture, Faisalabad, Pakistan. Organized by Department of Veterinary Parasitology, University of Agriculture, Faisalabad, Pakistan

**WEBINARS**

1.	July 11, 2023	Haematopinus tubercuatus (Pthiraptera: Haematoponidae) in Bubalus bubalis: Epidemiology and Therapeutic effectiveness of a synthetic pyrethroid	7 <sup>th</sup> International Conference of Pthiraptera (ICP7), Whova
2.	September 30, 2022	Vector-Borne Diseases and its Pathogens in Tropics and Subtropics Areas: Knowledge and Gaps	Organized by OHIR, Hong Kong

**WORKSHOPS**

3.	December 10, 2024	Arthropods and Arthropod-borne Diseases”	Molecular Parasitology & One health Lab, FVS University of Agriculture, Faisalabad.
4.	August 7-21, 2024	Post Induction Training and Professional Development for Young Faculty	Director of Academics & Teaching Resource center, University of Agriculture, Faisalabad
5.	February 20-21, 2024	Two day workshop on research methodology for research scholars	Faisalabad Medical University
6.	January 01, 2024	Training on National Agriculture Education Accreditation Council Program Evaluator	Organized by National Agriculture Education Accreditation Council Program Evaluator, HEC Islamabad
7.	February 21-23, 2023	Research Methods and SPSS	Faisalabad Medical University, Faisalabad
8.	December 14-15, 2022	Climate Change adaptation in agriculture	CAS-AFS, University of Agriculture, Faisalabad
9.	June 30, 2022	Capacity Building of Scientists in Advanced Diagnostic Techniques for Identification of Ticks and Tick Borne Diseases	Department of Wildlife and Ecology, UVAS, Ravi Campus, Pattoki & Department of Parasitology, UVAS, Lahore
10.	June 2-3, 2022	Study Designs and Analysis in Biomedical Research	Department of Epidemiology and Public Health.
11.	June 9-10, 2022	Resource Person in Hands on Training Workshop Cum Seminar on “Ticks and Tick-Borne Diseases	New Senate Hall, University of Agriculture, Faisalabad.
12.	April 11-15, 2022	Participated in 05 days BRM basic Training	Pathology Lab, FVS, University of Agriculture, Faisalabad.
13.	March 29- April 02, 2022	Participated in 05 days BRM basic Training	Parasitology Lab, FVS, University of Agriculture, Faisalabad.
14.	September 13-17, 2021	Participated in training course on “Complete Project Management Cycle”	Pakistan Planning and Management Institute (PPMI)
15.	June 29 <sup>th</sup> , 2021	Pathobiology & Molecular Epidemiology of Chicken Infectious Anemia & Infectious Bronchitis (IB) in Commercial Poultry & Immunopathogenesis of IB Variants	Department of Pathology, Faculty of Veterinary Science, University of Agriculture, Faisalabad
16.	June 19 <sup>th</sup> , 2019	Hands-on training workshop cum seminar on mosquitoes and mosquito-borne diseases	Department of Parasitology, Faculty of Veterinary Science, UAF
17.	February 13 <sup>th</sup> , 2019	National One-day Hands on Training Workshop on Lab Biosafety and Biosecurity	Department of Pathobiology, College of Veterinary and Animal Sciences, Jhang
18.	January 31, 2019	One Day Hands on Training on Laboratory Diagnosis of Parasitic Infections	Department of Parasitology, UAF and Department of Pathobiology, College of Veterinary and Animal Sciences, Jhang
19.	November 20, 2018	Training on QEC Self-Assessment Proforma	New Senate Hall, University of Agriculture, Faisalabad
20.	July 9-13, 2018	Pakistan One Health Fellowships Planning Symposium	National Academy of Sciences, USA organized at Bangkok, Thailand

21.	April 11, 2018	Climate Smart Agriculture in Punjab	Coral Hall, Park Lane Hotel 107 M.M. Alam Road, Lahore, Pakistan
22.	Feb 15, 2018	Enrichment in Scientific Writing Skills	College of Veterinary and Animal Sciences, Jhang.
23.	December 12-14, 2017	Training Workshop on English for Academic Purposes under Transforming English Language Skills (TELS)	University of Agriculture, Faisalabad
24.	July 17-19, 2017	Statistics for Veterinary and Animal Sciences using "R" software	Sponsored by Endowment Fund Secretariat, UAF and organized by Department of Mathematics and Statistics, University of Agriculture, Faisalabad.
25.	December 20-22, 2016.	AgMIP-Pakistan Mid Term Workshop Phase II and Hands on Training of ToA-MD	AgMIP-Pakistan, University of Agriculture, Faisalabad
26.	November 14-15, 2016	Digital Tools for Effective Teaching	USPCAS-AFS, at DLC-2, University of Agriculture, Faisalabad
27.	October 18-21, 2016	Hybrid Course Design and Development	National Institute of Food Science and Technology, UAF, U.S.-Pakistan Center for Advanced Studies in Agriculture and Food Security
28.	August 30 – September 1, 2016	Agriculture Production System Simulator (APSIM) Modeling	DLC-2, University of Agriculture, Faisalabad, Pakistan organized by U.S.-Pakistan Center for Advanced Studies in Agriculture and Food Security
29.	March 27 – 28, 2015	Bioactive Peptides/ Proteins	Department of Biochemistry, University of Agriculture, Faisalabad
30.	March 28, 2015	SAS and R Software	Video Conference Room, Faculty of Agriculture, University of Agriculture, Faisalabad
31.	March 31, 2015	Zoonotic Vector-Borne Pathogens	Institute of Microbiology, University of Agriculture, Faisalabad
32.	Nov. 30-Dec. 4, 2015	International Workshop on Climate Change-Resilient Agriculture System	DLC-2, University of Agriculture, Faisalabad, Climate Change Chair Under US-Pakistan Center for Advanced Studies in Agriculture and Food Security, University of Agriculture, Faisalabad, Asian Productivity Organization, National Productivity Organization, Ministry of Industries & Production, Govt. Pakistan
33.	August 15, 2015	"Writing Graduate Group Bylaws" by Prof. Thomas L. Rost	University of Agriculture, Faisalabad
34.	June 01-03, 2015	Program Development Workshop Active Citizens Programme in Universities	British Council, University of Engineering and Technology, Lahore.
35.	August, 5-7, 2014	Advances in Tick & Tick- borne Diseases Prevention	Molecular Parasitology Lab, Department of Parasitology, University of Agriculture Faisalabad
36.	January 16-17, 2014	AgMIP-Pakistan Mid-term Workshop and International Seminar on Climate Change Adaptation Strategies to ensure Food Security	University of Agriculture, Faisalabad

37.	February 3 – 5, 2014	High Impact Train the Trainer (HITTT)	Organized by Institute of Business Management Sciences and Office of Research Innovation and Commercialization, University of Agriculture, Faisalabad
38.	November 18-20, 2013	2 <sup>nd</sup> International Workshop on Dairy Science Park	The University of Agriculture, Peshawar
39.	Dec 3 – 4, 2013	Project Formulation Workshop	University of Agriculture, Faisalabad, Organized by Pakistan Science Foundation, Islamabad.
40.	January 30, 2012	“DNA Barcoding: A promising tool for species identification and biodiversity digitization”	National Institute for Biotechnology and Genetic Engineering (NIBGE) Faisalabad.
41.	July 18-23, 2011	“Experimental Design and Data Analysis Using SAS”	The Department of Statistic and Computer Science, University of Veterinary and Animal Sciences, Lahore, Pakistan in collaboration with Jackson State University, Jackson, MS, USA under a USAID project.
42.	June 08 – 14, 2011	Imparting Practical Training in Molecular and Biochemical Techniques	Department of Chemistry and Biochemistry, University of Agriculture, Faisalabad with financial support from USDA through Endowment Fund Secretariat, University of Agriculture, Faisalabad, Pakistan
43.	March 28, 2011	One day workshop on “How to write a winning research proposal”	The Department of Social Sciences and Humanities in collaboration with the Directorate of Research Innovation and Commercialization, University of Agriculture, Faisalabad, Pakistan.
44.	December 29, 2010 to January 8, 2011	Fighting parasitism with non-traditional methods: workshops, trainings, meetings on novel/International approaches for diagnosis and control of parasites; development of curricula and exploring possibilities of collaboration with US Universities	Department of Parasitology, University of Agriculture, Faisalabad, Pakistan with financial support from USDA through Endowment Fund Secretariat, University of Agriculture, Faisalabad, Pakistan
45.	February 13-14, 2006	National Workshop on “Role of Insect Taxonomy and Systematics in Sustainable Agriculture”, Islamabad, Pakistan	National Insect Museum (NIM), Pakistan Agricultural Research Council (PARC), Islamabad
46.	Sep. 20-Oct 01, 2004	32 <sup>nd</sup> Postgraduate Training Course on Nuclear and Other Advance Techniques in Agriculture and Biological Research	Nuclear Institute for Agriculture and Biology, Faisalabad, Pakistan

## International

### CONFERENCES

Sr. No	PERIOD		TITLE	Place & Organizer
	FROM	TO		
1.	November 08, 2023		International Conference on Climate Smart Agriculture	APO Japan
2.	October 17-19, 2017		Transformation Through Improving Livelihoods	Faculty of Veterinary Medicine, Jordan University of Science and Technology, Jordan.

Sr. No	PERIOD		TITLE	Place & Organizer
	FROM	TO		
3.	February 13-March 13, 2017		Mevlana Academic Exchange Program	Selcuk University, Veterinary Faculty, Department of Parasitology, Konya, Turkey, funded by Mevlana Exchange Program, Konya, Turkey
4.	October 24-28, 2016		Agriculture and Food Risk Assessment Training Program (35 contact hours)	Center for Agriculture and Food Security and Preparedness, Institute of Agriculture, The University of Tennessee, at the JW Marriot Hotel, Thailand
5.	September 4-8, 2017		26 <sup>th</sup> International Conference of the WAAVP	Convention Center Kuala Lumpur, Malaysia. Organized by World Association for the Advancement of Veterinary Parasitology (WAAVP).
6.	March 5 – 7, 2014		6 <sup>th</sup> Asian Congress of Tropical Medicine and Parasitology	Intercontinental Hotel, Kuala Lumpur, Malaysia. Organized by Malaysian Society of Parasitology and Tropical Medicine.
7.	July 25 <sup>th</sup> to 29 <sup>th</sup> , 2012		XI European Multicolloquium of Parasitology	European Federation of Parasitologists, Cluj-Napoca, Romania
8.	August 21 – 25, 2011		23 <sup>rd</sup> International Conference of the WAAVP-2011	World Association for the Advancement of Veterinary Parasitology (WAAVP), Buenos Aires, Argentina
9.	March 21-24, 2011		Pakistan-U.S. Science and Technology Cooperation Conference-2011	Hotel Sofitel, Jumeirah Beach, Dubai Organized by National Academy of Sciences, USA.
10.	October 29-30, 2010.		American Society of Microbiology - South Central Branch, 2010 Annual Meeting	Trent Lot Building, University of Southern Mississippi, Hattiesburg, MS, USA. Organized by American Society of Microbiology-South Central Branch, USA.
11.	Feb 10-12, 2010		74 <sup>th</sup> Annual Meeting of The Mississippi Academy of Sciences (MAS)	Lake Terrace Convention Centre, Hattiesburg, Mississippi, USA. Organized by Mississippi Academy of Sciences (MAS), USA supported by University of Southern Mississippi and Mississippi State University.
12.	November 02-05, 2009		35 <sup>th</sup> Veterinary Medicine and Livestock Development Annual Conference (VMLDAC) and Federation of Asian Small Animal Veterinary Association Conference -2009	Bangkok International trade and exhibition centre (BITEC), Bangkok, Thailand. Organized by Asian Small Animal Veterinary Association and Thai Veterinary Medical Association.
13.	October 18-22, 2009		6 <sup>th</sup> Asia-Pacific Congress of Entomology (APCE) 2009	Jiuhau Resort and Convention Centre, Beijing, China Organized by the Entomological Society of China, Institute of Zoology, Chinese Academy of Sciences
14.	July 27-31, 2008		29 <sup>th</sup> World Veterinary Congress	Vancouver Congress and Exhibition Centre, 999-Canada Place, Vancouver, British Columbia, Canada organized by Canadian Veterinary Medical Association (CVMA), Canada.
15.	16-20 October, 2006		3 <sup>rd</sup> International Congress on Phthiraptera	Buenos Aires, Argentina organized by Centro de Investigaciones de Plagas e Insecticidas (CITEFA/CONICET) Animal Ecology Research Group of the Hungarian Academy of Sciences, Budapest,

Sr. No	PERIOD		TITLE	Place & Organizer
	FROM	TO		
				Ludovika t. 2., H-1083 Hungary
16.	March 11-19, 2006		Kinetoplastid Diseases-2006	Dakar, Senegal and Tendaba, Gambia organized by MAN.GO.STEEN, The Netherlands.
17.	September 20–21, 2005		1 <sup>st</sup> Kashmir International Science Conference	University of Azad Jammu and Kashmir, Muzaffarabad, Azad Kashmir organized by The University of Azad Jammu & Kashmir, Muzaffarabad in collaboration with the Science International, 11 D, Sabzazar, Wahdat Road, Lahore, Pakistan

**WORKSHOPS**

1.	November 17, 2023	Sin-Pak Workshop on Control of Major Livestock Diseases	Department of Pathology, Faculty of Veterinary Science, University of Agriculture, Faisalabad and China Agricultural University.
2.	February 20, 2023	Research and Publication Ethics	Pakistan Journal of Agricultural Sciences, University of Agriculture, Faisalabad
3.	June 12 – 17, 2016	Workshop on Livestock Modelling	Funded by Agricultural Model Inter-comparison and Improvement Project Phase II. Held at University of Wageningen, The Netherlands
4.	April 25 -28, 2016	Workshop on Mainstreaming Climate Change Adaptation in Agriculture	FARS hotels and Resorts, Dhaka, Bangladesh, organized by Asian Productivity Organization, Tokyo, Japan and National Productivity Organization, Bangladesh.

**SEMINARS AND SYMPOSIA**

1.	April 05, 2022	Symposium on Ectoparasites & Zoonotic Vector-Borne Pathogens	Guangdong-Hong Kong-Macau Greater Bay Area
2.	Nov 2, 2019	6 <sup>th</sup> Annual One-Health Symposium	Organized by One Health Institute, University of California Davis at the UC-Davis Health, Education Building, Sacramento, CA, USA
3.	July 07-14, 2018	One Health Research Symposium	Organized by the National Academy of Sciences, USA at the Mandarin Hotel, Bangkok, Thailand
4.	June 27-28, 2012	Pak-China Joint Symposium on “Applications of Biotechnology in Plant and Animal Sciences”	Sindh Agriculture, University, Tandojam, Pakistan; Jointly organized by Sindh Agriculture University, Tandojam, Higher Education Commission, Islamabad and South-China Agricultural University, China

**SHORT COURSES/ TRAININGS**

1. Successfully completed the course titled “UC Cyber Security Awareness Fundamentals” at UC DAVIS on November 11, 2019.
2. Successfully completed the course titled “UC DAVIS Hazard Communication Addendum” at UC-DAVIS on August 16, 2019.
3. Successfully completed the course titled “Hazard Communication” at UC DAVIS on August 7, 2019.

4. Successfully completed the training titled "UC Laboratory Safety Fundamentals (Initial training)" on July 16, 2019.
5. Successfully completed the course titled "UC Laboratory Safety Fundamentals Refresher" on July 16, 2019.
6. Participated in two-day training of Presiding Officers and Senior Assistant Presiding Officers General Elections- 2018 organized by the Election Commission of Pakistan from July 4-5, 2018.
7. Participated in English Language Teaching Training under Transforming English Language Skills (TELS) at UAF by HEC organized by ORIC, UAF. vide No. 8293, dated 11-12-2017.
8. Participated under Mevlana Exchange Program-Academic Staff Mobility for Selcuk University, Konya, Turkey from 12-02-2017 to 14-03-2017 vide No. PS-5/468/1113-18 dated: 16-01-2017.
9. Nominated by the Dean, FVS, to participate in three days training workshop on Statistics for Veterinary and Animal Sciences using R at DLC-2, from July 17-19, 2017, organized by Department of Mathematics and Statistics, UAF. vide No. DFVS/1459, dated 24-05-2017.
10. Participated in the "Active Citizen Training of Lead Facilitators- Batch II at Embassy Lodge Hotel, Islamabad from 29 January – 3 February 2017.
11. Participated in the Community Based Prevention, Detection and Response to All Hazards Training Program held in the Renaissance Hotel, Kuala Lumpur from August 14- 19, 2016 organized by the Center for Agriculture and Food Security and Preparedness, University of Tennessee, Knoxville, USA.
12. Participated in National one day symposium on One-Health, organized by USPCAS-AFS, on August 08, 2016.
13. Successfully completed Agriculture and Food Risk Assessment Training Program (35 contact hours) offered by Institute of Agriculture, The University of Tennessee, at the JW Marriot Hotel, Thailand from October 24-28, 2017.
14. Successfully completed "Social Enterprise Basic and Advanced Level Training" by Social Enterprise Academy and British Council at Karachi, Pakistan from 24 – 28 January, 2016.
15. Participated in the training "Isolation and Quarantine Response Strategies in the Event of a Biological Disease Outbreak Training" organized by The University of Tennessee during May 29 – June 4, 2016.
16. Short course on Focus on Fecal Diagnostics on May 11, 2009 Vet Med Team LLC 2325 SW Dodge Terrace, Post St. Lucie, FL 34953.
17. EU Asia Link Project Short Course on Livestock Ecology, Sustainable Land Use and Livestock Systems from January 12-24, 2004 by Department of Veterinary Anatomy, UAF, Pakistan.
18. Participated in two days Training Program on Decisions Sport System for Agro-technology Systems from August 18-19, 2015 organized by USPCAS-AFS, UAF, Pakistan.
19. Successfully completed Hands on training on Bioinformatics (basic) from October 02-03, 2015 at Molecular Care UAF, Pakistan.
20. Successfully completed Active Citizen training of facilitators, September 07-11, 2015 at UAF, Pakistan.
21. Attended a two days training program on Decision Support System for Agro-Technology Transfer held on August 18-19, 2015 organized by USPCAS-AFS, UAF, Pakistan.
22. Successfully completed Vetmedteam ([www.vetmedteam.com](http://www.vetmedteam.com)) online course on "Focus on Fecal Diagnostics" from May 01, 2009 to May 11, 2009 sponsored by Companion Animal Parasite Council (CAPC), USA.
23. Attended a 3-months training on "Non-Tsetse transmitted trypanosomes and their drug screening methodologies" held from February 05, 2007 to May 05, 2007 in the Institute of Biomedical and Life Sciences, Division of Infection and Immunity, Glasgow Biomedical Research Centre, University of Glasgow, UK.
24. Attended and qualified the "32<sup>nd</sup> Postgraduate Training Course on Nuclear and other Advanced Techniques in Agricultural and Biological Research" held at Nuclear Institute for Agriculture and Biology (NIAB), Faisalabad from September 20, 2004 to October 1, 2004.
25. Attended and obtained a certificate of successful completion of EU Asia Link Project Short Course on "Livestock Ecology, Sustainable Land Use and Livestock Systems" Organized by University of Agriculture, Faisalabad in collaboration with Humboldt Universitat Zu Berlin, Germany from January 12, 2004 to January 24, 2004
26. Received a certificate of successful completion of short course entitled "Insecticides and their Application" July 16-29, 2003, organized by the Department of Veterinary Parasitology, UAF, Pakistan.
27. Received a certificate of successful completion of short course entitled "Chemical Compounds against Parasitic Diseases" July 16-29, 2003, organized by the Department of Veterinary Parasitology, UAF,

Pakistan.

28. Received a certificate of successful completion of short course entitled "Public Health Parasitology" August 18-30, 2003, organized by the Department of Veterinary Parasitology, UAF, Pakistan.
29. Received a certificate of successful completion of short course entitled "Preliminary Laboratory Procedures" June 18-30, 2003, organized by the Department of Veterinary Parasitology, UAF, Pakistan,
30. Received a certificate of successful completion of eight weeks training program of "Data Entry Operators" launched by Govt. of Pakistan, Ministry of Science and Technology through COMSATS Institute of Information Technology, Islamabad from October 16, 2000 to December 16, 2000 at Department of Computer Science, UAF, Pakistan.
31. Received certificate of service from Director General National Guards on rendering services as National Cadet Corps (NCC) in 1997 from Govt. College Bosan Road, Multan.

## MEMBERSHIPS OF LEARNED SOCIETIES

1. Member of community of Practice on Acaricide Resistance Management of livestock ticks Membership of Food and Agriculture Organization of the United Nations. Dated: November 21, 2022
2. Expert, Board of Studies for Physiology and Pharmacology, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, w.e.f. 25-07-2023 to date. Vide No. DFVS/2194, dated: 25-07-2023.
3. Expert, Board of Studies for Physiology and Pharmacology, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad, w.e.f. 17-01-2022 to date. Vide No. DFVS/475, dated: 17-01-2022.
4. Secretary, FVS Journal Club, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
5. -Member, American Society of Parasitology (ASP), USA.
6. Member, Entomological Society of American (ESA), USA
7. Member, Pakistan Agricultural Scientists Forum, Pakistan
8. Member, Masters in Preventive Veterinary Medicine Program, School of Veterinary Medicine, University of California, Davis, USA (2019-20).
9. Member, Board of Studies for M.Phil. Epidemiology and Public Health, Faculty of Veterinary Science, UAF, Pakistan vide No. DFVS/1506; dated: 22-05-2018.
10. Member, Board of Studies for M.Sc. (Hons.) Climate Change, Institute of Soil and Environmental Sciences, UAF, Pakistan.
11. Lifetime Member, Pakistan Society of Parasitology (PSP), University of Veterinary and Animal Sciences, Lahore, Pakistan.
12. Member, Academic Council, UAF, Pakistan w.e.f. October 21, 2016 to date.
13. Member, Reviewing Committee, Pakistan Veterinary Journal, UAF, Pakistan.
14. Member, Reviewing Committee, Journal of Agricultural Research, Directorate of Agricultural Information, Lahore, Punjab, Pakistan
15. Member, Reviewing Committee, Journal of Veterinary Diagnostic Investigation.
16. Member, Reviewing Committee, International Journal of Medicine and Medical Sciences
17. Member, International Society of Phthirapterists.
18. Member, Faculty Board, Faculty of Veterinary Science, University of Agriculture, Faisalabad 2008- 2017
19. Member, Reviewing Committee, International Journal of Agriculture and Biology, UAF, Pakistan
20. Secretary, Board of Studies, Dept. of Parasitology, University of Agriculture, Faisalabad, Pakistan (2007-2009)
21. Member, Board of Studies, Department of Parasitology, University of Agriculture, Faisalabad (2002-2007)
22. Member, Pakistan Association For the Advancement of Science, Lahore–Pakistan (2004)
23. Member, Ibn Al-Haitham monthly scientific newsletter, Ibn Al-Haitham Center for Advancement of Science & Technology, Amman, Jordan

## PROFESSIONAL EXPERTISE



1. Isolation of genomic DNA for genetic differentiation of various parasites through conventional and/or TaqMan (quantitative) PCR.
2. Extraction of total RNA from biological tissues of various parasites
3. Amplification of targeted genes (house-keeping and specie-specific) through reverse transcriptase PCR
4. Gene sequencing and BLAST analysis for homology.
5. Using bioinformatics tools for comparison of cloned sequences with the data bank.
6. *In vitro* plasmid (TOPO vector) cloning and purification of confirmed genes from biological tissues (e.g. salivary glands of ticks)
7. Maintenance of cDNA libraries from biological tissues of parasitic origin
8. Gene specific polymerization of pathogens in the arthropod vector tissues.
9. Gene specific preparation of dsRNA using purified cDNA.
10. Application of RNA interference (RNAi) technology to knock down various genes
11. Arthropod functional genomics: Post transcriptional genotypic and phenotypic expression of gene-silenced and non-silenced ticks.
12. Collection, preservation, transportation, and taxonomic identification of parasites.
13. Fecal culture techniques for procurement of larval stages of helminths.
14. Determination of immunomodulatory activities of various compounds/drugs through determination of cell mediated (Macrophage engulfment assay & dinitrochlorobenzene test), and humoral immunity (Jerne hemolytic plaque formation assay & Indirect haemagglutination assay) of experimental in experimental animals
15. Chemotherapeutic efficacy trials for evaluation of the development of drug resistance in helminths and arthropods.
16. *In vitro* culture of various parasites (arthropod-borne trypanosomes) for controlled chemotherapeutic trials using Alamar Blue Assay.
17. Planning descriptive and analytical epidemiological investigations and surveillance of parasitic diseases in a population.
18. Sampling protocols and determination of sample size for statistically reliable epidemiological investigations in a population.

#### **CO-CURRICULAR, EXTRA-CURRICULAR ACTIVITIES & ADDITIONAL SERVICES**

1. Nominated as a Committee A & K member of the arrangements of 28 Convocation 2024, by the VC, vide No. A-4/472/ 24257 dated 19-08-2024.
2. Nominated as a Committee member to investigate the retracted paper of Dr. Yasir Jamil, by VC, Endst No. Ps-5/449, dated 24-01-2024
3. Nominated as Departmental tenure review committee member for evaluation of Dr, Razia Kousar by VC, Endst No. PS-4/5852-54 dated 17-04-2024.
4. Nominated as Departmental tenure review committee member for evaluation of Dr, Muhammad Kashif Saleemi by VC, No. PS-5/517dated 06-02-2024.
5. Nominated as Departmental tenure review committee member for evaluation of Dr, Bilal Aslam by VC, No. PS-5/515dated 25-01-2024.
6. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Madiha Habib Regd. No. 2018-ag-692, Ph.D. student, Department of Chemistry, vide No. CE/PA/6815, dated: 18-11-2024
7. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Hira Altaf, Regd. No. 2013-ag-2677, Ph.D. student, Department of Parasitology, vide No. CE/PA/138, dated: 19-01-2024
8. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Zahra Rana, Regd. No. 2017-ag-3354, Ph.D. student, Department of Biochemistry, vide No. CE/PA/31, dated: 04-01-2024
9. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Nayya Waseem Dar, Regd. No. 2018-ag-579, Ph.D. student, Department of Biochemistry, vide No. CE/PA/981, dated: 14-03-2024
10. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Nayya Waseem Dar, Regd. No. 2018-ag-579, Ph.D. student, Department of Biochemistry, vide No. CE/PA/1964, dated: 16-03-2024

11. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Rabia, Regd. No. 2017-ag-9773, Ph.D. student, Institute of Microbiology, vide No. CE/PA/6657, dated: 04-11-2024
12. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Hina Nazir , Regd. No. 2006-ag-1465, Ph.D. student, Institute of Environment and Soil Sciences vide No. CE/PA/2734, dated: 24-06-2024.
13. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Monam Ishaq, Regd. No. 2016-ag-8314, Ph.D. student, Department of Plant Pathology, vide No. CE/PA/6980, dated: 28-11-2024
14. Member of, Board of Examiners for Oral Comprehensive Examination of Miss. Faiqa Tabassum, Regd. No. 2016-ag-6557, Ph.D. student, Institute of Microbiology, vide No. CE/PA/823, dated: 07-03-2024
15. Chairman, Board of Examiners for Oral Comprehensive Examination of Mr. Abdullah Azeem, Regd. No. 2013-ag-2034, Ph.D. student, Department of Parasitology vide No. CE/PA/6673, dated: 06-11-2024.
16. Nominated as President of Male sports team "Badminton" vide no. DS/2024/352 dated 09-09-2024
17. Nominated as President of Male sports team "Badminton" vide no. DS/2024/352 dated 09-08-2024
18. VC's Nominee as member of the NUMS entry test vide No. Coord/167-A/7912 dated 04-08-2024
19. V.C's Nominee as Superintendent for Invigilation on 1<sup>st</sup> Entry Test Undergraduate Programme. Vide No. DFA/4714-55, dated: 10-07-2024
20. Nominated as Member of Departments / Institutes Quality Enhancement & Evaluation Committee in Faculty of Agriculture. Vide No. 126/QEC. dated 15-03-2024
21. Assigned additional duty as a Convener committee member of scrutinize TT appointment / promotion cases by VC, Endst No. Ps-4/1472-81 dated 23-01-2024.
22. Assigned additional duty as a committee member of house allotments of Academic and administrative staff UAF year 2024.
23. Received a certificate of Participation in International Symposium on Poultry Health Challenges in Pakistan organized by Department of Pathology, FVS, UAF and WSPA, dated December 28, 2023.
24. Received a "Quality Reviewer Award" during Grant Reviewing Workshop organized by Coventry University.
25. Nominated as Focal Person for National Quiz Competition-2023 by the Dean, FVS, UAF. Vide no. DFVS/3568 dated 16-11-2023
26. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Hira Altaf, Regd. No. 2013-ag-2677, Ph.D. student, Department of Parasitology, vide No. CE/PA/11176, dated: 06-11-2023
27. Nominated as Faculty Member to participate in the National Workshop Balochistan XII. Vide no. PS-7/21696-702 dated 20-10-2023
28. Nominated as President of Badminton's Jury and Management Committee 2023-254. Vide no. SR-I/39/22-23/8079 dated 15-08-2023
29. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Zahra Rana, Regd. No. 2017-ag-3354, Ph.D. student, Department of Biochemistry, vide No. CE/PA/11591, dated: 22-11-2023
30. Nominated as Focal Person for Antimicrobial Resistance awareness Campaign co-organized by Public Health Laboratories Division, National Institute of Health, Islamabad, Pakistan and Faculty of Veterinary Science, University of Agriculture, Faisalabad vide No. DFVS/3601 dated 20-11-2023
31. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Uswa Ali, Regd. No. 2019-ag-2318, Ph.D. student, Department of Biochemistry, vide No. CE/PA/11709, dated: 27-11-2023
32. Received a certificate as Quizzer IN 3<sup>rd</sup> DVM Quiz Competition 2023. Organized by CVAS, Jhang.
33. Received a certificate of Internship for participating as Mentor in the PUAN internship training program. Dated September 30, 2023.
34. Nominated as Member of Committee for one day seminar on the Annual International Rabies Day. Vide no, DFS/3023 dated 25-09-2023
35. Nominated as Member of Committee for preparation of Annual Report of the University for the year 2022-23 vide No. Coord/102/9310 dated 16-11-2023.
36. Nominated as Member of International Seminar on Dog Breeds and their Management. Vide No. DFVS/3820, dated 15-12-2023

37. Nominated as Moderator in 4<sup>th</sup> BRI Sino-Pakistan Agriculture Forum held on November 09-10, 2023.
38. Nominated as Manager of Male sports team "Badminton" vide no. DFVS/3097 dated 02-10-2023
39. Nominated as Focal Person in 4<sup>th</sup> BRI Sino-Pakistan Agriculture Forum held on November 09-10, 2023. Vide No.IHS/2715-26 dated 18-09-2023
40. Nominated as Member of Wheat Campaign-2023 in Faisalabad Division. Endst No. A4/200-82/29377, dated 02-11-2023.
41. Invited as Facilitator for the session on the topic "Basic Bio Statistic & Research Methodologies" held on September 21<sup>st</sup>-23<sup>rd</sup>, 2023 organized by FMUF vide HPERD No. 293-FMUF-2023 dated 29-08-2023
42. VC's Nominee as member of the meeting of Committee to facilitate NUMS authority regarding conduct of entry test, vide No. PRP/437 dated 31-08-2023
43. VC's Nominee as member of the NUMS entry test vide No. Coord/167-A/6248-67 dated 09-08-2023
44. Nominated as President of Male sports team "Badminton" vide no. DS/2023/F-62/287 dated 06-08-2023
45. Nominated as Member of Departments / Institutes Quality Enhancement & Evaluation Committee in Faculty of Veterinary Science
46. Nominated by Dean, FVS for physical verification of the stores of the Institute of Microbiology. Vide, No. DFVS/2308, dated: 03-08-2023.
47. Nominated as Member Sub-Committee to deal with cases of use of unfair means in the examination w.e.f.23.08.2021 to date. vide Endst No, A-3/21-68/20172-260 dated: 15-09-2021.
48. Commercialization of Lab services (PCR, ELISA, Taxonomic Identification), Endst. No. A4/280/18319-420, dated 20-07-2023.
49. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Zoha Nasir, Regd. No. 2015-ag-7120, Ph.D. student, Department of Entomology, vide No. CE/PA/8612, dated: 17-07-2023
50. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Haseeb Anwar Tarrar, Regd. No. 2016-ag-4742, Ph.D. student, Institute of Microbiology, vide No. CE/PA/8601, dated: 17-07-2023
51. Serving as Reviewer of Animal and Veterinary Sciences Journal since July 08, 2023 to date.
52. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Ifraha Abbas, Regd. No. 2019-ag-381, Ph.D. student, Institute of Physiology and Pharmacology, vide No. CE/PA/8018, dated: 11-07-2023
53. Oral presentation at seminar/ awareness walk on climate change and environmental sustainability in Sialkot, organized by University of Sialkot, dated 14-06-2023
54. Invited as Guest Speaker in seminar/ awareness walk on climate change and environmental sustainability in Sialkot, organized by University of Sialkot, dated 14-06-2023.
55. V.C's Nominee as Superintendent for Invigilation on 1<sup>st</sup> Entry Test Undergraduate Programme. Vide No. DFA/3900-3930, dated: 04-07-2023
56. Nominated by the Vice Chancellor as Member of Advisory Board of Zari Digest. Endst. No. Coord/Misc-1/6/5657-76, dated: 23-06-2023
57. Member Board of Examiners for Oral Comprehensive Examination of Mr. Ali Hassan, Regd. No. 2011-ag-2134, Ph.D. student, Department of Clinical Medicine and Surgery, vide No. CE/PA/7799, dated: 19-06-2023
58. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Mahira Rafiq, Regd. No. 2019-ag-2251, Ph.D. student, Department of Chemistry, vide No. CE/PA/7706, dated: 13-06-2023
59. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Zoha Nasir, Regd. No. 2015-ag-7120, Ph.D. student, Department of Entomology, vide No. CE/PA/7710, dated: 13-06-2023
60. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Rida Tahir, Regd. No. 2021-ag-2827, Ph.D. student, Department of Zoology, Wildlife and Fisheries, vide No. CE/PA/7585, dated: 08-06-2023
61. Member Board of Examiners for Oral Comprehensive Examination of Ms. Rabia Azmat, Regd. No. 2017-ag-4784, Ph.D. student, Department of Zoology, Wildlife and Fisheries vide No. CE/PA/5653,

- dated: 05-06-2023
62. Nominated by Dean as Convenor of Vigilance Committee for DVM 6<sup>th</sup> Semester for Final Examinations of DVM Spring Semester 2022-23. Vide no. DFVS/1444, dated: 17-05-2023.
  63. Dean's nominee, Board of Examiners for internship examination of DVM 10<sup>th</sup> semester, Faculty of Veterinary Science vide No. DFVS/1396, dated: 11-05-2023
  64. Nominated by Deputy Controller Examination for marking of answer books of PhD Student Rabia Azmat vide No. CE/PA/5188 dated 19-04-2023
  65. Nominated as Member of the Academic Council of Superior University Lahore vide No. DEL/105 dated 11-04-2023
  66. Nominated as Focal Person by Office of Research and Innovation for exploring research opportunities for Internship, Research, Training Development and MOU with Punjab Cattle Market Management and Development Company vide No. 1819/ORIC dated 29-03-2023
  67. Participated in series of Brainstorming Session for Associate Professor and young PhD Faculty under FDP for capacity sharing with colleagues and UAF Management vide no, 1551-99/ORIC dated 15-03-2023
  68. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhmmad Ali Sabir, Regd. No. 2012-ag-2793, Ph.D. student, Institute of Humane Nutrition and Dietetics, vide No. CE/PA/3240, dated: 21-03-2023
  69. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Aqsa Shareef, Regd. No. 2017-ag-4558, Ph.D. student, Department of Zoology, Wildlife & Fisheries, vide No. CE/PA/2869, dated: 27-02-2023
  70. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Azhar Irfan, Regd. No. 2009-ag-2073, Ph.D. student, Department of Poultry Sciences, vide No. CE/PA/2691, dated: 17-02-2023
  71. Nominated by the Vice Chancellor as member of Annual Report preparation Committee of the University of the year 2021-2022. Endst. No.Coord/102/936-45, dated: 06-02-2023.
  72. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Umer Hameed, Regd. No. 2014-ag-5627, Ph.D. student, Department of Agronomy, vide No. CE/PA/2506, dated: 02-02-2023
  73. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Umer Hameed, Regd. No. 2014-ag-5627, Ph.D. student, Department of Agronomy, vide No. CE/PA/2217, dated: 17-01-2023
  74. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Jamal Babar, Regd. No. 2015-ag-7383, Ph.D. student, HND, National Institute of Food Science and Technology, vide No. CE/PA/2215, dated: 17-01-2023
  75. Nominated as President of Male sports team "Badminton" vide no. DS/22/017 dated 24-01-2023
  76. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Jamal Babar, Regd. No. 2015-ag-7383, Ph.D. student, HND, National Institute of Food Science and Technology, vide No. CE/PA/2362, dated: 26-01-2023
  77. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Jamal Babar, Regd. No. 2015-ag-7383, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/6556, dated: 05-10-2022
  78. Invited as a guest speaker in One day seminar on Biomaterials, Tissue Engineering and Regenerative Medicine" on December 19<sup>th</sup>, 2022.
  79. Nominated by the Vice Chancellor as Member of Advisory Board of Zari Digest. Endst. No. A-4/318-95/1715, dated: 14-01-2022.
  80. Advisor of Badminton, Vets Sports Board, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
  81. Member of Quality Enhancement & Evaluation Committee, Department of Parasitology, Faculty of Veterinary Sciences, University of Agriculture, Faisalabad.
  82. Allocated as supervisor of M.Sc. Climate Change student, Hina tu Zahra, Regd. No. 2022-ag-892.
  83. Evaluated thesis of Miss. Rimsha Shahid, Regd. No. 2015-ag-6022 student of M.Phil. Pathology. Vide No. Path/691, dated: 12-12-2022
  84. Evaluated thesis of Miss. Laraib Anwar, Regd. No. 2020-ag-879 student of M.Phil. Pathology. Vide No. Path/651, dated: 25-11-2022
  85. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Azhar Irfan, Regd.

- No. 2009-ag-2073, Ph.D. student, Department of Poultry Sciences, vide No. CE/PA/7331, dated: 23-11-2022
86. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Ayesha Nawaz, Regd. No. 2014-ag-5378, Ph.D. student, Institute of Microbiology, vide No. CE/PA/7258, dated: 18-11-2022
  87. Member Organizing Committee for organizing international workshop entitled "Site Specific Climate Adaptations in Agriculture". Endst.No. Coord/7/8244-62, dated: 05-12-2022
  88. Received certificate of appreciation for participating in Pakistan-US Alumni Network Reunion. Dated: 15-10-2022
  89. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Hadeed Ahmad, Regd. No. 2015-ag-7089, Ph.D. student, Department of Plant Pathology, vide No. CE/PA/7403, dated: 29-11-2022
  90. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Jamal Babar, Regd. No. 2015-ag-7383, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/7125, dated: 14-11-2022
  91. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Hafiza Salaha Mahrosh, Regd. No. 2021-ag-2352, Ph.D. student, Department of Biochemistry, vide No. CE/PA/7182, dated: 15-11-2022
  92. Evaluated thesis of Ms. Mahum Manzoor, Regd. No. 2016-ag-6335 student of M.Phil. Microbiology. Vide No. IOM/1001-6, dated: 22-11-2022
  93. Member of synopsis defense (seminar-II) scrutiny committee. Vide no. DFVS/3103, dated: 18-11-2022.
  94. Received a certificate of appreciation as Guest Speaker of one day training on Practical Applications of Nutritional Epidemiology, organized by Institute of Home sciences, Faculty of Food, Nutrition and Home sciences.
  95. Technical Committee Member for International conference on climate change: impacts and solutions. November 07-09, 2022.
  96. Evaluated thesis of Mr. Rana Muhammad Athar Ali, Regd. No. 2015-ag-6045 student of M.Phil. CMS. Vide No. 789/CMS, dated: 14-11-2022
  97. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Rania Baloch, Regd. No. 2017-ag-310, Ph.D. student, Department of Botany, vide No. CE/PA/7060, dated: 08-11-2022
  98. Member, Board of Examiners for Oral Comprehensive Examination of Mr. Faiq Ahmad, Regd. No. 2009-ag-3516, Ph.D. student, Department of CMS, vide No. CE/PA/7054, dated: 08-11-2022
  99. Member of the Technical Committee to organize the International Conference on Climate Change Impacts and Solutions.
  100. VC's Nominee as member of the meeting of Committee to facilitate NUMS authority regarding conduct of entry test, Endst. No-A-4/404/34132-45, dated: 05-10-2022
  101. Invited as a Facilitator for the Conduction of Research Methodology Workshop at Faisalabad Medical University Faisalabad, vide no. 227/HPERD-FMU/2022, dated: 26-09-2022
  102. Evaluated thesis of Ms. Amna Ahmad, Regd. No. 2015-ag-5938 student of M.Phil. Parasitology. Vide No. PARA/1334, dated: 23-09-2022.
  103. Nominated by Chairman Sports Board as Member of Badminton Sub-Committee. Vide no. DS/2022/566, dated: 20-09-2022
  104. Attended the meeting for reviewing the performance reports under TTS, vide no. 6039/ORIC, dated: 12-09-2022.
  105. Marked the PhD answer book written comprehensive examination of Mr. Faiq Ahmad, 2009-ag-3516, CMS (Paper-III), Vide No.CE/PA/4636, Dated: 02-09-2022.
  106. Nominated by Chairman Sports Board as Member of Badminton Sub-Committee. Vide no. DS/2022/528, dated: 12-08-2022
  107. Nominated by Dean as Member of Committee to design the Vision, Mission, Program Educational Objectives (PEOs) and Program Learning Outcomes (PLOs) of DVM degree program. Vide. No. DFVS/1869, dated: 02-08-2022
  108. Nominated by Dean, FVS for physical verification of the stores of the Institute of Microbiology. Vide, No. DFVS/1868, dated: 02-08-2022.
  109. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Kashif Hussain,

- Regd. No. 2012-ag-2653, Ph.D. student, Department of Parasitology, vide No. CE/PA/3470, dated: 19-07-2022.
110. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Zeeshan, Regd. No. 2018-ag-1914, Ph.D. student, Department of Parasitology, vide No. CE/PA/3266, dated: 04-07-2022.
  111. Member Organizing Committee of One Day Hands on Training Workshop on "Capacity Building of Scientists in Advanced Diagnostic Techniques for Identification of Ticks and Tick- Borne Diseases" held on June 30, 2022 in Department of Wildlife and Ecology, UVAS, Ravi Campus, Pattoki.
  112. V.C's Nominee as Superintendent for Invigilation on 2<sup>nd</sup> Entry Test Undergraduate Programme. Vide No. DFA/5606-57, dated: 21-07-2022
  113. Member Organizing Committee for Farmer Training Activities at Faisalabad, Multan and Bahawalpur under the Project "Capacity Building of Stakeholders in order to Develop Site Specific Climate Adaptations in Agriculture". Endst.No. Coord/7-2/4667-84, dated: 15-07-2022
  114. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Arsalan, Regd. No. 2014-ag-4889, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/3365, dated: 14-07-2022.
  115. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Wasifa Asim, Regd. No. 2016-ag-799, Ph.D. student, Department of Chemistry, vide No. CE/PA/2978, dated: 23-06-2022.
  116. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Nudrat Aslam, Regd. No. 2015-ag-267, Ph.D. student, Department of Zoology, Wildlife and Fisheries, vide No. CE/PA/2961, dated: 20-06-2022.
  117. Nominated by the Chairman, EPH as Convener for Project Proposal on "Global Infectious Diseases Research Training Program (D43 Clinical Trial Option)" of National Institute of Health (NIH), USA for capacity building. Vide No. EPH/1687, dated: 20-07-2022
  118. Organized Hands on Workshop Cum Seminar on "Study Designs and Analysis in Biomedical Research at FVS Seminar Room, University of Agriculture, Faisalabad.
  119. V.C's Nominee as Deputy Superintendent for Invigilation on 1<sup>st</sup> Entry Test Undergraduate Programme. Vide No. DFA/4627-76, dated: 31-05-2022.
  120. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Faiza Kanwal, Regd. No. 2012-ag-1040, Ph.D. student, Department of Biochemistry, vide No. CE/PA/2399, dated: 24-05-2022.
  121. Nominated by Dean as Convenor of Vigilance Committee for DVM 6<sup>th</sup> Semester for Final Examinations of DVM Spring Semester 2021-22. Vide no. DFVS/1211, dated: 18-05-2022.
  122. Focal Person in Joint Training Pathology and Parasitology Laboratory Regarding Biorisk Management and One Health. Vide No. Coor/7-B/3315-18, dated: 09-05-2022.
  123. Nominated by the Vice Chancellor as member of Industrial group (Biotechnology/Vaccines) for "Establishment of High-Tech Agro-Industrial Zone in Faisalabad/Faisalabad Agropolis. Endst. No. 22/04/22/P&D/730-60, dated: 29-04-2022.
  124. Participated as Livestock Expert in a webinar "Capacity building of stakeholders to develop site specific climate adaptations in Agriculture under D-8 cooperation Fund" at D-8 research center, Pakistan center for advance studies in food security and Agriculture (PCAS-UAF), University of Agriculture Faisalabad, Pakistan on 09-06-2022.
  125. Nominated by Dean as Panel of Experts for collection of Internship reports/evaluation forms. Vide No. DFVS/358, dated: 06-06-2022.
  126. Organized Hands on Training Workshop Cum Seminar on "Ticks and Tick Borne Diseases on June 9-10, 2022 at New Senate Hall, University of Agriculture, Faisalabad.
  127. Nominated By Director ORIC, UAF as Member of Committee for devising a full length proposal on a CPEC completed project titled "1320 MW Sahiwal Coal-fired Power Plant". Vide no. ORIC/1793-99, dated: 21-04-2022.
  128. Nominated by Dean, FVS as Secretary of Teaching and Research Promotion and Career Counseling (TRPCC) for FVS club activities. Vide no. DFVS/888, dated: 30-03-2022.
  129. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Hassan, Regd. No. 2016-ag-2610, Ph.D. student, Department of Plant Pathology, vide No. CE/PA/1036, dated: 15-03-2022.

130. Focal Person in Joint Training Pathology and Parasitology Laboratory Regarding Biorisk Management and One Health. Vide No. Coor/7-B/1794-97, dated: 03-03-2022.
131. Assessment of the applications under the Post Doctoral Fellowship Phase-3 Batch 3 assigned by the HEC. Dated: 03-03-2022.
132. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Madiha Batool, Regd. No. 2002-ag-862, Ph.D. student, Institute of Agricultural and Resource Economics, vide No. CE/PA/862, dated: 28-02-2022.
133. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Faiza Kanwal, Regd. No. 2012-ag-1040, Ph.D. student, Department of Biochemistry, vide No. CE/PA/861, dated: 28-02-2022.
134. Nominated by Dean, FVS as Member of Deans Committee for revision in Vision 2030. Endst. No. A-4/171/6541-6550, dated: 24-02-2022
135. Nominated By Director ORIC, UAF as Member of Committee for devising a viable Expression of Interest (Eol), submitted to United States Agency for International Development (USAID). Vide no. ORIC/890, dated: 23-02-2022.
136. Evaluation of the Project as Member of Technical Working Group (TWG) of PARB Project. Vide no. 318, dated: 18-02-2022
137. Evaluation of the Project as Member of Technical Working Group (TWG) of PARB Project. Vide no. 311, dated: 17-02-2022
138. Nominated by the Vice Chancellor as Member of Advisory Board of Zari Digest. Endst. No. A-4/318-95/1715, dated: 14-01-2022.
139. Selected as Member Editorial Board in The Journal of Animal and Plant Sciences.
140. Invited as Member of Selection Board by the University of Agriculture Dera Ismail Khan for the selection of various teaching positions on TTS basis. Vide no. 951/Reg/UAD/DIK, dated: 13-01-2022.
141. Nominated by Deputy Controller Examination for marking of answer books of Livestock Assistant Diploma Coures. Vide No/CE. 18, dated: 11-01-2022.
142. Nominated by Dean FVS, as Convener of Vigilance Committee for DVM 5<sup>th</sup> Semester. DFVS No. 20, dated: 04-01-2022.
143. Nominated by Vice Chancellor to act as Rapporteur during concluding session of "Capacity building and Professional Development Workshop (SWOT Analysis, Strategic and Succession Planning)" held on December 31, 2021. Vide no. DA/2335, dated: 31-12-2021
144. Nominated by Vice Chancellor to act as Rapporteur in 5 days workshop "Capacity building and Professional Development Workshop (SWOT Analysis, Strategic and Succession Planning)" held on 15-19 Nov 2021. Vide no. DA/2303, dated: 15-11-2021.
145. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Mahvish, Regd. No. 2020-ag-1603, Ph.D. student, Department of Parasitology, vide No. CE/PA/7064, dated: 20-12-2021.
146. Nominated by the Dean, FVS as member of Reception Committee in the FVS-WEEK-2021. Vide no. DFVS/3290, dated: 16-12-2021.
147. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Rana Hamid Ali Nisar, Regd. No. 2010-ag-2542, Ph.D. student, Department of Parasitology, vide No. CE/PA/7042, dated: 16-12-2021.
148. VC nominee as member of Constitution of Curriculum/Syllabi Review Committee for devising Postgraduate Curriculum. Vide no A-4/330-96/32759, dated: 16-12-2021.
149. Nominated by the Vice Chancellor for verification of the result of shortlisting candidates of Assistant Professors, vide no CE/PA/6944, dated: 14-12-2021.
150. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Bilal Zia, Regd. No. 94-ag-1168, Ph.D. student, Department of Forestry and Range Management, vide No. CE/PA/6870, dated: 13-12-2021.
151. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Zohra Khalid, Regd. No. 2014-ag-1460, Ph.D. student, Department of Chemistry, vide No. CE/PA/6821, dated: 08-12-2021.
152. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Zohra Khalid, Regd. No. 2014-ag-1460, Ph.D. student, Department of Chemistry, vide No. CE/PA/6733, dated: 26-11-2021.

153. Nominated by Vice Chancellor to act as Reapporteur in 5 days workshop "Capacity building and Professional Development Workshop" held on 15-19 November, 2021. Vide no. DA/2303, dated: 15-11-2021.
154. Nominated by Dean, FVS as member of Hall Management Committee on World One Health Day on November 03, 2021. Vide no. DFVS/2883, dated: 01-11-21.
155. Nominated by the Vice Chancellor as member of Self-Assessment Report Committee of the University. Vide no. PS-1(4) 145/5497, dated: 01-11-2021.
156. V.C's Nominee for evaluation of Self-Assessment Reports (SARs) of TTS Faculty. Endst. No. PS-1(4)/145/15231-15303, dated: 30-10-2021.
157. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Rabia Shaheen, Regd. No. 2015-ag-2263, Ph.D. student, Department of Chemistry, vide No. CE/PA/5852, dated: 06-10-2021
158. Nominated by Dean, FVS for physical verification of the stores of the Institute of Microbiology. Vide, No. DFVS/2185, dated: 03-10-2021.
159. Nominated by the Vice Chancellor as member of Grievance Committee of the University of the year 2019-2020 and 2020-2021. Endst. No. A-5/78/16981-17070, dated: 29-08-2021
160. Nominated by the Vice Chancellor as member of Annual Report preparation Committee of the University of the year 2019-2020 and 2020-2021. Endst. No.Coord/102/2433-43, dated: 30-08-2021.
161. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss. Rabia Shaheen, Regd. No. 2015-ag-2263, Ph.D. student, Department of Chemistry, vide No. CE/PA/3480, dated: 13-07-2021.
162. Nominated by Dean as convener seminar Committee on organizing a symposium on Rabies at World Rabies Day. Vide, No. DFVS/2404; dated: 27-09-2021
163. Member Board of Examiners of Ph.D. comprehensive of Mr. Rana Hamid Ali Nisar, 2010-ag-2542, Parasitology (Paper-I), Vide No. CE/PA/5672, Dated: 23-09-2021
164. Member Board of Examiners of Ph.D. comprehensive of Ms. Mahvish, 2020-ag-1603, Parasitology (Paper-I), Vide No. CE/PA/5672, Dated: 23-09-2021.
165. Nominated as Convener Assessment Committee to asses/determine the estimated of Unserviceable items and old paper scrape available at the department of Parasitology. Vide, No. 07050/I/181/B&F dated: 16-09-2021
166. Nominated as Member Sub-Committee to deal with cases of use of unfair means in the examination for a period of two years w.e.f.23.08.2021 vide Endst No, A-3/21-68/20172-260 dated: 15-09-2021.
167. VC's Nominee for organizing "3<sup>rd</sup> National One Day Symposium on One Health" as focal person. Vide No. Coord/7/2739-82, dated: 07-09-2021
168. Nominated by Dean, FVS as Member committee to discuss "Screening of University Livestock Farms for Zoonotic Diseases effecting the quality of end products used by end-users" in Faculty of Veterinary Science, Vide No. DFVS/2052; dated: 02-09-2021.
169. Received a letter of appreciation from Dean, Faculty of Veterinary Science, UAF, Pakistan for developing the curriculum and department of Epidemiology and Public Health. vide No. DFVS/1299 dated: 31-05-2021.
170. Dean's nominee, Board of Examiners for online internship examination of DVM 10<sup>th</sup> semester, Faculty of Veterinary Science vide No. DFVS/1441, dated: 25-06-2021.
171. Expert Board of Studies, Faculty of Veterinary Science, Riphah International University, Lahore. Vide No. PS-5/468/7629, dated 28-06-2021
172. Participated as resource person in the webinar organized by University of Poonch Rawalakot. vide No. UPR/ORIC/112/20/2021, dated: 08-06-2021.
173. Expert Board of Studies, Animal Sciences and Poultry Science, Khwaja Fareed Univerity of Engineering and Technology. Vide No. PS-5/468/5583, dated 04-05-2021
174. Nominated by Vice Chancellor as Member Departmental Review Committee for evaluation of application dossier along with reports of Foreign Technical Review Panel constituted by the Vice Chancellor from technically advanced countries in respect of Dr. Sultan Ali, Assistant Professor (TTS), Institue of Microbiology, Vide Endst. No. PS-4/7851-57, dated: 01-07-2021.
175. Attended the 294<sup>th</sup> meeting of the Academic Council, University of Agriculture, Faisalabad held on 30-07-2021 at 10:00 am in the New Senate Hall, UAF, Vide Endst. No. A-2/01-21/13857,



- dated: 29-07-2021.
176. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Rabia Shaheen, Regd. No. 2015-ag-2263, Ph.D. student, Department of Chemistry vide No. CE/PA/3704, dated: 29-07-2021.
  177. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Ahmad Bilal, Regd. No. 2016-ag-16, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/1974, dated: 20-04-2021.
  178. VC's nominee to evaluate the NRPU research projects prior to submission to HEC, vide No. 1583/ORIC, dated: 14-04-21.
  179. VC's nominee to evaluate the NRPU research projects prior to submission to HEC, vide No. 1573/ORIC, dated: 13-04-21.
  180. Served as an expert in the technical working group of the project proposal 20-458. Punjab Agriculture Research Board, Lahore, Pakistan vide No. PARB/1495, dated 13-07-2021.
  181. Nominated by Dean, FVS as member of committee to deal with visit of Pakistan Veterinary Medical Council. vide No. DFVS/834, dated 26-03-2021.
  182. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muhammad Asif, Regd. No. 2001-ag-484, Ph.D. student, Institute of Microbiology, vide No. CE/PA/557, dated: 02-02-2021.
  183. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss Sehrish Nayab, Regd. No. 2016-ag-2896, Ph.D. student, Institute of Microbiology, vide No. CE/PA/551, dated: 02-02-2021.
  184. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Ahmad Bilal, Regd. No. 2016-ag-16, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/396, dated: 29-01-2021.
  185. Nominated by Dean, For EP/CMS implementation program reviews. Vide No. DFVS/120; dated: 18-01-2021.
  186. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Miss Samia Ali, Regd. No. 2014-ag-2769, Ph.D. student, Institute of Pharmacy, Physiology and Pharmacology, vide No. CE/PA/40, dated: 08-01-2021.
  187. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Sanaullah Sajid, Regd. No. 2011-ag-2512, Ph.D. student, Institute of Microbiology, vide No. CE/PA/22, dated: 07-01-2021.
  188. Received an email of appreciation from Director HEC, Islamabad, Pakistan for providing services in peer review process of HEC Research Grants. dated: 01-01-2021.
  189. Received an email of appreciation from Director HEC, Islamabad, Pakistan for providing services in peer review process of HEC Research Grants. dated: 01-06-2021.
  190. Nominated by Dean as Convener, Scrutiny Committee for seminar and synopsis evaluation of M. Phil/PhD, vide. No.DFVS/608, dated: 05-03-2021.
  191. Served as Section Editor, Pakistan Journal of Agricultural Sciences, UAF, Pakistan from 26-09-2009 to 31-12-2019. vide letter No. PakJAS No. dated 11-02-2021.
  192. V.C's Nominee to distribute Award of PAS Gold Medals and Prizes-2021. vide No. PS-7(52)2012/2318, dated: 16-02-2021.
  193. V.C's Nominee for PAS Membership 2021. Vide No. PS-7(46)2010/2182. dated: 11-01-2021.
  194. V.C's Nominee, Advisor/Examiner for Interview committee in Punjab Public Service Commission, Lahore. vide No. PS-5/468/6999, dated: 23-12-2020.
  195. V.C's Nominee for The Earthshot Prize. Vide No. PS-7(46)2012/5815. dated: 01-12-2020.
  196. Focal Person, Department of Parasitology, UAF for Institutional Performance Evaluation, Dean, FVS vide No. DFVS/2974, dated 24-11-2020.
  197. Nominated by Vice Chancellor as Member Departmental Tenure Review Committee for evaluation of application dossier along with reports of Foreign Technical Review Panel constituted by the Vice Chancellor from technically advanced countries in respect of Dr. Rizwan Aslam, Assistant Professor (TTS), Institute of Microbiology, Vide Endst. No. PS-4/15621-23, dated: 23-11-2020.
  198. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Sanaullah Sajid, Regd. No. 2011-ag-2512, Ph.D. student, Institute of Microbiology, vide No. CE/PA/3741, dated: 28-10-2020.

199. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Zohaib Saeed, Regd. No. 2011-ag-2385, Ph.D. student, Institute of Microbiology, vide No. CE/PA/3739, dated: 28-12-2020.
200. Participated as member in the meeting of Academic Council. Vide No. A-2/4/33564, dated 23-11-2020
201. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Samia Ali, Regd. No. 2014-ag-2769, Ph.D. student, Institute of Pharmacy, Physiology and Pharmacology vide No. CE/PA/3713, dated: 26-10-2020
202. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Mr. Muaz Khalid Chaudhary, Regd. No. 2005-ag-1147, Ph.D. student, Department of Parasitology, vide No. CE/PA/3689, dated: 26-10-2020.
203. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Umber Younas, Regd. No. 2012-ag-3938, Ph.D. student, National Institute of Food Science and Technology, vide No. CE/PA/3661, dated: 19-10-2020.
204. Nominated by Dean, FVS for physical verification of the store of department. vide No. DFVS/1529, dated: 13-08-2020.
205. Appointed as Superintendent for conducting of 2<sup>nd</sup> Entry Test for M.Phil. Admission in Veterinary disciplines, UAF. vide No. DFVS/1525, dated: 12-08-2020.
206. Nominated by Vice Chancellor as Member Departmental Tenure Review Committee for evaluation of application dossier along with reports of Foreign Technical Review Panel constituted by the Vice Chancellor from technically advanced countries in respect of Dr. M. Ashraf, Assistant Professor (TTS), Institute of Microbiology, Vide Endst. No. PS-4/9090-92, dated: 12-08-2020.
207. Attended the meeting as Advisor DVM 2<sup>nd</sup> Semester to discuss the refund of Rs. 200/- each student directed Vide Endst. No. A-2/01-19(Imp)/4798; dated: 14-02-2019 Vide No. DFVS/820' dated: 06-03-2019.
208. Attended the meeting held on 31-05-2019 at 10:30 am for Assistant Professors (TTS) MID-TERM Review/Tenure Review Vide No.DFS/1466, dated: 29-05-2019.
209. Nominated by Dean, FVS as Advisor DVM 2<sup>nd</sup> Semester w.e.f. Spring Semester 2018-19, Vide No. DFVS/119; dated: 11-01-2019.
210. Nominated by Vice Chancellor, as Member committee to have "Recommendations for transfer of human resource and operational budget for two newly established Department of Pharmacy and Department of Epidemiology and Public Health in the Faculty of Veterinary Science, Vide Endst. No.A-4/280/276-86; dated: 02-01-2019.
211. Nominated by Dean, FVS as Member committee to discuss "Recommendations for transfer of human resource and operational budget for two newly established Departments in Faculty of Veterinary Science, Vide No. DFVS/89; dated: 09-01-2019.
212. Nominated by Vice Chancellor to attend one day "National Consultative Workshop on Drought (NCED)" held on 18-01-2019 at Serena Hotel, Islamabad Vide No.PS-7(362013/1764; dated: 17-01-2019.
213. Approved as chief organizer to conduct "One day hands-on training on laboratory diagnosis of parasitic infections" in collaboration with College of veterinary and Animal Sciences, Jhang on 31-01-2019, Vide Endst. No. Coord/07/955-990; dated:31-01-2019.
214. Nominated by Vice Chancellor as an Expert for evaluation of the completion report of Technology Transfer project "agricultural Technology Transfer through Mobile Applications (Apps.)" Vide No. EFS/396; dated: 19-02-2019.
215. Appointed as Convener, Vigilance committees for final examinations of DVM 1<sup>st</sup> semester, Winter Semester 2018-2019, Vide No. DFVS/3126; dated: 11-12-2018
216. Marked the PhD answer book written comprehensive examination of winter semester 2018-2019, of Ms. Mahvish Maqbool, 2009-ag-3421, Parasitology (Paper-I), Vide No.CE/PA/1295, Dated: 26-03-2019.
217. Attended the meeting held on 08-05-2019 at 10:00 am to properly scrutinize the TTS appointment/promotion cases before placing them in the Selection Board and Syndicate/BOG, Vide No.DFS/1268, dated: 07-05-2019.
218. Attended the 286<sup>th</sup> meeting of the Academic Council, University of Agriculture, Faisalabad held on 09-05-2019 at 10:00 am in the New Senate Hall, UAF, Vide Endst. No. A-2/01-15/10208-

- 10350, dated: 30-04-2019.
219. Nominated by Vice Chancellor as Member Departmental Tenure Review Committee for evaluation of application dossier along with reports of Foreign Technical Review Panel constituted by the Vice Chancellor from technically advanced countries in respect of Dr. M. Aamir Aslam, Assistant Professor (TTS), Institute of Microbiology, Vide Endst. No. PS-4/9426-32, dated: 06-05-2019.
  220. Nominated by Vice Chancellor as Member Departmental Tenure Review Committee for evaluation of application dossier along with reports of Foreign Technical Review Panel constituted by the Vice Chancellor from technically advanced countries in respect of Dr. Junaid Ali Khan, Assistant Professor (TTS), Institute of Pharmacy, Physiology and Pharmacology, Vide Endst. No. PS-4/10791-97, dated: 22-05-2019.
  221. Nominated by Dean, FVS as Member Prize Distribution Committee for preparation of 2<sup>nd</sup> All Pakistan Veterinary Degree Awarding Institutes (VDAs) Talent competition held on December 02-05, 2018, vide No. DFVS/2954, dated: 26-11-2018.
  222. Nominated by Dean, FVS as Member Prize Distribution and Reception Committee for arrangements of 2<sup>nd</sup> All Pakistan Veterinary Degree Awarding Institutes (VDAs) Talent competition held on December 02-05, 2018, vide No. DFVS/3020, dated: 19-11-2018.
  223. Nominated by Dean, FVS as Member committee to meet the international delegation of The Brooke Hospital for Animals visit to FVS on November 28, 2018, vide No.DFVS/2961, dated: 26-11-2018.
  224. Nominated by the Vice Chancellor for evaluation of Annual report of the project titled "Dissemination of farmer friendly diagnostic techniques for the control of goat mastitis in selected districts of Punjab, Pakistan", vide No.EFS/101496, dated: 19-12-2018.
  225. Nominated by Vice Chancellor for evaluation of Annual report of the project titled "Evaluation of Cell mediated immune responses (CMI) as a diagnostic marker for field diagnosis of latent bovine brucellosis", vide No.EFS/101324, dated: 30-11-2018.
  226. Nominated as Focal person by Vice Chancellor to hold "2<sup>nd</sup> National One Day Symposium on One Health" organized by FVS, UAF in collaboration with The Brooke Pakistan and USDA through Endowment Secretariat, UAF, vide Endst No.Coord/7-2/9406-42, dated: 05-12-2018.
  227. Convener, Vigilance Committee for Final examination of DVM 1st Semester, Winter Semester 2018-19. Vide No. DFVS/3126, dated 11-12-2018.
  228. Appointed as Superintendent for conducting of third Entry Test for M.Phil. Admission in Veterinary disciplines, UAF for Winter Semester 2018-19, vide No. Path/481, dated: 07-09-2018.
  229. Appointed as Superintendent for conducting of Entry Test for M.Phil. Admission in Veterinary disciplines, UAF for Winter Semester 2018-19, vide No. DFVS/1766, dated: 28-06-2018.
  230. Participated in "World Animal Day" at Faculty of Veterinary Science, University of Agriculture, Faisalabad, held on October 04, 2018.
  231. Nominated by Vice Chancellor as Member Organizing Committee of the event titled "International Peace Week" held on 24<sup>th</sup> to 28<sup>th</sup> September, 2018 vide No.Coord/7-A/6392-6405, dated: 18-09-2018.
  232. Nominated by Vice Chancellor as Member scrutiny committee for scrutinizing applications for the post of Veterinary Assistant (BPS-06) vide Endst. No.E-5/619/14553-14558, dated: 22-11-2018.
  233. Nominated by Vice Chancellor as Member, Scrutiny Committee for scrutinizing applications for the post of Dispenser (BPS-06) vide Endst. No.E-5/619/13797-13802, dated: 12-11-2018.
  234. Nominated by Vice Chancellor as Member, Scrutiny Committee for scrutinizing applications for the post of Medical Officer (BPS-17) vide Endst. No.E-5/619/15120-15125, dated: 03-12-2018.
  235. Nominated by Director Quality Enhancement Cell (QEC) and Vice Chancellor as Member Assessment Team to assess the Self-Assessment Reports (SARs) of Department of Zoology and Fisheries vide No. A-3/251-04/23381, dated: 15-11-2018.
  236. Nominated by Vice Chancellor as Member, Scrutiny Committee for TTS appointment/promotion cases vide Endst. No.PS-4/20854-60, dated: 01-11-2018.
  237. Nominated as Member of the UAF Badminton Sub-Committee for the year 2018-19. Vide No. DS/2018/F-62/252, dated 08-08-18.
  238. Nominated as President of the UAF Badminton Team for the year 2018-19. Vide No. DS/2018/F-62/251, dated 08-08-18.

239. Nominated by Dean Faculty of Veterinary Science as Group Leader of M.Phil. Epidemiology and Public Health degree program Vide: No.DFVS/2604, Dated: 17-10-2018.
240. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Ms. Nida Noreen, Regd. No. 2014-ag-1759, Ph.D. student, Institute of Pharmacy, Physiology and Pharmacology vide No. CE/PA/5453, dated: 18-10-2018.
241. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Hafiz Amjad Ali Rana, Regd. No. 2010-ag-2713, Ph.D. student, Institute of Agricultural Extension and Rural Development vide No. CE/PA/5493, dated: 22-10-2018.
242. Appointed as Deputy Superintendent for conduct of Entry Test for Admission in the UAF Winter Semester 2018-19.
243. Appointed as paper setter for Entry Test for M.Phil. Admission in Veterinary disciplines, UAF for Winter Semester 2018-19.
244. Member, Board of Examiners for Written Comprehensive Examination of Mr. Waqas Ahmad, Regd. No. 2014-ag-37, Ph.D. student, Department of Parasitology, vide No. CE/PA/3569 dated: 09-07-2018.
245. Chair of the Committee to start new MS degree in Epidemiology vide letter No. .
246. Appointed as Coordinator to conduct a lecture on "Productivity Enhancement in Professional Career" for the internship students of DVM 10<sup>th</sup> semester during FVS Graduation Week, 2018.
247. Convener, Vigilance Committee for Final examination of DVM 2<sup>nd</sup> Semester, Spring 2017-18. Faculty of Veterinary Science, UAF vide No. DFVS/1210, dated 16-04-2018.
248. Appointed as Advisor of the students of DVM 10<sup>th</sup> semester and above for Spring Semester 2017-18 vide No. 60; dated: 04-01-2018 by the Dean, Faculty of Veterinary Science, UAF, Pakistan.
249. Member, Stage Management Committee for the Annual Farewell Dinner of Faculty of Veterinary Science, UAF, Pakistan vide No. DFVS/ 1393, dated 07-05-2018.
250. Member, Board of Examiners for Oral Comprehensive Examination of Muhammad Auon, Reg. No. 2001-ag-587, Ph.D. student of Department of Pathology, held on 23-05-2018 at 2:00 pm in the video conference room (DLC-1), UAF, Pakistan vide No. CE/PA/2716, dated 10-05-2018.
251. Appointed as Member Hall Management Committee during 6<sup>th</sup> Layallpur Art and Literature Festival-2018 as Tutor of the Tutorial Group Dr. Abdul Qadeer-4, from the office of Senior Tutor, UAF, Pakistan. vide No. ST. 489-500, dated 02-04-2018.
252. Appointed as Tutor of the Tutorial Group Dr. Abdul Qadeer-4, from the office of Senior Tutor, UAF, Pakistan. vide No. ST. 489-500, dated 02-04-2018.
253. Advisor, DVM 10<sup>th</sup> semester and above for Spring Semester 2017-18, Faculty of Veterinary Science, UAF vide No. DFVS/60, dated 04-01-2018.
254. Convener, Vigilance Committee for Final examination of DVM 1<sup>st</sup> Semester, Winter 2017-18. Faculty of Veterinary Science, UAF vide No. DFVS/3390, dated 11-12-2017.
255. Appointed as paper setter by the Vice Chancellor, UAF, for GRE subject and shortlisting test. vide No. CE/PA/3311, dated 07-08-2017.
256. Nominated as president of the University Badminton team for the year 2017-18, UAF, Pakistan vide No. DS/2017/F-62/945, dated 11-08-17.
257. Appointed as member of the selection committee of "Badminton Sub-Committee" for admission to under graduate and post graduate classes for the session 2017-18. vide No. DS/2017/F-27/946, dated 11-08-2017.
258. Nominated as Advisor for DVM 9<sup>th</sup> semester for winter semester 2017-18, Faculty of Veterinary Science, UAF vide No. DFVS/2017, dated 01-08-2017.
259. Member, Board of examiners for marking written comprehensive examination of Muhammad Auon, 2001-ag-587, a PhD student of the department of pathology. vide No. CE/PA/3054, dated 26-07-2017.
260. Nominated as Deputy Superintendent of the invigilation committee by the Vice Chancellor, UAF, to conduct 2<sup>nd</sup> entry test for admission to undergraduate degree programmes for academic session, 2017-18 at UAF. vide No. DFA/6865, dated 20-07-2017.
261. Appointed as coordinator to help the speaker from the Dean, FVS, during FVS-UAF internship program 2017.vide No. DFVS/1395, dated 15-05-2017.
262. Appointed as Convener of the Fund Raising Committee for the Faculty of Veterinary Science, UAF by the Vice Chancellor UAF. vide No. A-5/409/19211; dated 04-04-2017.
263. Received a letter of appreciation from Director ORIC, UAF, Pakistan for being the part of the

- document recently published "101-Innovations Catalogue 2016: Technologies for Commercialization" vide No. 621-81/ORIC dated: 31-01-2017.
264. Hall management during 5<sup>th</sup> Lyallpur Art & Literary Festival- 2017 held at Iqbal Auditorium, UAF, Pakistan on 27-03-2017. vide No. ST: 662-681 dated: 21-03-2017.
  265. Member organizing committee Agri exhibition during Spring Festival 2016 on 29<sup>th</sup> February to 5<sup>th</sup> March 2016 organized by University of Agriculture, Faisalabad.
  266. Member, Management Committee, Sufi Musical Competition held on 14-12-2016 at Cricket Stadium, UAF.
  267. Attended meeting of the committee constituted by GSRB for the development of Lab Safety Course dated December 03, 2016 at 9:00 am in the Dean office, Faculty of Veterinary Science, UAF.
  268. Appointed as member Organizing Committee to organize national conference on "Sustainable Management and Control of Fruit Fly Infestation" by the Vice Chancellor UAF. Endst. No. Coord/7-2/10867-945; dated 16-11-2016.
  269. Participated in Agri./ Textile exhibition during Rabi Festival 2016 dated 2-7 November, 2016 organized by UAF, Pakistan.
  270. Nominated for duty of Chess and badminton Game during Faculty Sports Gala, 2016 by Dean, Faculty of Veterinary Science, UAF, Pakistan.
  271. Coordinator of UAF- Center for Agriculture and Food Security and Preparedness (CAFSP), University of Tennessee, Knoxville, USA collaboration for the training programs-2016.
  272. Assisted in organizing International Conference on Sustainable Agriculture in Pakistan held from November 17-19, 2016 at DLC-2 UAF, Pakistan, jointly organized by University of California, Davis, USA and UAF, Pakistan.
  273. Resource person, Two days training workshop for Teaching Assistants on Digital Tools for Effective Teaching held from November 14-15, 2016 at DLC-2 UAF organized by USPCAS-AFS, UAF.
  274. Member, Tender Committee for 38/2016, DPIC, UAF vide No. DPIC 2019-22 dated 09-04-2016
  275. Member, Committee to conduct the International Seminar in the Faculty of Veterinary Science regarding Rabi Festival/ Kisan Mela (November 2–7, 2016) vide No. DFA/11302-27 dated 03-10-2016 and No. 364/CMS dated 03-10-2016.
  276. Convener, Special Task Team for Awareness of Congo Virus at the Faculty of Veterinary Science, any facility/ administrative unit of UAF and/or outside in community as per request from the respective facility/ unit. vide No. Coord/G-3/8102-20 dated 01-09-2016
  277. Member, Faculty Vigilance Committee vide No. DFVS 988 dated 13-04-16 for an academic year.
  278. Appointed as Chair of the committee to propose curriculum for new degree "MS in Epidemiology" by the Vice Chancellor, UAF vide letter No. A-4/446/22731, dated 08-04-2016.
  279. Focal Person for Outreach/ Extension for Department of Parasitology, UAF vide No. PS-7 (21-A) 2014/28276 dated 26-11-2015 to work with Faculty of Outreach Chair, USPCAS-AFS, UAF.
  280. Participation in Nutrition Mela- A Festival of Flavors and Fitness held on March 09-10, 2016 organized by National Institute of Food Science and Technology, UAF, Pakistan
  281. Examiner of Ph.D. comprehensive examination (written part) of winter semester 2015-2016
  282. Member, Faculty Vigilance Committee vides DFVS 988 dated 13-04-16 for an academic year.
  283. Nominated for the arrangement of Annual Function of the Faculty of Veterinary Science scheduled on May 31, 2016.
  284. Member, Tender Committee (Tender No. 38/2016), DPIC, UAF for the purchase of sound system for the Faculty of Veterinary Science, UAF.
  285. Convener, Tender Committee, DPIC, UAF vide Endst. No. Acs.Dev/4116155425/26028-30 dated June 11, 2016.
  286. Member/ Secretary, Tender Committee, USPCAS-AFS (Tender No. CAS-FSA 05/2016) for the procurement of Scientific Equipment
  287. Chair, Committee for establishing the by-laws for the first Climate Change Graduate Group (CCGG) at the UAF and proposing curriculum for the new degree program of M.Sc. (Hons.) Climate Change at UAF vide Endst. No. A-4/446/11320-11425 dated 18-02-2016.
  288. Presented the case of Climate Change Graduate Group (CCGG) in Faculty Board, Faculty of Agriculture, UAF held on 26-05-2016.
  289. Examiner of LAD 107 Parasitology for LAD First Year Supplementary Examination 2015 held on 07-04-2016.
  290. Convener, Emergency Tick Surveillance Team for Suspected Congo Fever Outbreak at Dhok Shah

- Gul Hassan, UC Kot Qazi, tehsil Lawa district Chakwal during 03-05-16 to 05-05-16.
291. Participated on June 17, 2015 in Annual Function, 2015, Faculty of Veterinary Science, UAF, Pakistan.
  292. Talk on University of Agriculture, Faisalabad FM 104 on "Sanafi Shaoor or Zararii Shobay mein Auratoon ki Ba Ikhtiyari" on April 8, 2016.
  293. Departmental Focal Person for Outreach/ Extension to work with the Faculty of Outreach Chair, USPCAS-AFS, UAF.
  294. Assistance with The Dean, Faculty of Veterinary Science to look after the duties of the Chairman, Department of Parasitology, during the leave period of Prof. Dr. Muhammad Nisar Khan (from 25-08-2015 to 06-10-2015) vide No. PS-1(1)20315822 dated: 15-08-2015.
  295. Nominated as Subject Expert for constitution of HEC curriculum revision committee 2015- 2016 with reference to letter Endst. No. A-3/77-73/26005-20 dated: 26-07-2015.
  296. Convener, Vigilance Committee, DVM Final Term Examinations, Spring Semester 2014-15, FVS, UAF vide No. DFVS 3259 dated: 23-01-2015.
  297. Member, Awards committee, Annual function-2015, Faculty of Veterinary Science, University of Agriculture, Faisalabad (vide No. DFVS/1432 dated 26-05-2015).
  298. Nominated as Supervisory Staff for the conduct of annual examination, 2014 of three years diploma in Agriculture Sciences 1st, 2nd and 3rd year classes vide No. DFVS/2469 dated: 25-09-2014.
  299. Member, Organizing Committee of the project titled "Awareness Campaign Energy Saving Strategies in Faisalabad" under Social Integration Outreach Program by HEC at UAF vide letter No. 2351/ORIC dated 19-10-2014.
  300. Member, Reviewing Panel of Punjab Funded Scholarships for 50 Overseas Scholarships Approved By The Worthy Chief Minister, Punjab for UAF, Pakistan, Special Initiative of the Worthy Chief Minister for Faculty Development of The University vide letter No. HRD/PG/01/297-300 dated 29-05-2015.
  301. Focal Person from Office of the Controller Examinations, UAF for distribution of B.Sc.(Hons.) degree (DVM and Microbiology) and M.Phil. degree of Faculty of Veterinary Science vide No. CE/ 615 dated:12-03-2015.
  302. Assigned duties to manage and supervise the repair and maintenance of Conference Room, Department of Parasitology vide No. PAR/ 2/86 dated: 11-06-2015.
  303. Attended the meeting for the prioritization of Research and Curriculum Reforms (DVM Degree Program) Scheduled on 27-04-2015 in the Syndicate Room, UAF vide No. D/DFVS dated: 23-04-15.
  304. V.C's Nominee, Board of Examiners for Oral Comprehensive Examination of Syed Zakir Hussain Shah, Regd. No. 2006-ag- 1174, Ph.D. student, Department of Zoology, Wildlife and Fisheries at 09:30 a.m. held on 31-07-2015 vide No. CE/PA/4622 dated: 05-09-2015.
  305. Paper setter and internal examiner for Annual Examination, 2015 of LAD 1st Year Theory Papers in the subject of LAD 107, Parasitology vide No. CE/Aff. 797-814 dated: 05-09-2015.
  306. Member, Board of Examiners for Oral and Written Comprehensive Examination of Hafiz Muhammad Rizwan, Regd. No. 2011-ag- 1006, Ph.D. student, Department of Parasitology, held on 21-09-2015 at 09:00 a.m. in the Video Conference Room, Faculty of Agriculture, UAF vide No. CE/PA/3771 dated: 13-07-2015.
  307. Member, Board of Examiners for Oral and Written Comprehensive Examination of Miss Fatima Batool, Regd. No. 2013-ag- 583, Ph.D. student, Department of Zoology, Wildlife and Fisheries held on 06-10-2015 at 11:00 a.m. in the Video Conference Room, Faculty of Agriculture, UAF. vide No. CE/PA/4056 dated: 05-09-2015.
  308. Member, Board of Examiners for Oral and Written Comprehensive Examination of Miss Sobia Kanwal, Regd. No. 2013-ag- 584, Ph.D. student, Department of Zoology, Wildlife and Fisheries held on 05-10-2015 at 11:00 a.m. in the Video Conference Room, Faculty of Agriculture, UAF. Vide No. CE/PA/4055 dated: 07-08-2015.
  309. Member, Board of Examiners for Oral and Written Comprehensive Examination of Mr. Asghar Abbas , Regd. No. 2011-ag- 686, Ph.D. student, Department of Parasitology, held on 29-07-2015 at 11:00 a.m. in the Video Conference Room, Faculty of Agriculture, UAF vide No. CE/PA/3770 dated: 13-07-2015.
  310. Member, Board of Examiners for Oral and Written Comprehensive Examination of Mr. Kashif Hussain , Regd. No. 2006-ag- 1167, Ph.D. student, Department of Parasitology, UAF, held on 04-

- 08-2015 at 09:00 a.m. in the Video Conference Room, Faculty of Agriculture, UAF vide No. CE/PA/3772 dated: 13-07-2015.
311. Manager, UAF Badminton boys' team during the Inter-Varsity Badminton Boys Final Round Championship, 2014-2015 held on 29-04-2015 to 07-05-2015 at NED University, Karachi vide No. DS/15/F/PF/25/ 468 dated: 27-04-2015.
  312. Appointed as Member Badminton Sub Committee during Sports Trials for Admission 2015-2016 scheduled on 08-09-2015 vide No. DS/15/PF/F.27/593 dated: 03-09-2015.
  313. Assistant Manager, Inter-Varsity Badminton Championship-2014 from 1-04-2014 to 05-04-2014 vide letter No. DS/14/F-29/29/01 dated 25-03-2014.
  314. President, Inter-Varsity Badminton (Boys) championship-2014 (Zone F) held on February 18, 2014.
  315. Member, Hall Management Committee, Art and Literary Society (ALS) week from November 25-30, 2013.
  316. Academic Advisor, of student of DVM session 2013 – 18, vide No. DFVS/1692; dated: 10-09-2013.
  317. President, University Badminton Team for the year 2013-14, Directorate of Sports, UAF, Pakistan, vide letter No. DS/2013/F-62/1403 dated: 18-09-2013.
  318. Member, NTS Entry Test Monitoring Committee-2013 for admission to DVM degree, vide No. SR-I/19(I)/13-14/5758 dated August 3, 2013.
  319. Member, Vigilance Committee, DVM Final Term Examinations, Winter semester 2012-13, FVS, UAF
  320. Focal Person, Department of Parasitology, UAF for updating University website nominated by Dean, FVS vide No. DFVS/72, dated 14-01-2013
  321. Orientation of the students of Intermediate (Pre-Agriculture) on 13-10-2012 vide letter No. DFVS/2023 dated 11-10-2012.
  322. Performed duty on the Faculty Stall on 06-10-2012 and 09-10-2012 at the University Festival and Exhibition held from October 07-11, 2012.
  323. Deputy Superintendent, Entry Test Examination, B.Sc. (Hons.) Agricultural engineering, Food Engineering and Textile Technology, held on September 28<sup>th</sup>, 2012 vide letter No. DFVS/1886, dated 25-09-2012.
  324. Academic Advisor, of student of DVM session 2012 – 17 for 2012-13 vide No. DFVS/1713 dated 31-08-2012.
  325. Deputy Superintendent, Ph.D. Comprehensive Examination (written part), Winter Semester 2011-12, held on 07<sup>th</sup>, 10<sup>th</sup> and 12<sup>th</sup> May, 2012.
  326. Member, Awards/ Invitation Committee, Annual function-2011, Faculty of Veterinary Science, UAF, Pakistan (vide No. DFVS/1478 dated 22-06-2011)
  327. Graduate Advisor, Department of Parasitology, Faculty of Veterinary Science, UAF, Pakistan (vide notification No. DGS 17335-50 dated 18-04-2011) from 18-04-2011 to date.
  328. Tutor, Tutorial group meeting, Dr. Abdul Qadeer Khan-4, UAF, Pakistan from 19-01-2011 to date.
  329. Section Editor, Pakistan Journal of Agricultural Sciences, UAF, Pakistan vide letter No. P&D/176/2020-32 dated 26-09-2009.
  330. Member, Student Activity Training and Program Conduct Committee, Farewell Dinner -2009, Faculty of Veterinary Science, UAF, Pakistan.
  331. Member, Committee for Postgraduate Students Proforma of Quality Enhancement Cell (QEC), Spring Semester 2009, Department of Parasitology, UAF, Pakistan.
  332. Secretary, Faculty Seminar Committee for academic year (Spring Semester 2008-09 and Winter Semester 2009-10), Faculty of Veterinary Science, UAF, Pakistan.
  333. Member, Hall Management Committee, National Seminar on Animal Health - Reflections and Future Horizons, March 06, 2008, New Senate Hall, UAF, Pakistan.
  334. Convener, Student Activity Training and Program Conduct Committee, Grand Annual Gala-2008, Faculty of Veterinary Science, UAF, Pakistan.
  335. Academic Co-advisor of the students of DVM Session 2008-12.
  336. Member, Vigilance Committee (for evening students), Final Term Examinations, Winter Semester 2007-08, Faculty of Veterinary Science, University of Agriculture, Faisalabad.
  337. Team Leader of the Volunteer Students to travel to the Azad Kashmir to provide UAF relief aid for Earthquake effecties, October 2005.
  338. Member, Hall Senate, UAF, Pakistan (2003-2005).
  339. Incharge, Chemicals, Consumables, Glassware and Deadstock Stores, Department of

- Parasitology, UAF, Pakistan from 2010 to 2017.
340. Incharge, Experimental Animals, Animal Feed and Medicine, Department of Parasitology, UAF, Pakistan from 2003 to 2017.
  341. Secretary, Art and Literary Society. Faculty of Veterinary Science, UAF, Pakistan from 2004 to 2007.
  342. Assistant Superintendent, Liaqat Hall, UAF, Pakistan (2004-2006).
  343. Incharge, Museum/ Seminar Room, Faculty of Veterinary Science, UAF, Pakistan from 2003 to 2010.
  344. Assistant Superintendent, Jinnah Hall, UAF, Pakistan (2003-2004).
  345. Member, Advisory Council, Sports Society, Faculty of Veterinary Science, UAF, Pakistan from 2004 to date.
  346. Member, Refreshment Committee, Annual Function 2003, October 06, 2003, Faculty of Veterinary Science, UAF, Pakistan.

## TEACHING

- a) **Undergraduate courses**
  - PARA 201 General Parasitology and Protozoology
  - PARA 202 Helminthology
  - PARA 304 Veterinary Entomology
  - UAF 622 Citizenship Education and Community Engagement
  - BBAA-411 Animal Health Business Management
- b) **Postgraduate courses**
  - PARA 703 Fish Parasitology
  - PARA 705 Wild life Parasitology
  - PARA 708 Medical Entomology
  - PARA 710 Epidemiology of Parasitic Diseases
  - PARA 712 Physiology of Parasites
  - PARA 713 Host Parasite Interaction
  - PARA 714 Techniques in Molecular Parasitology
  - PARA 716 Biotechnology for Parasite Control
  - PARA 717 Research Planning and Scientific Writing
  - PARA 718 Special Topics in Parasitology
  - PARA 719 Special Problem
  - PARA 720 Seminar
  - PARA 721 Industrial Applications of Parasitology
  - CC 701 Research Planning, Scientific Writing and Presentation
  - CC 702 Climate Change Impact Assessment
  - CC 703 Climate Change Mitigation and Adaptation Strategies
  - CC 704 Critical Readings in Climate Change
  - CC 706 Public Health in Changing Climate
  - CC 707 Climate Change and Livestock
  - CC 719 Special Problem
  - CC 720 Seminar
  - EPH 702 Participatory Epidemiology
  - EPH 714 Food Safety and Public Health
  - EPH 717 Research Methods in Public Health and Epidemiology

## RESEARCH AREAS/INTERESTS

### a) Title of M.Sc. Research

“Immunomodulatory effect of different dosages of ivermectin in rabbits against *Pasturella multocida* antigen”

### b) Title of Ph.D. Research

“Epidemiology and acaricidal resistance of tick populations infesting domestic ruminants”



## c) Competitive Research Grants

Year	Title	Amount	Status
2024	Women empowerment for preparedness of climate change threats to the livestock and public health.		Submitted
2024	Climate resilience & One health economic impact assessment and mitigation through predictive modeling of arthropod-borne diseases in different agro geo climatic zone of Punjab, Pakistan.	5.04 Million	Submitted
2022	Feeding Interventions for Enhanced Reproductive Efficiency in Transition Cows and Breeding Bulls (Co-PI)	2.25 million PKR	Ongoing
2022	Capacity Building for research, education and training in one health in Pakistan	59700.88 US\$	Submitted
2022	Comprehensive Commissioned Research for Exploring Merits and Demerits of 5-years Composite Degree of DVM (Co-PI). Endowment Fund Secretariat. No. EFS/745-752	PKR 0.5 million	Ongoing
2022	GIS-based spatial distribution of arthropods and arthropod borne diseases in selected agro-geoclimatic zones of Punjab, Pakistan funded by National Institute of Health, Islamabad, Pakistan(PI)	2.83 million PKR	Ongoing
2022	Surveillance of Arthropods and Arthropod-borne diseases of one health significance at host-vector-environment interface at various Agro-geoclimatic zones of Punjab, Pakistan funded by Endowment Fund Secretariat, UAF.	PKR 3.867 million	Ongoing
2021	Epidemiology and control of aedes and aedes-borne disease in various agro-geoclimatic zones of Punjab, Pakistan	Nil	Submitted
2021	Establishment of the National Center of Excellence for Vectors and Vector-borne diseases Research at the University of Agriculture, Faisalabad, Pakistan submitted to the Higher Education Commission. Islamabad, Pakistan under the CPEC-Collaborative Research Grant (Project No. 145)	PKR 47.94 million	Rejected
2021	Capacity building for research, education and training in one health in Pakistan submitted to the Higher Education Commission, Islamabad, Pakistan under the Grand Challenges Fund (Project No. 824)	PKR 20.01 million	Rejected
2018	Alternate control strategies of arthropods of one health significance using ticks and mosquito models funded by National Academy of Sciences, USA.	11178.9775 US\$	Approved then halted
2018	Metagenomics of mosquito vectors and abundance of mosquito borne pathogens in different agro-geo climatic areas of Punjab, Pakistan (YEAR II) funded by Punjab Agriculture Research Board (PARB), Punjab, Pakistan	2.078 million PKR	Completed
2018	GIS based spatial distribution and alternative control of ticks and tick-borne pathogens in neglected districts of different agro-geoclimatic zones of Punjab, Pakistan funded by National Research Program for Universities (NRPU), Higher Education Commission (HEC), Pakistan	PKR 6.06 million	Granted and returned
2018	Project titled "One health and food security interface: Distribution of food-borne pathogens in different agro-ecologies of Punjab, Pakistan and Konya, Turkey" submitted under TUBITAK-PSF Bilateral Cooperation Call 2017-18. Vide No. ORIC/ 1064, dated 13-02-18.	PKR 13.7957 million	Rejected

Year	Title	Amount	Status
2017 to date	Epidemiology, advance diagnosis and biological control model of ticks and tick-borne diseases in ruminants at two ecologies of Pakistan. (PI) <b>Submitted</b> to Pakistan Agricultural Research Council (PARC), Agricultural linkages program (ALP)	PKR 3.6223 million	On-going
2017 to date	Scanning of livestock population for ticks and tick-borne diseases in some selected districts of Azad Kashmir, Pakistan. (Co-PI), Pakistan Agricultural Research Council (PARC), Agricultural linkages program (ALP)	PKR 06 million	
2017	"One health and food security interface: Distribution of food-borne pathogens in different agro-ecologies of Punjab, Pakistan and Konya, Turkey" <b>concept note submitted</b> to Higher Education Commission, Islamabad.	PKR 25.88 million	Rejected
2016-2017	Metagenomics of mosquito vectors and abundance of mosquito borne pathogens in different agro-geo climatic areas of Punjab, Pakistan. US. Pakistan Center for Advanced Studies in Agriculture and Food Security (USPCAS-AFS), University of Agriculture, Faisalabad, Pakistan. YEAR I vide No. CAS/F&G/306 dated January 30 <sup>th</sup> , 2016. (PI)	PKR 4.52 million	Completed
2017	Surveillance of parasitic fauna of public and livestock significance from different water bodies and vegetables in Faisalabad. (Co-PI)	PKR 2.499 million	Completed
2016	An Insight into the rickettsia communities associated with ectoparasitic fauna in Pakistan. Higher Education Commission through NRPU. Provisional Award letter received vide 20-3246/NRPU/R&D/HEC/14/308 dated 06-10-2015. (Co-PI)	PKR 3.16 million	Completed
2014 - 2017	Phototherapy: An easy and economic way to cure the gastrointestinal parasites in sheep, Higher Education Commission, Islamabad (No. 20-2666/NRPU/R&D/HEC/13: (PI)	PKR 2.12 million	Completed
2013 - 2016	Comparative susceptibility of some indigenous breeds of goats to gastrointestinal parasitism funded by Pakistan Science Foundation, Islamabad, Pakistan. (Co-PI)	PKR 2.95 million.	Completed
2010-2013	Arthropod functional genomics initiative: Building community resources for animal health. Funded by HEC, US bio-engagement program, USAID and Ministry of Science and Technology. (Co-PI)	US\$ 206,146.00	Completed
2010-2013	Screening livestock population of marshy districts of Punjab through conventional and immunological methods and determination of risk factors and comparative chemotherapeutic control of fascioliasis. Funded by Higher Education Commission, Islamabad, Pakistan. (Co-PI)	PKR 2.24 million	Completed
2007-2010	"Epidemiology of parasitic fauna of domestic animals of tehsil Toba Tek Singh" funded by Endowment Fund Secretariat, University of Agriculture, Faisalabad (Co-PI).	PKR 2.32 million	Completed
2006	Incidence and economic losses of parasitic helminthes of Nestle milk collection areas with particular reference to Fascioliasis funded by Nestle Pakistan Limited, Sheikhpura, Pakistan (PI)	PKR 0.05 million	Completed

#### Students Research Projects Supervised

Sr. No	Name	Department	Awarded by	Amount	Status
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1.	Kashif Hussain	Parasitology	Higher Education Commission under indigenous 5000 Ph.D. Fellowship Phase II, Batch V	441,000	Ongoing
2.	Mahvish Nasir	Parasitology	Higher Education Commission under indigenous 5000 Ph.D. Fellowship Phase II, Batch V	441,000	Ongoing

#### d) Current Areas of Interests

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- Molecular methods used in the diagnosis and control of arthropod and arthropod-borne infections.
  - Epidemiological surveys and control measures of various arthropods and arthropod-borne parasites of one health significance prevalent in Pakistan.
  - Drug resistance against various protozoa, helminths and arthropod parasites/ vectors.
  - Teaching various undergraduate and postgraduate courses and postgraduate mentoring in the field of Parasitology, Epidemiology and Public Health and Climate Change.
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#### e) International Collaborations

1. Prof. Dr. Janet Foley, Department of Medicine and Epidemiology, School of Veterinary Medicine, University of California, Davis, USA.
2. Prof. Dr. Sharon Thompson, Director, Center for Advanced Studies and Food Security, University of Tennessee, Knoxville, USA.
3. Dr. Abdul Majeed Al-Rawahi, Director, Veterinary Research Centre, Rumais, Sultanate of Oman.
4. Prof. Dr. Glen Needham, Department of Entomology, The Ohio State University, Columbus, Ohio, USA.
5. Prof. Dr. Thomas, Nolan, Laboratory of Parasitology, University of Pennsylvania, Philadelphia, USA.
6. Prof. Dr. Harry P De Koning, Professor of Parasitology, Institute of Biomedical and Life Sciences, Division of Infection and Immunity, Glasgow Biomedical Research Centre, University of Glasgow, Scotland, UK.

#### f) National Collaborators:

1. Dr. Raazia Nadeem, Assistant Professor, Department of Chemistry, UAF, Pakistan.
2. Prof. Dr. Hammad Ahmad Khan, Department of Zoology, UAF, Pakistan.
3. Prof. Dr. Waseem Akram, Entomologist and Head of Research and Development Program on Dengue Vector / Chief Minister's Secretariat, Lahore, Punjab, Pakistan
4. Dr. Muhammad Naveed, Assistant Professor, Institute of Soil and Environmental Sciences, UAF, Pakistan
5. Dr. Farooq Tahir, National Agricultural Research Council, Islamabad/ Technical Advisor on One Health for Pakistan. Health Security Partners (HSP), USA will assist in field epidemiological protocols for collection of specimens and affiliated data.
6. Dr. Muhammad Yaseen, Chairman, Department of Mathematics and Statistics, University of Agriculture, Faisalabad, Pakistan will assist in statistical analyses of the data.
7. Dr. Raaziya Nadeem, Assistant Professor, Department of Chemistry will assist in handling of Cu and S nanoparticles for *in vitro* assays.
8. Dr. Rubina Anjum, District Disease Investigation and Control Officer, Liaquat Road, Faisalabad.
9. Dr. Muhammad Saqib, Assistant Professor, Department of Veterinary Clinical Medicine and Surgery, UAF, Pakistan will assist in guiding for restraining and handling of animals during collection of tick specimens.
10. Dr. Murtaz-ul-Hassan, Associate Professor/ Parasitologist, PMAS Arid Agriculture University, Rawalpindi.
11. Dr. Wasim Babar, Assistant Professor/ Parasitologist, Islamia University of Bahawalpur, Punjab, Pakistan.
12. Dr. Muhammad Imran Arshad, Assistant Professor, Institute of Microbiology, UAF, Pakistan.

**g) Countries Visited**

<b>Sr. No.</b>	<b>Country Visited</b>	<b>Purpose/ Achievement</b>	<b>Duration</b>	<b>Sponsorship agency</b>
1.	USA	Fulbright Post-Doctoral Fellowship (Teaching and Research) at the University of California, Davis, USA	June 26, 2019 to June 14, 2020	The United States Educational Foundation in Pakistan (USEFP)
2.	Thailand	Participation in One Health Research Symposium organized by the National Academy of Sciences, USA	July 07-14, 2018	The National Academy of Sciences, USA.
3.	Jordan	Participated in International Conference on "Transformation Through Improving Livelihoods"	October 17-18, 2017	Punjab Agriculture Research Board, Pakistan
4.	Malaysia	Participated in 26 <sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology (WAAVP) held at Convention Center Kuala Lumpur, Malaysia on September 4-8, 2017.	September 4-8, 2017.	Higher Education Commission, Pakistan
5.	Turkey	Mevlana Academic Exchange Program, Selçuk University, Veterinary Faculty, Department of Parasitology, Konya, Turkey	February 13 – March 13, 2017	Mevlana Exchange Program, Turkey
6.	Thailand	Participated in Agriculture and Food Risk Assessment Training Program	October 21 – 30, 2016	The Center for Agriculture and Food Security and Preparedness (CAFSP), Institute of Agriculture, The University of Tennessee, Knoxville, USA
7.	Malaysia	Participated in a USA Training Program 2016 at Malaysia	August 13 – 19, 2016	The CAFSP, Institute of Agriculture, The University of Tennessee Knoxville, USA
8.	The Netherlands	Participation in the Workshop on Livestock Modelling" held at The University of Wageningen, The Netherlands	June 12 – 17, 2016	Agricultural Model Inter-comparison and Improvement Project (AgMIP) Phase II funded by UKAID
9.	Bangladesh	Participation in the Workshop on Mainstreaming Climate Change Adaptation in Agriculture" FARS Hotels and Resorts, Dhaka, Bangladesh	April 24 – 28, 2016	Asian Productivity Organization, Tokyo, Japan and National Productivity Organization, Bangladesh
10.	Senegal	Integration Workshop of Agricultural Model Inter-comparison and Improvement Project Phase II	February 20-29, 2016	AgMIP, Pakistan
11.	Malaysia	Research Presentation at "6 <sup>th</sup> Asean Congress of Tropical Medicine and Parasitology" Intercontinental Hotel, Kuala Lumpur, Malaysia. Organized by Malaysian Society of Parasitology and Tropical	March 5 – 7, 2014	Higher Education Commission, Pakistan

Sr. No.	Country Visited	Purpose/ Achievement	Duration	Sponsorship agency
		Medicine		
12.	Argentina	Research Presentation in “23 <sup>rd</sup> International Conference of the WAAVP-2011”, Buenos Aires, Argentina	August 21 – 25, 2011	Higher Education Commission, Pakistan
13.	United Arab Emirates	Presentation of project entitled “Arthropod Functional Genomics: Building Community Resources for Animal Health” in Pakistan-U.S. Science and Technology Cooperation Conference-2011	March 21 – 24, 2011	National Academy of Sciences, USA under USAID
14.	United States of America	HEC Post-Doctoral Fellowship	January 15,- November 26, 2010	Higher Education Commission, Islamabad, Pakistan
15.	Thailand	Research Presentation in “35 <sup>th</sup> Veterinary Medicine and Livestock Development Annual Conference (VMLDAC) and Federation of Asian Small Animal Veterinary Association Conference -2009” Bangkok International Trade and Exhibition Centre (BITEC), Bangkok, Thailand.	November 02-05, 2009	Endowment Fund Secretariat, University of Agriculture, Faisalabad
16.	China	Research Presentation in the “6 <sup>th</sup> Asia-Pacific Congress of Entomology (APCE) 2009” held in Beijing, China.	October 18 – 22, 2009	Pakistan Agriculture Research Board, Lahore, Pakistan
17.	Sultanate of Oman	Research Training to the Scientists of Veterinary Research Centre (VRC), Rumais, Oman	Sept 10 – Dec 09, 2008	Ministry of Agriculture, Sultanate of Oman
18.	Canada	Research Presentation in “28 <sup>th</sup> World Veterinary Congress” Vancouver, BC, Canada	July 27–31, 2008	Higher Education Commission, Islamabad, Pakistan
19.	United Kingdom	Attending Three Months Training in University of Glasgow, Scotland, UK	Feb 05 – May 05, 2007	Higher Education Commission, Islamabad, Pakistan
20.	Argentina	Research Presentation in “3 <sup>rd</sup> Intl Congress on Pthiraptera” Buenos Aires, Argentina	October 16– 20, 2006	Higher Education Commission, Pakistan
21.	Gambia	Research Presentation in “Kinetoplastid Disease-2006, Session III” Tendaba, The Gambia	March 15– 19, 2006	Higher Education Commission, Islamabad, Pakistan
22.	Senegal	Research Presentation in “Kinetoplastid Disease-2006 Sessions I and II”, Hotel de Independence, Senegal	March 11– 15, 2006	Higher Education Commission, Islamabad, Pakistan

## h) List of M. Phil Students

As Supervisor (the students got M.Phil. Parasitology degree unless mentioned otherwise)

Sr. No.	Name of student	Regd. No.	Title of Thesis	Status
1.	Junaid Ashraf	2004-ag-1661	Epidemiology and associated risk factors of ecto-parasitic fauna infesting dogs of district Faisalabad	Completed (2012)
2.	Roman Farooq Alvi	2005-ag-1150	Epidemiology and associated determinants of gastrointestinal parasites of selected one-humped camel ( <i>Camelus dromedarius</i> ) population in Thal desert (Bhakkar)	Completed (2012)
3.	Rao M Siddique	2005-ag-1048	Prevalence of tick-borne piroplasmosis in	Completed

Sr. No.	Name of student	Regd. No.	Title of Thesis	Status
			cattle and buffaloes of district Khanewal	(2012)
4.	Muaz Khalid	2005-ag-1147	Epidemiology of ectoparasitic fauna of equine population of Faisalabad metropolitan	Completed (2013)
5.	Tabassam Fatima	2006-ag-1151	Epidemiology of endo-parasitic fauna of layer birds in district Faisalabad	Completed (2013)
6.	Urfa Bin Tahir	2006-ag-1213	Epidemiology and associated risk factors of gastrointestinal parasites in equine population of Faisalabad	Completed (2013)
7.	M. Jawad-ul-Hassan	2006-ag-1164	Molecular epidemiology of Theileria species in selected cattle and buffalo population of districts Khanewal and Faisalabad, Punjab, Pakistan	Completed (2014)
8.	Hafiz M. Rizwan	2007-ag-1624	Application of indigenous ELISA for seroepidemiology of goat fascioliasis in district Sargodha, Punjab, Pakistan	Completed (2014)
9.	Asma Kausar	2006-ag-1053	Molecular detection of Piroplasma species in Hyalomma ticks of Pakistan	Completed (2014)
10.	Qurat-ul-Ain	2007-ag-1552	PCR-based distribution of the spotted fever group rickettsiae in cattle, buffalo and tick populations of district Faisalabad	Completed (2015)
11.	Naveed Iqbal	2008-ag-2931	Molecular characterization of different species of mosquitoes of selected districts of Punjab, Pakistan	(Completed 2015)
12.	Waqas Khan	2014-ag-37	Role of migratory birds as reservoirs of gastrointestinal parasites	Completed (2016)
13.	Mahvish Maqbool	2009-ag-3421	Molecular screening of piroplasma from ticks collected from Sialkot, Gujranwala and Gujarat districts of Punjab, Pakistan.	Completed (2016)
14.	Aimen Sabir	2008-ag-2808	Molecular screening of piroplasms from ticks of district Chakwal, Punjab, Pakistan.	Completed (2016)
15.	Shabab ahmad	2014-ag-8159	Epidemiology and control of GI parasites of selective villages of district Faisalabad	Completed (2016)
16.	Khizer Hayat	2009-ag-3474	PCR based distribution of Plasmodium species in mosquito vectors of Faisalabad district, Punjab, Pakistan.	Completed (2016)
17.	M. Abdullah Malik	2009-ag-3468	Comparative efficacy of oral formulations of Ivermectin and Levamisole under in vitro conditions against <i>Haemonchus contortus</i> procured from slaughter house of Faisalabad, Pakistan.	Completed (2016)
18.	Saood Ahmad	2014-ag-1105	Correlation of plant and serum mineral profile with the gastrointestinal parasitism in domestic sheep of Multan, Pakistan.	Completed (2017)
19.	Waqas Altaf	2009-ag-3442	Epidemiology and control of gastrointestinal parasitic fauna of European albino rabbits of Faisalabad district, Punjab, Pakistan	Completed (2017)
20.	Haider Abbas	2010-ag-2405	Metagenomics of Plasmodium species in vector population of different agro-geoclimatic areas of Punjab, Pakistan	Completed (2017)
21.	Saba Mehnaz	2011-ag-2408	Description of Culicoides (Diptera: Ceratopogonidae) from selected areas of Pakistan	Completed (2018)
22.	Awais Adil (M.Sc.	2010-ag-2469	Identification of endosymbionts from hard ticks	Completed

Sr. No.	Name of student	Regd. No.	Title of Thesis	Status
	Hons.) Climate Change		of different agro-geoclimatic areas of Punjab, Pakistan	(2018)
23.	Ayesha Akram	2011-ag-2493	Frequency distribution and vector role of soft ticks (Acari: Argacidae) in the backyard poultry of the peri-urban areas of Faisalabad	Completed (2019)
24.	Adil Ejaz	2011-ag-2393	Molecular surveillance of Rickettsiales in ticks of district Chakwal, Punjab, Pakistan	Completed (2018)
25.	Aiman Batool	2016-ag-858	Parasitic fauna of the indigenous small ruminants of district Dera Ismail Khan, Khyber Pakhtunkhwa.	Completed (2019)
26.	Kashif Hussain	2012-ag-2653	Epidemiology and Trans-Placental Transmission of Tick-borne Anaplasmosis in selected cattle population of Jhang District, Punjab, Pakistan	Completed (2019)
27.	Samia Anwar	2017-ag-3698	Prevalence and Vectorial Capacity of Snails from Khushab, Punjab, and Rawalakot, Azad Jammu and Kashmir	Completed (2019)
28.	Mahnoor Akbar M.Phil Epidemiology and Public Health	2013-ag-3698	Taxonomy of Cockroaches and Isolation of Cockroach-borne <i>Escherichia Coli</i> and Salmonella from households of Metropolitan Faisalabad, Pakistan	Completed (2020)
29.	Syed Hussain Ahmad Shah Epidemiology and Public Health	2017-ag-4999	Epidemiology	Completed (2020)
30.	Aarzo Ashraf Epidemiology and Public Health	2020-ag-881	Participatory Epidemiological Approaches for Risk Assessment of Bed Bug Infestation in Public Hospitals of District, Faisalabad	Completed (2022)
31.	Nahal Alam Epidemiology and Public Health	2015-ag-7420	Participatory Epidemiology of the Opportunistic Pathogens in COVID Pandemic in Faisalabad.	Completed (2022)
32.	Akasha Tanveer	2015-ag-5977		
33.	Maria Kausar	2015-ag-5973	Molecular Taxonomy and Ecology of Mosquitoes of the Selected Districts of Central Punjab, Pakistan	Completed (2023)
34.	Sahar Younis	2013-ag-2137	<i>In vitro</i> Testing of Sulphur and Copper Nanomaterials against Various Developmental Stages of Hard Ticks (Acari: Ixodidae)	Completed (2022)
35.	Sadia Ghazanfer	2020-ag-411	Epidemiology of Snails and Trematodes in District Mandi Bahauddin, Punjab, Pakistan	Completed (2022)
36.	Leena Khawar	2020-ag-414	Epidemiology of Endoparasitic Fauna in Poultry Population of Faisalabad, Punjab, Pakistan	Completed (2023)
37.	Muhammad Rehman	2020-ag-413	Epidemiology of Echinococcus in Domestic and Stray Animals in Faisalabad, Punjab, Pakistan	Completed (2023)
38.	Muhammad Tayyeb	2014-ag-4019	Seroprevalence of Trichomoniasis in the Selected Population of Cattle and Buffaloes Punjab, Pakistan.	Completed (2023)
39.	Tahira Iftakhar	2016-ag-7060	Participatory and Molecular Surveillance of Tick-borne Theileriosis and Anaplasmosis in District Bahawalpur, Punjab, Pakistan	Completed (2023)
40.	Wajeeha Rafaqat (EPH)	2021-ag-1093	Retrospective Surveillance of Malaria in the Tertiary Care Hospitals of Faisalabad	Completed (2023)

Sr. No.	Name of student	Regd. No.	Title of Thesis	Status
41.	Attaullah (EPH)	2016-ag-8055	Epidemiology of Human Leishmaniasis and its Vector from Selected Districts of Balochistan, Pakistan	Completed (2023)
42.	Hina (Climate Change)	2022-ag-892	Participatory risk assessment and modelling of arthropods and arbo diseases in the selected agro-geo climatic zones of punjab, pakistan	Completed (2024)
43.	Ansa	2023-ag	TBD	Thesis submitted
44.	Mahnoor Mazahr (Climate Change)	2023-ag-647	Participatory Epidemiology and Predictive modelling of Arthropods in different agro-geo climatic zones of punjab, pakistan	Synopsis Submitted
45.	Akbar Ali	2023-ag-242	Participatory risk assesment of parasites in the livestock population of balochistan	Synopsis Submitted
46.	Anam Ghos	2023-ag-	Arthropods from Cage birds	
47.	Fawad Ali Raza (Climate Change)	2024-ag-651	Predictive Modelling of Arthropod-borne diseases through Arima Model in different agro-geo climatic zones of punjab, pakistan	
48.	Mubeen (Climate Change)	2018-ag-773	TBD	

#### As Member Supervisory Committee

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
1.	Imran Qaisar	2004-ag-21	Parasitology	Anthelmintic activity of five indigenous plants against <i>Haemonchus contortus</i>	Completed (2008)
2.	M. Kasib Khan	2002-ag-432	Parasitology	Epidemiology and cost-benefit analysis of bovine fascioliasis in some districts of Punjab, Pakistan	Completed (2008)
3.	Ahmad Fraz Tariq	2004-ag-1705	Parasitology	Effect of wheat ( <i>Triticum aestivium</i> ) bran polysaccharides (arabionxylans) on humoral immune response in chickens and its therapeutic efficacy against avian coccidiosis	Completed (2011)
4.	Awais Ali Ahmad	2005-ag-1145	Parasitology	Sero-prevalence of <i>Toxoplasma gondii</i> in the backyard poultry of rural areas of district Faisalabad, Pakistan	Completed (2012)
5.	Mansoor Ahmad	2005-ag-1136	Parasitology	Slaughter house-based epidemiology of Fascioliasis in small ruminant and comparative efficacy of commercial fasciolicides in district Sargodha	Completed (2012)
6.	Muhammad Waqas Hassan Khan	2005-ag-1131	Parasitology	Point prevalence of gastrointestinal parasites of ruminants and haematological profile of infected animals of Paroka dairy farm, Faisalabad	Completed (2012)
7.	Muhammad Shoaib Azhar	2006-ag-1189	Parasitology	Immunomodulatory and anticoccidial activities of	Completed (2013)



Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
				defatted methanolic extract of <i>Emblica officinalis</i> (amla)	
8.	Aftab Hussain Aftab	2011-ag-890	CMS	Sero-prevalence and risk factors of surra ( <i>Trypanosoma evansi</i> ) in camel population of selected ecological zones of Punjab	Completed (2013)
9.	Mujeeb-ur-Rehman	2007-ag-1520	CMS	Sero-prevalence of <i>Toxoplasma gondii</i> infection in camels in different ecological zones of Punjab, Pakistan	Completed (2014)
10.	Hamid Ullah	2013-ag-38	CMS	Sero-prevalence of toxoplasmosis ( <i>Toxoplasma gondii</i> ) in client owned and feral dogs.	Completed (2015)
11.	Ali Imran Raza	2007-ag-1612	CMS	Spatial distribution of Crimean-congo haemorrhagic fever in Hyalomma ticks (Arachnida: Ixodidae) in selected districts of Pakistan	Completed (2015)
12.	Munavar Ahmad	2007-ag-1591	Parasitology	Efficacy of copper oxide wire particles alone and in combination with <i>Chenopodium album</i> against drug resistant population of <i>Haemonchus contortus</i>	Completed (2015)
13.	Hina Tanveer	2014-ag-825	Microbiology	Prevalence of antibiotic resistance in Streptococci responsible for dental plagues in Faisalabad district	Thesis submitted (2016)
14.	Touqeer Mahmood	2009-ag-3504	Microbiology	----- -----	Completed (2016)
15.	Muhammmad Adeel Hassan	2008-ag-2894	Parasitology	PCR based distribution of Piroplasmosis in the small ruminant population of districts Khanewal and Rahim Yar Khan	Completed (2015)
16.	Faiza Bano	2014-ag-609	Parasitology	Freuency distribution of fleas in dogs in district Rawalpindi	Completed (2016)
17.	Anjum Jamil	2008-ag-2898	Parasitology	Seroprevalence of Toxoplasmosis ( <i>Toxoplasma gondii</i> ) in small ruminant population of district Sahiwal, Punjab, Pakistan	Completed (2017)
18.	Arsalan Zafar	2008-ag-2888	Parasitology	Sero-epidemiology of <i>Fasciola hepatica</i> in small ruminant population in Chakwal, Punjab, Pakistan.	Completed (2016)
19.	Nimat ullah	2015-ag-1848	Microbiology	Molecular detection of Hepatitis C virus, frequency distribution and associated risk factors in district Swat.	Completed (2017)
20.	Qandeel Nazir	2014-ag-948	CMS	Investigation on blood parasites	Completed

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
				of goats in winter season in hospital setting of Faisalabad metropolis: (I) Prevalence rate, (II) Semiology, and (III) treatment response	(2016)
21.	Ayesha Zia	2014-ag-947	CMS	Investigations on blood parasites of sheep in winter season in hospital settings of Faisalabad metropolis: (I) prevalence rate, (II) semiology and (III) treatment response	Completed (2016)
22.	Zaib-un-Nisa	2009-ag-3424	CMS	Molecular detection and characterization of Babesia species in symptomatic and asymptomatic dogs	Completed (2016)
23.	Abdullah Haris	2010-ag-3699	Entomology	Effect of temperature and humidity on the developmental stages of mosquito ( <i>Aedes aegypti</i> )	Completed (2016)
24.	Ghulam Musadaq	2010-ag-2533	Microbiology	Investigation of circulating liver-specific microRNAs as non-invasive diagnostic biomarkers for chronic Hepatitis B in human	Completed (2017)
25.	Muhammad Shoaib Irshad	2014-ag-1200	Parasitology	-----	Completed (2017)
26.	Mohsin Niaz	2009-ag-3476	Parasitology	Questionnaire survey of management practices of game horses in Punjab and in-vitro evaluation of comparative efficacy of commonly used anthelmintics	Completed (2017)
27.	Saima Nawaz	2011-ag-37	Entomology	Taxonomy of adult mosquitoes (Culicidae: Diptera) in district Faisalabad (Pakistan)	Completed (2017)
28.	Sana Akram Awan	2011-ag-3814	Entomology	Behavioral studies of Bed Bugs <i>Cimex lectularius</i> (Cimicidae: Hemiptera) against some botanical extracts.	Completed (2017)
29.	Sidra Akbar	2011-ag-3278	Microbiology	Optimization of biomass and lipid production potential of different algal strains under salinity stress by response surface methodology	Completed (2017)
30.	Sundas Riaz	2011-ag-35	Entomology	Distribution and taxonomic studies of immatures of mosquito in various habitats	Completed (2017)
31.	Muhammad Numan	2014-ag-1286	CMS	Sero-prevalence and evaluation of risk factors of paratuberculosis in camels of Cholistan, Pakistan	Thesis submitted (2016)
32.	Rana Hamid Ali Nisar	(2010-ag-2542)	Parasitology	Participatory epidemiology of ectoparasites Infesting domestic livestock population in district	Completed (2018)

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
				Multan, Punjab, Pakistan.	
33.	Aleena Khalid	2014-ag-1135	Zoology, Wildlife and Fisheries	Effect of diurnal temperature on migration of birds in and around communal roosts.	Completed (2019)
34.	Bia Sarfaraz	2014-ag-1988	Zoology, Wildlife and Fisheries	Survey of population abundance of some passerines close to industrial habitats in the vicinity of Faisalabad.	Completed (2019)
35.	Ali Aashar	2015-ag-3708	Parasitology	TBD	Completed (2019)
36.	Muhammad Zahid Masood	2017-ag-77	Entomology	TBD	Completed (2019)
37.	Muhammad Shahid Zafar	2017-ag-0062	Entomology	TBD	Completed (2019)
38.	Zeeshan ALI	2011-ag-2312	Entomology	Behavioral study of Bacterocera cucurbitae towards pheromones in y-tube olfactometer	Completed (2020)
39.	Bilal Ahmad	2013-ag-2669	Pathology	Molecular epidemiology and pathobiology of infectious bronchitis virus (IBV) related respiratory syndrome in co-infection with avian influenza from commercial poultry	Completed (2020)
40.	Abdul Rehman Khan	2019-ag-354	CMS	Comparative relation of California mastitis test, surf field mastitis test and modified surf field mastitis test in cattle and buffaloes	Completed (2021)
41.	Muhammad Ahsan Ahmad	786-S2104003	Parasitology	TBD	Ongoing
42.	Amna Ahmad	2015-ag-5938	Parasitology	In Vitro evaluation of anthelmintic activity of chemically synthesized Iron Oxide nanoparticles against Heamonchus Contortus	Ongoing
43.	Jawad Younas	2020-ag-867	EPH	Investigation on the prevalence of enterotoxigenic <i>Staphylococcus aureus</i> in farms and retailers bulk milk samples in Peshawar metropolis	Completed (2023)
44.	Fazal Bari	2016-ag-8056	EPH		Completed (2023)
45.	Amama	2021-ag-1084	EPH		Completed (2023)
46.	Fareeha Shafique	2018-ag-938	Zoology		Completed (2023)
47.	Muhammad Asad	2014-ag-3304	Parasitology		Completed (2023)
48.	Hafiz Muhammad Zohaib	2022-ag-371	Parasitology		Completed (2024)
49.	Fakiha Asgar	20217-ag-8229	CMS		Completed (2024)
50.	Khadija Batool	2022-ag-1537	Zoology		Completed

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
					(2024)
51.	Faisal Jawad	2022-ag-1637	Zoology		Completed (2024)
52.	Husnain Abbas	2023-ag-1178	Chemistry		
<b>M.Phil Students Co-Supervised</b>					
53.	Kashaf Yaseen	2011-ag-3809	Microbiology	Meta genomics of mosquito borne viruses in different agro-geo climatic areas of Punjab, Pakistan.	Completed (2017)
54.	Sajid Nisar	2011-ag-2466	MSc. (Hons) Climate Change	Correlation of changing climate with the temporal distribution of diarrhoea and pneumonia in children	Completed (2018)

**i) List of Ph.D. students  
As Supervisor**

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
1.	Asif Iqbal	2003-ag-2131	Parasitology	Epidemiology of ticks and tick-borne theileriasis in cattle and buffaloes of district Toba Tek Singh	Completed (2014)
2.	Asim Shamim	2003-ag-240	Parasitology	Studies on the resistance of Teddy and Beetal goat breeds towards <i>Haemonchus contortus</i> in district Faisalabad	Completed (2016)
3.	Rao Muhammad Siddique	2005-ag-1048	Parasitology	Molecular epidemiology of Babesia species in host and vector populations of some selected areas of Pakistan	Completed (2020)
4.	Hafiz Muhammad Rizwan	2007-ag-1624	Parasitology	Association of the trace mineral profile of soil, forages and blood with gastrointestinal helminthiasis in grazing sheep of district Sialkot, Punjab, Pakistan	Completed (2018)
5.	Mahvish Maqbool	2009-ag-3421	Parasitology	Metagenomics, functional genomics and alternate control strategies of ticks collected from Faisalabad district, Punjab, Pakistan.	Completed (2022)
6.	Muhammad Abdullah Malik	2009-ag-3468	Parasitology	Epizootiology and functional genomics of <i>Aedes aegypti</i> for alternate control strategies in selected study districts of Punjab, Pakistan.	Completed (2023)
7.	Rana Hamid Ali Nisar	2010-ag-2542	Parasitology	Screening of livestock populations for ticks and tick-borne diseases in some selected districts of Azad Jammu and Kashmir	Oral Comprehensive Passed (2022)
8.	Mahvish Nasir	2020-ag-1603	Parasitology	TBD	Oral Comprehensive Passed (2022)
9.	Kashif Hussain	2012-ag-2653	Parasitology	Epidemiology and resistance of Theileria species in ruminant	Oral Comprehensive

				populations of three agro-geoclimatic zones of Punjab, Pakistan	Passed (2022)
10.	Muhammad Zeeshan	2018-ag-1914	Parasitology	Acaricidal resistance and alternative control of tick-populations from selected area of Southern Punjab, Pakistan	Oral Comprehensive Passed (2022)
11.	Sadia Ghazanfer	2020-ag-411	Parasitology	TBD	Oral Comprehensive Passed (2024)
12.	Waqas Ahmad	2014-ag-37	Parasitology	Epidemiology and control of ticks and tick-borne diseases in different agro-geoclimatic zones of Khyber Pakhtunkhwa and FATA.	Thesis Defended (2024)

**As foreign Co-Supervisor**

Sr. No.	Name of student	Institution	Department	Title of Thesis	Status
1.	Muhammad Adeel Hassan	Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences	Preventive Veterinary Science	Molecular and serological epidemiology and genetic variability of <i>Piroplasma</i> species from selected areas of China and Pakistan.	Completed (2018)
2.	Tabassam Fatima	College of Veterinary Medicine, Huazhong Agricultural University, China	Preventive Veterinary Science	Molecular epidemiology of <i>Toxoplasma gondii</i> in camel from selected areas of Punjab, Pakistan	Thesis Submitted (2019)

**As Member Supervisory Committee**

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
1.	Awais-ur-Rahman Sial		CMS		
2.	Khurram Goraya	95-ag-1002	Parasitology	Documentation of parasitic diseases and traditional veterinary practices in equines in Faisalabad, Pakistan	Completed (2013)
3.	Tauseef-ur-Rehman	2002-ag-441	Parasitology	ELISA-based surveillance of bovine fascioliasis in district Sargodha	Completed (2013)
4.	Rubina Anjum	90-ag-654	Parasitology	ELISA-based surveillance of small ruminant fascioliasis in district Sargodha	Completed (2015)
5.	Shafiq ullah	96-ag-1164	Parasitology	Documentation of traditional veterinary practices and validation of anti-parasitic activity of some herbal formulations.	Completed (2014)
6.	Abdul Qudoos	87-ag-850	Parasitology	Effect of trace elements profile of different soils and forages on	Completed (2016)

Sr. No.	Name of student	Regd. No.	Department	Title of Thesis	Status
				gastrointestinal helminthiasis in sheep.	
7.	Awais-ur-Rehman Sial	2004-ag-1599	CMS	Sero-epidemiology and clinical survey of feline immunodeficiency and feline leukemia virus among cats in Punjab, Pakistan.	Completed (2020)
8.	Imaad Rashid	2004-ag-1658	CMS	Sero-prevalence, semiology, and molecular investigations of Q fever in institutional dairy farms in Punjab, Pakistan.	Completed (2018)
9.	Arooj Shafqat Cheema	2012-ag-570	Zoology	Ecological diversity of <i>Passer domesticus</i> and <i>Columbia livia domestica</i> in the selected habitats and their parasitic fauna in wildlife parks of Punjab, Pakistan	Oral Examination Passed
10.	Muhammad Imran	2007-ag-1646	Parasitology	Comparative susceptibility of Dera Din Panah and Nachi Goat breeds of district Muzaffargarh, Pakistan to gastrointestinal parasites with special reference to <i>Haemonchus contortus</i>	Completed (2018)
11.	Zaeem Abbas	2008-ag-2907	CMS	Serological and molecular investigations of Anaplasmosis in Camels in Punjab, Pakistan	Completed (2020)
12.	Abdul Jabbar	96-ag-1314	Microbiology	Epidemiology, Molecular Characterization and AntibioGram of <i>Mycoplasma bovis</i> isolated from milk in district Faisalabad	Completed (2023)
13.	Faiq Ahmad	2009-ag-3516	CMS	TBD	Oral Passed
14.	Hussnain Rashid	2012-ag-2627	Theriogenology	Investigating the effect of negative energy balance on puerperal reproductive performance of nili-ravi buffalo	Ongoing
15.	Ali Hassan	2011-ag-2134	CMS	TBD	Oral Passed
16.	Hira Altaf	2013-ag-2677	Parasitology	Abattoir Based Survey and Evaluation of Nano-capsulated Anthelmintics and Selected Herbal Compounds against <i>Haemonchus Contortus</i>	Synopsis defended
17.	Faiqa Tabassum	2016-ag-6557	Microbiology	Molecular Epidemiology of Hemolysin Producing <i>Staphylococcus aureus</i> in human, animal and environmental interface	Synopsis defended
18.	Anam Munir	2020-ag-402	Microbiology		Course work completed
19.	Kashaf Yaseen	2011-ag-3809	Microbiology		Completed 2024
20.	Muhammad Aoun	2001-ag-587	Pathology	Pathology and Molecular Epidemiology of Chicken infectious anemia in commercial poultry	Completed 2024

**j) Undergraduate student Internees**

Sr. No.	Name of student	Regd. No.	Degree	Institute	Title	Duration
1.	Tuheed Ahmad Ayaz	2008-FST-8112-UHS	B.Sc (Hons.) Biotechnology	Faisalabad Institute of Research, Science and Technology (affiliated with the University of Health Sciences Lahore)	PCR based detection of Theileriosis in selected populations of cattle and buffalos of Faisalabad	Nov 15 <sup>th</sup> , 12 – Feb 15 <sup>th</sup> , 13.

**SUMMARY OF PUBLICATIONS****a) Research Papers/ Review Papers Published/ Submitted**

i. Impact Factor journals	115
ii. HEC Recognized/Non Recognized	21

**b) Books/ Booklets/ Monographs**

i. Books/ Chapters	12
ii. Monographs/Manuals/	2
iii. Extension Booklets	3

**c) Abstracts/ Papers in Proceedings of National/ International conferences**

i. International/ Foreign	71
ii. National	162

**d) Extension/ News paper/ In-house organ articles**

i. International	02
ii. National	105
iii. In-house organs	10
<b>Total</b>	<b>504</b>

**PUBLICATIONS**

Articles published by referred journals (Cumulative Impact Factor 2024 = 271.528)

**a) International**

	List of Publications	Impact Factor
1.	Yaseen, K., Ali, S., Rahman, S.U. and <b>Sajid, M.S.</b> , 2025. Comparative Molecular Virulence Typing and Antibiotic Resistance of Campylobacter Species at the Human–Animal–Environment Interface. <i>Foodborne Pathogens and Disease</i> , 22(2), pp.109-117.	1.9
2.	Malik, M.A., <b>Sajid, M.S.</b> , Al-Akeel, R.K., Alvi, M.A., Rizwan, H.M., Abbas, H. and Maqbool, M., 2024. Stegomyia indices and pattern recognition of Aedes aegypti (Diptera: Culicidae) in selected agrogeoclimatic zones of Punjab, Pakistan. <i>Saudi Journal of Biological Sciences</i> , 31(2), p.103919.	4.4
3.	Rizwan, H.M., Naveed, M., <b>Sajid, M.S.</b> , Nazish, N., Younus, M., Raza, M., Maqbool, M., Khalil, M.H., Fouad, D. and Ataya, F.S., 2024. Enhancing agricultural sustainability through optimization of the slaughterhouse sludge compost for elimination of parasites and	3.8

List of Publications		Impact Factor
coliforms. Scientific Reports, 14(1), p.23953.		
4.	Haq, S.U., Malik, M.A., Alshammari, A., Yameen, A.B., Wakid, M.H., Alvi, M.A., Kabli, A.M., Saqib, M., Qamar, W., <b>Sajid, M.S.</b> and Gao, F., 2024. Genetic variation and population structure of <i>Taenia multiceps</i> ( <i>Coenurus cerebralis</i> ) based on mitochondrial <i>cox1</i> gene: A comprehensive global analysis. <i>Infection, Genetics and Evolution</i> , 125, p.105676.	3.2
5.	Rajput, M., <b>Sajid, M.S.</b> , Rajput, N.A., George, D.R., Usman, M., Zeeshan, M., Iqbal, O., Bhutto, B., Atiq, M., Rizwan, H.M. and Daniel, I.K., 2024. Entomopathogenic Fungi as Alternatives to Chemical Acaricides: Challenges, Opportunities and Prospects for Sustainable Tick Control. <i>Insects</i> , 15(12), p.1017	2.7
6.	Rizwan, H.M., Zohaib, H.M., <b>Sajid, M.S.</b> , Tahir, U.B., Kausar, R., Nazish, N., Ben Said, M., Anwar, N., Maqbool, M., Fouad, D. and Ataya, F.S., 2024. Unveiling the hidden threat: investigating gastrointestinal parasites and their costly impact on slaughtered livestock. <i>Revista Brasileira de Parasitologia Veterinária</i> , 33(3), p.e007224.	2.0
7.	Usman, M., Rizwan, H.M., <b>Sajid, M.S.</b> , Kausar, R., Tahir, U.B., Abbas, H., Ateeq, M.K., Raza, M., Maqbool, M., Fouad, D. and Ataya, F.S., 2024. Prevalence and histopathological analysis of cystic echinococcosis in ruminants of District Narowal, Pakistan: focus on pulmonary involvement. <i>Revista Brasileira de Parasitologia Veterinária</i> , 33(4), p.e016824.	1.2
8.	Auon, M., Saleemi, M.K., Rizvi, F. and <b>Sajid, M.S.</b> , 2024. Molecular Epidemiology of Chicken Infectious Anemia in Commercial Poultry from Faisalabad, Pakistan: Risk Analysis. <i>Pakistan Journal of Agricultural Sciences</i> , 61(2).	0.856
9.	Zeeshan, M., <b>SAJID, M.S.</b> , Razzaq, A., Imran, M., Alvi, M.A. 2024. <i>In vitro</i> comparative acaricidal efficacy of ivermectin and <i>Metarhizium anisopliae</i> (Hymenoptera: Clavicipitaceae) against adult <i>Hyalomma anatolicum</i> ticks (Acari: Ixodidae). <i>Pakistan Journal of Agriculture Sciences</i> . 61 (1): 267-275	0.856
10.	Qudoos, A., Tahir, U.B., Ahamd, S., Tariq, M., Imran, M., Nadeem, R., Noreen, S., Luqman, N., Maqbool, M., Jan, I., Iqbal, Z., Raza, M., Sajid, M.S., Rizwan, H.M. 2023. Trace mineral concentration of forages in connection with sheep dietary requirements. <i>South African Journal of Animal Science</i> , 53(3): 361:368.	Nil
11.	Dayoub, W., Ahmad, S., Riaz, M., Sajid, M.S., Bilal, G., Hussain, K. 2023. Forecasting enteric methane emission using autoregressive integrated moving average and Holt–Winters time series models in South Asian countries. <i>International Journal of Environmental Science and Technology</i> . 2023. <a href="https://doi.org/10.1007/s13762-023-05320-x">https://doi.org/10.1007/s13762-023-05320-x</a>	3.1
12.	Malik, M.A., Sajid M.S., Iqbal Z., and Saqib, M. 2023. Association of climatic determinants with the magnitude of <i>Adedes aegypti</i> in selected agro-geoclimatic zones of Punjab, Pakistan. <i>Pak. J. Agri. Sci</i> 60(1): 133-141.	0.8
13.	Raheemi, HazratUllah, Abbas, H., Afsheen, Z., Rizwan, H.M., and Sajid, M.S. 2023. Epizootiology and seroprevalence of Crimean-Congo hemorrhagic fever virus in ruminant population of East Afghanistan. <i>Kuwait Journal of Science</i> .	1.4
14.	Alvi, M.A., Alshammari, A., Ali, R.M.A., UI Haq, S., Bashir, R., Li, L., Saqib, M., Sajid, M.S., Ghafoor, M., Imran, M. and Ijaz, M.U., 2023. Revealing novel <i>cytb</i> and <i>nad5</i> genes-based population diversity and benzimidazole resistance in <i>Echinococcus granulosus</i> of bovine origin. <i>Frontiers in Veterinary Science</i> , 10, p.1191271.	3.2
15.	Rizwan, H.M., Sajid M.S., Younus, M., Naeem, M.A., Taseer, M.S.A., and Ebaid, H. 2023. Evaluation of trace elements in forages and their effect on gastrointestinal parasite burden in grazing sheep. <i>Saudi Journal of Biological Sciences</i> 30(9): 103768.	4.4
16.	Rizwan, H.M., Zohaib H.M., Sajid M.S., Abbas, H., Younus, M., Farid, M.U., Iftakhar T., et al. 2023. Inflicting Significant Losses in Slaughtered Animals: Exposing the Hidden Effects of Parasitic Infections. <i>Pathogens</i> 12(11): 1291.	3.7
17.	Sajid, M.S., Iqbal, A., Rizwan H.M., Kausar, A., Tahir, U.B., Younus, M., Maqbool, M., Siddique, R.M., Fouad, D., and Ataya, F.S. 2023. Guardians of the Herd: Molecular	4.5



List of Publications		Impact Factor
Surveillance of Tick Vectors Uncovers Theileriosis Perils in Large Ruminants. <i>Microorganisms</i> 11(11): 2684.		
18.	Rajput, M., Sajid, M.S., Imran, M., Javed, M.T. and Sparagano, O.A., 2023. A Participatory Approach in Assessing the Knowledge, Attitude, and Practices (KAP) of Stakeholders and Livestock Owners about Ticks and Tick-Borne Diseases from Sindh, Pakistan. <i>Pathogens</i> , 12(6), p.800	4.5
19.	Dik, B., Naz, S., Sajid, M.S. 2022. Data on the chewing lice (phthiraptera) parasitizing the accipitrid birds (accipitriformes) in turkey. <i>Journal of Animal Health and Production</i> . 10:443-453.	0.7
20.	Maqbool, M., Sajid, M.S., Iqbal, Z. Saqib, M. 2022. Epizootiology and associated risk factors of tick fauna infecting domestic livestock population in district Faisalabad. <i>Journal of the Hellenic Veterinary Medical Society</i> . 73: 4325-4338.	
21.	Rizwan, H.M., Usman, M., Naeem, M.A., Farid, M.U., Younus, M., Sajid, M.S., Tahir, U.B., Luqman, N., Abbas, H., Ateeq, M.K., Taseer, M.S.A, Asif, M. 2022. Prevalence of ruminant paramphistomosis and comparative histopathology of the infected rumens in Narowal district, Punjab, Pakistan. <i>Helminthologia</i> , 59(4): 377-384.	
22.	Hamidullah, Saqib, M., Sajid, M.S., Hussain, S., Rizwan, H.M., Ashfar, K., Ghazanfer, S., Butt, A.A., Maqbool, M., Ahmad, S., Spargano, O.A. 2022. Screening of Toxoplasmosis in Owned and Stray Dogs of District Faisalabad, Pakistan through Latex Agglutination and Indirect ELISA. <i>Pathogens</i> 2022 (11): 1307.	
23.	Maqbool, M., <b>SAJID, M.S.</b> , Saqib, M., Anjum, Tayyab, M.H., Rizwan, H.M., Rashid, M.I., Rashid, I., Iqbal, A., Siddique, R.M., Shamim, A., Hassan, M.A., Atif, F.A., Razzaq, A., Zeeshan, M., Hussain, K., Nisar, R.H.A., Tanveer, A., Younis, S., Kamran, K., Rahman, S.U. 2022. Potential mechanism of transmission of tick-borne viruses at the virus-tick interface. <i>Frontiers in Microbiology</i> . 13:846884	6.064
24.	Hussain, S., Saqib, M., El-Adawy, H., Hussain, M.H., Jamil, T., <b>SAJID, M.S.</b> , Alvi, M.A., Ghafoor, M., Tayyab, M.H., Abbas, Z., Mertens-Scholz, K., Neubauer, H., Khan, I. 2022 Seroprevalence and Molecular Evidence of <i>Coxiella burnetii</i> in Dromedary Camels of Pakistan. <i>Frontiers in Veterinary Science</i> . 9:904879.	3.471
25.	Atif, F.A., Mehnaz, S., Qamar, M.F., Roheen, T., <b>SAJID, M.S.</b> , Ehtisham-ul-Haque, S., Kashif, M., Said, M.B. 2021. Epidemiology, diagnosis and control of canine infectious cyclic thrombocytopenia and granulocytic anaplasmosis: emerging disease of veterinary and public health significance. <i>Veterinary Sciences</i> . 8:312	2.518
26.	Rizwan, H.M., <b>SAJID, M.S.</b> , Shamim, A., Abbas, H., Qudoos, A., Maqbool, M., Malik, M.A., Amin, Z.S. 2021. Sheep parasitism and its control by medicinal plants: A review. <i>Parasitologists United Journal</i> . 14 (2): 112-121	1.21
27.	Atif, F.A., Zaman, M.A., Hussain, K., Qamar, M.F., <b>SAJID, M.S.</b> , Iqbal, U. and Mehnaz, S., 2021. First molecular surveillance and estimation of risk factors of <i>anaplasma marginale</i> infection among indigenous, crossbred and exotic cattle. <i>JAPS: Journal of Animal &amp; Plant Sciences</i> , 31(3).	0.49
28.	Scott, J.D., <b>SAJID, M.S.</b> , Pascoe, E.L. and Foley, J.E., 2021. Detection of Babesia odocoilei in Humans with Babesiosis Symptoms. <i>Diagnostics</i> , 11(6), p.947.	3.706
29.	Scott, J.D., Pascoe, E.L., <b>SAJID, M.S.</b> and Foley, J.E., 2021. Detection of Babesia odocoilei in Ixodes scapularis ticks collected in southern Ontario, Canada. <i>Pathogens</i> , 10(3), p.327.	3.492
30.	Zaheer, T., Imran, M., Pal, K., <b>SAJID, M.S.</b> , Abbas, R.Z., Aqib, A.I., Hanif, M.A., Khan, S.R., Khan, M.K. and ur Rahman, S., 2021. Synthesis, characterization and acaricidal activity of green-mediated ZnO nanoparticles against Hyalomma ticks. <i>Journal of Molecular Structure</i> , 1227, p.129652.	3.196

List of Publications		Impact Factor
31.	Badar, S.N., Iqbal, Z., <b>SAJID, M.S.</b> , Rizwan, H.M., Shareef, M., Malik, M.A. and Khan, M.N., 2021. Comparative anthelmintic efficacy of Arundo donax, Areca catechu, and Ferula assa-foetida against Haemonchus contortus. <i>Revista Brasileira de Parasitologia Veterinária</i> , 30.	1.458
32.	Kamran, K., Ali, A., Villagra, C.A., Bazai, Z.A., Iqbal, A. and <b>SAJID, M.S.</b> , 2020. Hyalomma anatolicum resistance against ivermectin and fipronil is associated with indiscriminate use of acaricides in southwestern Balochistan, Pakistan. <i>Parasitology Research</i> , 120(1), pp.15-25.	2.289
33.	Ahmad S., <b>SAJID, M.S.</b> , Tabassum, R., Siddique, R.M., Imran, M. and Malik, M.A. 2021. Comparative in vivo efficacy of oral formulations of ivermectin and levamisole against natural helminth infection in small ruminants of Faisalabad. <i>Journal of Animal and Plant Sciences</i> , 31 (1): 77-85.	0.49
34.	Siddique, R.M., <b>SAJID, M.S.</b> , Iqbal, Z., Saqib, M., 2020. Association of different risk factors with the prevalence of babesiosis in cattle and buffalos. <i>Pakistan Journal of Agricultural Sciences</i> , 57(2): 517-524.	0.748
35.	Imran, M., <b>SAJID, M.S.</b> , Abbas, R.Z., Saqib, M., Khan, M.N., Sindhu, Z.U.D. and Khan, M.K., 2020. Immunological response of selected indigenous goat breeds of Pakistan towards artificial infection with <i>Haemonchus contortus</i> . <i>Pakistan Journal of Agricultural Sciences</i> , 57: 879-886.	0.748
36.	Sial AUR, Saqib M, Muhammad G and <b>SAJID MS</b> , 2020. Seroprevalence and risk factors of equine glanders in selected districts of Khyber Pakhtunkhwa (KPK). <i>Pakistan Veterinary Journal</i> , 40(4): 504-508.	1.318
37.	Abbas, M.Z., Saqib, M., Deebea, F., <b>SAJID, M.S.</b> , 2020. Impact of sub-clinical anaplasmosis on haemato-biochemical parameters of naturally infected camels ( <i>Camelus dromedaries</i> ). <i>Pakistan Journal of Agricultural Sciences</i> , 57: 963-967.	0.748
38.	Ahmad, S., <b>SAJID, M.S.</b> , Khan, M.K., Nadeem, R., Rizwan, H.M., Malik, M.A., Yosuf, F., 2020. Effect of trace element supplementation on the gastrointestinal parasites of grazing sheep. <i>Journal of Animal and Plant Sciences</i> 30(1): 72-80.	0.49
39.	<b>SAJID, M.S.</b> , Rizwan, H.M., Khan, M.K., Qudoos, A., Atif, F.A., Malik, M.A. and Maqbool, M. 2020. Association of herd management with the infestation of ticks in domestic goats. <i>Journal of Hellenic Veterinary Medicine</i> . 71: 2120-2126.	0.477
40.	Adegoke, A., Kumar, D., Bobo, C., Rashid, M.I., Durrani, A.Z., <b>SAJID, M.S.</b> and Karim, S., 2020. Tick-borne pathogens shape the native microbiome within tick vectors. <i>Microorganisms</i> , 8(9), p.1299.	4.128
41.	Adegoke, A., Kumar, D., Rashid, M.I., Durrani, A.Z., <b>SAJID, M.S.</b> and Karim, S., 2020. Tick-Borne bacterial and protozoan animal pathogens shape the native microbiome within Hyalomma anatolicum anatolicum and Rhipicephalus microplus tick vectors. <i>Microorganisms</i> , 1-39.	4.128
42.	Saleemi, M.K., Ashraf, K., Gul, S.T., Naseem, M.N., <b>SAJID, M.S.</b> , Mohsin, M., He, C., Zubair, M. and Khan, A., 2020. Corrigendum to Toxicopathological effects of feeding aflatoxins B1 in broilers and its ameliosration with indigenous mycotoxin binder [Ecotoxicol. Environ. Saf. 187 (2020) 109712]. <i>Ecotoxicology and environmental safety</i> , 187, p.109932.	6.291
43.	Yaseen, K., <b>SAJID, M.S.</b> , Arshad, M.I., Aslam, R., Ali, S., Saqib, M., Akram, W., Abbas, H., Malik, A., Khalid, U. and Raza, F.A., 2020. Metagenomics of Mosquito-borne Flaviviruses in Various Geoclimatic Districts of Punjab, Pakistan. <i>Pakistan Veterinary Journal</i> , 40(4).	1.318
44.	Scott, J.D., Pascoe, E.L, <b>SAJID, M.S.</b> , Foley, J.E., 2020. Monitoring of nesting songbirds detects establishe population of blacklegged ticks and associated Lyme disease endemic area in Canada. <i>Healthcare</i> , 8: 59.	2.645
45.	Saleemi, M.K., Ashraf, K., Gul, S.T., Naseem, M.N., <b>SAJID, M.S.</b> , Mohsin, M., He, C., Zubair, M., Khan, A., 2020. Toxicopathological effects of feeding aflatoxins B1 in broilers and its ameliosration with indigenous mycotoxin binder. <i>Ecotoxicology and Environmental Safety</i> , 187: 109712.	6.291

List of Publications		Impact Factor
46.	Iqbal, N., Mukhtar, M.U., Yang, J., <b>SAJID, M.S.</b> , Niu, Q., Guan, G., Liu, Z., Yin, H. 2019. First Molecular Evidence of <i>Anaplasma bovis</i> and <i>Anaplasma phagocytophilum</i> in Bovine from Central Punjab, Pakistan. <i>Pathogens</i> . 8: 155.	3.492
47.	Fatima, T., Mehnaz, S., Wang, M., Yang, J.C., <b>SAJID, M.S.</b> , Shen, B., Zhao, J.L., 2019. Seroprevalence of <i>Toxoplasma gondii</i> in one-humped camels ( <i>Camelus dromedarius</i> ) of Thal and Cholistan deserts, Punjab, Pakistan. <i>Parasitology Research</i> , 118: 307-316.	2.289
48.	Hayat, K., <b>SAJID, M.S.</b> , Iqbal, Z., Saqib, M., Raza, F.A., Akram, W., Abbas, H., 2019. PCR-based screening of Plasmodium species in mosquito vectors of Faisalabad district, Punjab, Pakistan. <i>Journal of Animal &amp; Plant Sciences</i> , 29: 1568-1574.	0.49
49.	Rashid, I., Saqib, M., Ahmad, T. and <b>SAJID, M.S.</b> , 2019. Sero-Prevalence and Associated Risk Factors of Q Fever in Cattle and Buffaloes Managed at Institutional Dairy Farms. <i>Pakistan Veterinary Journal</i> , 39(2).	1.318
50.	Imran, M., Khan, M.N., <b>SAJID, M.S.</b> , and Saqib, M., 2018. Comparative evaluation of natural resistance of Dera Din Panah and Nachi goat breeds towards artificial infection with <i>Haemonchus contortus</i> . <i>Pakistan Veterinary Journal</i> , 38: 389-393.	1.318
51.	Shamim, A., <b>SAJID, M.S.</b> , Khan, M.N., Imran, M. and Saqib, M. 2018. Peptide isolation from crude somatic antigens of <i>Haemonchus contortus</i> through SDS-PAGE. <i>Indian Journal of Animal Research</i> , 52: 914-916.	0.44
52.	Zohaib A., Saqib, M., Athar, M.A., Chen, J., Awais-ur-Rahman S., Khan, S., Taj, Z., Sadia, H., Tahir, U., Tayyab, M.H., Qureshi, M.A., Mansoor, M.K., Naeem, M.A., Hu, B.J., Khan, B.A., Ujjan, I.D., Zhang, B.L.W., Luo, Y., Zhu, Y., Waruhiu, C., Khan, I., Yang, X.L., <b>SAJID, M.S.</b> , Corman, V.M., Yan, B and Sh, Z.L. 2018. Countrywide Survey for MERS-Coronavirus Antibodies in Dromedaries and Humans in Pakistan. <i>Virologica Sinica</i> . 33: 410-417.	4.327
53.	<b>SAJID, M.S.</b> , Kausar, A., Iqbal, A., Abbas, H., Iqbal Z and Jones, M.K. 2018. An insight into the ecobiology, vector significance and control of <i>Hyalomma</i> ticks (Acari: Ixodidae): A Review. <i>Acta Tropica</i> . 187: 229-239.	3.112
54.	Hassan, M.A., Liu, J., <b>SAJID, M.S.</b> , Mahmood A., Zhao, S., Abbas Q., Guan, G., Yin, H., Luo, J., 2018. Molecular detection of <i>Theileria annulata</i> in cattle from different regions of Punjab, Pakistan, by using recombinase polymerase amplification and polymerase chain reaction, <i>J. Parasitol.</i> , 104: 196–201	1.276
55.	Hassan, M.A., Liu, J., <b>SAJID, M.S.</b> , Rashid, M., Mahmood A., Abbas, Q., Guan, G., Yin, H. and Luo, J. 2018. Simultaneous detection of <i>Theileria annulata</i> and <i>Theileria orientalis</i> infections using recombinase polymerase amplification. <i>Ticks and tick-borne diseases</i> , 9:1002-1005	3.744
56.	Badar, N., Iqbal, Z., <b>SAJID, M.S.</b> , Rizwan, H.M., Jabbar, A., Babar, W., Khan, M.N. and Ahmed, A., 2017. Documentation of ethnoveterinary practices in district Jhang, Pakistan. <i>J Anim Plant Sci</i> , 27(2), pp.398-406.	0.49
57.	Qudoos, A., Khan, M. N., <b>SAJID, M.S.</b> and Muhammad, G. 2017. Correlation of trace mineral profiles with gastrointestinal worm burden in rangeland sheep of Chakwal district Punjab Pakistan. <i>Int. J. Agric. Biol.</i> 19: 140-144	0.758
58.	Rizwan, H.M., <b>SAJID, M.S.</b> , Iqbal, Z., Saqib, M. 2017. Point prevalence of gastrointestinal parasites of domestic sheep ( <i>Ovis aries</i> ) in district Sialkot, Punjab, Pakistan. <i>Journal of Animal and Plant Science</i> .	0.49
59.	<b>SAJID, M.S.</b> , Naeem, M.A., Kausar, A., Jawad-ul-Hassan, M., Saleemi, M.K., 2017. <i>Sarcoptes scabiei</i> (Acari: Sarcoptidae) infestation in rabbits ( <i>Oryctolagus cuniculus</i> ): A case study, <i>Revista Colombiana de Entomología</i> , 43: 51-54	0.533
60.	Karim, S., Budachetri, K., Mukherjee, N., Williams, J., Kausar, A., Hassan, M. J., Adamson, S., Dowd, S. E., Apanskevich, D., Arijio, A., Sindhu, Z. U., Kakar, M. A., Khan, R. M. D., Ullah, S., <b>SAJID, M.S.</b> , Ali, A. and Iqbal, Z. 2017. A study of ticks and tick-borne livestock pathogens in Pakistan. <i>PLoS Negl. Trop. Dis.</i> 11(6): e0005681.	4.411
61.	<b>SAJID, M.S.</b> , Iqbal, Z., Shamim, A., Siddique, R.M., Jawad-ul-Hassan, M., Rizwan, H.M., 2017. Distribution and abundance of ticks infesting livestock population along Karakorum	0.477

List of Publications		Impact Factor
	highway from Mansehra to Gilgit, Pakistan. J Hellenic Veterinary Medical Society, 68: 051-058..	
62.	Ahmad, M., Khan, M. N., <b>SAJID, M.S.</b> , Muhammad, G., Qudoos, A. and Rizwan H. M. 2017. Prevalence, economic analysis and chemotherapeutic control of small ruminants fasciolosis in the Sargodha district of Punjab, Pakistan. Vet. Ital. 53: 47-53.	1.101
63.	Tahir, U.B., <b>SAJID, M.S.</b> , Khan, M.N., Saqib, M., Siddique, R.M., Qudoos, A., 2016. Passive surveillance and risk analysis of gastrointestinal parasitism in equine population of Faisalabad metropolitan, Pakistan. Journal of Animal and Plant Sciences, 26(2): 395-400.	0.49
64.	Khan, M.N., <b>SAJID, M.S.</b> , Rizwan, H.M., Khan, A., Qudoos, A., Riaz, M., Khan, M.K. 2016. Comparative efficacy of six anthelmintic treatments against natural infection of <i>Fasciola</i> species in sheep. Pakistan Veterinary Journal, 37: 65-68.	1.318
65.	Rizwan, H.M., <b>SAJID, M.S.</b> , Khan, M.N., and Saqib, M., 2016. Seroepidemiology of goat fascioliasis in district Sargodha, Punjab, Pakistan based on excretory secretory antigens of the indigenous strains of <i>Fasciola gigantica</i> . Revue de Medicine Veterinaire, 167: 1-2, 10-17.	0.776
66.	Ullah, S., Khan, M. N., <b>SAJID, M.S.</b> , Iqbal, Z., and Muhammad G., 2015. Comparative efficacies of <i>Curcuma longa</i> , <i>Citrullus colocynthis</i> and <i>Peganum harmala</i> against <i>Rhipicephalus microplus</i> through modified larval immersion test. Int. J. Agric. Biol., 17: 216-220	0.758
67.	Anjum, R., Khan, M. N., <b>SAJID, M.S.</b> , and Javed, M. T., 2015. Evaluation of commercial ELISA kit for diagnosis of small ruminant Fascioliasis in Pakistan. Pak. J. Agri. Sci. Vol. 52(1), 183-189; 2015.	0.748
68.	Fatima, T., <b>SAJID, M.S.</b> , Saleemi, M.K., Iqbal, Z., Siddique, R.M., 2015. Descriptive epidemiology of endo-parasitic fauna in layer birds ( <i>Gallus domesticus</i> ) of central Punjab, Pakistan. Pakistan Journal of Agricultural Sciences, 52: 815-820	0.748
69.	Zohaib, A., Saqib, M., Beck, C., Hussain, M.H., Lowenski, S., Lecollinet, S., Sial, A., Asi, M.N., Mansoor, M.K., Saqalein, M., <b>SAJID, M.S.</b> , Ashfaq, K., Muhammad, G., Cao, S., 2015. High prevalence of West Nile virus in equines from the two provinces of Pakistan. Epidemiology and Infection, 143: 1931-1935	2.451
70.	Saqib, M., Hussain, M.H., <b>SAJID, M.S.</b> , Mansoor, M.K., Asi, M.N., Fadiya, A. Al-Kitani, Zohaib, A., Sial, A.U.R., Muhammad, G., Ullah, I., 2015. Sero-epidemiology of equine toxoplasmosis using a latex agglutination test in the three metropolises of Punjab, Pakistan. Asian Pacific Journal of Tropical Biomedicine, 32: 276-285	1.545
71.	Iqbal, A., <b>SAJID, M.S.</b> , Khan, M.N., Muhammad, G., 2014. Epizootiology of ectoparasitic fauna infesting selected domestic cattle population of Punjab, Pakistan. International Journal of Agriculture and Biology, 16: 443-446.	0.758
72.	Fatima, T., <b>SAJID, M.S.</b> , Jawad-ul-Hassan, M., Siddique, R.M., Iqbal, Z., 2014. Phytomedicinal value of <i>Moringa oleifera</i> with special reference to antiparasitics. Pakistan Journal of Agricultural Sciences, 51: 251-262	0.748
73.	Rehman, T., Khan, M.N., <b>SAJID, M.S.</b> , Javed, M.T., 2013. Slaughter house-based epidemiology and estimation of economic losses of bovine fasciolosis in district Sargodha. Pakistan Journal of Science 65: 467-472.	0.758
74.	Goraya, K., Iqbal, Z., <b>SAJID, M.S.</b> , Muhammad, G., 2013. Frequency distribution of equine diseases in three metropolises of the upper Punjab, Pakistan. International Journal of Agriculture and Biology, 15: 1067-1074.	0.758
75.	Villarreal, A.M., Adamson, S.W., Browning, R.E., Budachetri, K., <b>SAJID, M.S.</b> , Karim, S., 2013. Molecular characterization and functional significance of the Vti family of SNARE proteins in tick salivary glands. Insect Biochemistry and Molecular Biology, 43: 483-493.	4.714
76.	Khan, M.K., <b>SAJID, M.S.</b> , Riaz, H., Ahmad, N.E., He, L., Shahzad, M., Hussain, A., Khan, M.N., Iqbal, Z., Zhao, J.L., 2013. The global burden of fasciolosis in domestic animals with an outlook on the contribution of new approaches for the diagnosis and control.	2.289

## List of Publications

Impact  
Factor

Parasitology Research, 112 (7): 2421-2430.

77. Iqbal, A., **SAJID, M.S.**, Khan, M.N., Khan, M.K., 2013. Frequency distribution of hard ticks infesting bubaline population of district Toba Tek Singh, Punjab, Pakistan. Parasitology Research, 112: 535-541 2.289
78. Goraya, K., Iqbal, Z., **SAJID, M.S.**, Muhammad, G., Ain, Q.U., Saleem, M., 2013. Diversity of flora used for the cure of equine diseases in selected peri-urban areas of Punjab, Pakistan. Journal of Ethnobiology and Ethnomedicine, 9: 70 2.733
79. Khan, M.N., Rehman, T.U., **SAJID, M.S.**, Abbas, R.Z., Zaman, M.A., Sikandar, A., Riaz, M., 2013. Determinants influencing prevalence of coccidiosis in Pakistani buffaloes. Pakistan Veterinary Journal, 33: 287-290. 1.318
80. **SAJID, M.S.**, Iqbal, A., Khan, M.N., Muhammad, G., Siddique, R.M., Iqbal, Z., Khan, M.K., Siddique, F., 2013. Descriptive epidemiology of insects infesting domestic sheep (*Ovis aries*) of district Toba Tek Singh, Punjab, Pakistan. Pakistan Journal of Agricultural Sciences, 50: 117-122 0.748
81. Iqbal, Z., Babar, W., Sindhu, Z.U.D., Abass, R.Z., **SAJID, M.S.**, 2012. Evaluation of anthelmintic activity of different fractions of *Azadirachta indica*. A. Juss seed extract. Pakistan Veterinary Journal, 32 (4): 579-583. 1.318
82. Iqbal, A., **SAJID, M.S.**, Khan, M.K., Furhaad, Z., 2012. Concurrent infestation of buffalo calves with *Ctenocephalides felis strongylus* and piroplasms. Pakistan Veterinary Journal, 32: 144-146. 1.318
83. Rehman, T., Khan, M.N., **SAJID, M.S.**, Iqbal, Z., Javid, M.T., Riaz, M., Ahmad, M., 2012. Epidemiology of Eimeria and associated risk factors in goats of District Toba Tek Singh, Pakistan. Indian Journal of Animal Sciences, 82: 282-285. 0.316
84. Hussain, A., Khan, M.N., **SAJID, M.S.**, Iqbal, Z., Khan, M.K., Abbas, R.Z., Raza, M.A., Ghafoor, E.U., Ahmad, I., 2011. *In vitro* screening of *Ziziphus mauritiana* and *Terminalia Arjuna* for their anthelmintic activity. Journal of Animal and Plant Sciences, 21: 781-786. 0.49
85. Athar, L.A., Khan, M.N., **SAJID, M.S.**, Rehman, T.U., Khan, I.A., 2011. Cost benefits analysis of anthelmintic treatment of cattle and buffaloes. Pakistan Veterinary Journal, 31(2): 149-152 1.318
86. Hussain, A., Khan, M.N., Iqbal, Z., **SAJID, M.S.**, Khan, M.K., 2011. Anthelmintic activity of *Trianthema portulacastrum* L. and *Musa paradisiaca* L. against gastrointestinal nematodes of sheep. Veterinary Parasitology, 179: 92-99. 2.738
87. Khan, M.K., **SAJID, M.S.**, Khan, M.N., Iqbal, Z., Arshad, M., Hussain, A., 2011. Point prevalence of bovine fascioliasis and the influence of chemotherapy on the milk yield in a lactating bovine population from the district of Toba Tek Singh, Pakistan. Journal of Helminthology, 85: 334-338 2.17
88. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., Muhammad, G., Khan, M.K., 2011. Prevalence, associated determinants and *in vivo* chemotherapeutic control of hard ticks (Acari: Ixodidae) infesting domestic goats (*Capra hircus*) of lower Punjab, Pakistan. Parasitology Research, 108: 601 – 609. 2.289
89. Rehman, T.U., Khan, M.N., **SAJID, M.S.**, Abbas, R.Z., Arshad, M., Iqbal Z., Iqbal, A., 2011. Epidemiology of Eimeria and associated risk factors in cattle of district Toba Tek Singh, Pakistan. Parasitology Research, 108: 1171-1177 2.289
90. Hussain, A., Khan, M.N., **SAJID, M.S.**, Iqbal, Z., Khan, M.K., Abbas, R.Z., Raza, M.A., Needham, G.R., 2010. *In vitro* screening of the leaves of *Musa paradisiaca* for anthelmintic activity. Journal of Animal and Plant Sciences, 20: 5-8. 0.49
91. Khan, M.N., **SAJID, M.S.**, Khan, M.K., Iqbal, Z., Hussain, A., 2010. Gastrointestinal helminthiasis: Prevalence and associated determinants in domestic ruminants of district Toba Tek Singh, Punjab, Pakistan. Parasitology Research, 107 (4): 787-794. 2.289

List of Publications		Impact Factor
92.	Changtam, C., De Koning, H.P., Ibrahim, H. El-Sabbagh, N. <b>SAJID, M.S.</b> , Gould, M.K., and Sukamrarn, A., 2010. Curcuminoid analogues with potent activity against <i>Trypanosoma</i> and <i>Leishmania</i> species. European Journal of Medicinal Chemistry, 45: 941-956	6.514
93.	<b>SAJID, M.S.</b> , Iqbal, Z., Khan, M.N., Muhammad, G., Khan, M.K., 2009. Prevalence and associated risk factors of bovine tick infestation in two districts of lower Punjab, Pakistan. Preventive Veterinary Medicine, 92: 386–391.	2.67
94.	<b>SAJID, M.S.</b> , Iqbal, Z., Khan, M.N., Muhammad, G., 2009. <i>In vitro</i> and <i>in vivo</i> efficacies of Ivermectin and Cypermethrin against the cattle tick <i>Hyalomma anatolicum anatolicum</i> (Acari: Ixodidae)". Parasitology Research, 105 (4):1133-1138.	2.289
95.	Khan, M.K., <b>SAJID, M.S.</b> , Khan, M.N., Iqbal, Z. and Iqbal, M.U., 2009. Bovine fasciolosis: Prevalence, effects of treatment on productivity and cost benefit analysis in five districts of Punjab, Pakistan. Research in Veterinary Science, 87: 70-75.	2.534
96.	<b>SAJID, M.S.</b> , Iqbal, Z., Khan, M.N. and Muhammad, G., 2008. Point prevalence of hard ticks (Ixodids) infesting domestic ruminants of lower Punjab, Pakistan. International Journal of Agriculture and Biology, 10: 349-351.	0.758
97.	Hasan, M.U., Khan, M.N., Iqbal, Z., Khan, I.A., Chaudhry, S.A. and <b>SAJID, M.S.</b> , 2008. Surveillance of cattle hypodermosis in district Chakwal, Pakistan. International Journal of Agriculture and Biology, 10: 337-339.	0.758
98.	Hussain, A., Khan, M.N., Iqbal, Z. and <b>SAJID, M.S.</b> , 2008. An account of the botanical anthelmintics used in traditional veterinary practices in Sahiwal district of Punjab, Pakistan, Journal of Ethnopharmacology, 119: 185-190.	4.36
99.	<b>SAJID, M.S.</b> , Iqbal, Z., Khan, M.N., Muhammad, G. and Iqbal, M.U., 2007. Effect of <i>Hyalomma</i> Ticks (Acari: Ixodidae) on milk production of dairy buffaloes ( <i>Bos Bubalus Bubalis</i> ) of Punjab (Pakistan). Italian Journal of Animal Science, 6: 939–941.	2.217
100.	Hassan, M., Khan, M.N., Mushtaq, M., Iqbal, Z., Farooq, A.A., <b>SAJID, M.S.</b> and Waheed, H.M., 2007. Prevalence of warble fly infestation in buffalo in Chakwal, Punjab. Italian Journal of Animal Science, 6: 942–944	2.217
101.	Iqbal, M.U., <b>SAJID, M.S.</b> , Hussain, A. and Khan, M.K., 2007. Prevalence of helminth infections in dairy animals of Nestle milk collection areas of Punjab (Pakistan). Italian Journal of Animal Science, 6: 935–938	2.217
102.	Nadeem, M., Khan, M.N., Iqbal, Z. <b>SAJID, M.S.</b> , Arshad, M. and Yaseen, M., 2007. Determinants influencing prevalence of louse infestations on layers of district Faisalabad (Pakistan). British Poultry Science, 48: 546–550.	2.095
103.	<b>SAJID, M.S.</b> , Iqbal, Z. Muhammad G., Abdullah M., Khan, M.N., Saqib, M. and Iqbal, M.U., 2007. Effect of ivermectin on the cellular and humoral immune responses of rabbits. Life Sciences, 80: 1966-70.	5.037
104.	Muhammad, G., Saqib, M., <b>SAJID, M.S.</b> and Naureen, A., 2007. A preliminary report on <i>Trypanosoma evansi</i> infection in charming Himalyan black bears, Journal of Zoo and Wildlife Medicine, 38: 97–100.	0.776
105.	Iqbal, Z., Sarwar, M., Jabbar, A., Ahmed, S., Nisa, M., <b>SAJID, M.S.</b> , Khan, M.N. and Mufti, K.A., 2007. Direct and indirect anthelmintic effects of condensed tannins in sheep. Veterinary Parasitology, 144: 125–131.	2.738
106.	Khan, M.N., <b>SAJID, M.S.</b> , Iqbal, Z. and Anwar, M., 2007. Emergence season of warbles caused by <i>Hypoderma lineatum</i> in southern Punjab, Pakistan. Animal Science Journal, 78 (2): 206–211.	1.749
107.	Khan, M.N., Iqbal, Z., <b>SAJID, M.S.</b> , M. Anwar, G.R. Needham and M. Hassan, 2006. Bovine hypodermosis: prevalence and economic significance in southern Punjab-Pakistan. Veterinary Parasitology 141: 386–390	2.738
108.	<b>SAJID, M.S.</b> , Iqbal, Z., Muhammad, G. and Iqbal, M.U. 2006. Immunomodulatory effect of various antiparasitics: A review. Parasitology 132: 1–13.	3.234

List of Publications		Impact Factor
109.	Shah, A.H., Khan, M.N., Iqbal, Z., <b>SAJID, M.S.</b> and Akhtar, M.S. 2006. Some epidemiological aspects and vector role of tick infestation on layers in the Faisalabad district (Pakistan). <i>World's Poultry Science Journal</i> , 62: 145–157.	2.915
110.	Hussain, M.A., Khan, M.N., Iqbal, Z. and <b>SAJID, M.S.</b> 2005. Prevalence and chemotherapy of lice infestation in bovines. <i>International Journal of Agriculture and Biology</i> , 07 (4): 694–697	0.758
111.	Iqbal, M.U., Bilal, M.Q., Muhammad, G. <b>SAJID, M.S.</b> 2005. “Absorption, availability, metabolism and excretion of Phosphorus in ruminants”. <i>International Journal of Agriculture and Biology</i> , 07 (4): 689–693.	0.758
112.	Bilal, M.Q., Iqbal, M.U., Muhammad, G., Avais, M. and <b>SAJID, M.S.</b> 2004. Factors affecting the prevalence of clinical mastitis in buffaloes around Faisalabad district (Pakistan). <i>International Journal of Agriculture and Biology</i> , 6(1): 185–87.	0.758
113.	Shah, A.H., Khan, M.N., Iqbal, Z. and <b>SAJID, M.S.</b> 2004. Tick infestation in poultry. <i>International Journal of Agriculture and Biology</i> , 6: 1162–1165.	0.758
114.	Khan, M.N., Nadeem, M., Iqbal, Z., <b>SAJID, M.S.</b> and Abbas, R.Z. 2003. Lice infestation in poultry. <i>International Journal of Agriculture and Biology</i> , 5: 213–216	0.758
<b>CUMULATIVE IMPACT FACTOR</b>		<b>271.6</b>

#### b) HEC Recognized/Non Recognized

List of Publications		Status
1.	Badar, S.N., <b>SAJID, M.S.</b> , Rizwan, H.M., Abbas, H., Maqbool, M., Malik, M.A., Nisar, R.H.A., Rajput, M., Shamim, M., Akram, Q., Naeem, M.A., Alvi, M.A., Iqbal, Z., Hassan, M.A., Ghazanfer, S., Iqbal, Z. 2022. <i>In vitro</i> and <i>in vivo</i> anthelmintic response of the seeds of <i>Amomum subulatum</i> roxb and <i>Vitex negundo</i> . <i>Brazilian Journal of Biology</i> . 84 (e261768): 1-9	W category
2.	Batool, A., <b>SAJID, M.S.</b> , Rizwan, H.M., Iqbal, A., Rashid, I., Jan, I., Bano, F., Ahmad, F., Ahmad, W., Khan, M.N. 2022. Association of Various Risk Factors with the Distribution of Gastrointestinal, Haemo and Ectoparasites in Small Ruminants. <i>Journal of Animal Health and Production</i> . 10(2): 204-213.	Y category
3.	Rizwan, H.M., SAJID, M.S., Abbas, H., Ghazanfer, Arshad, M. 2022. An insight into different strategies for control and prophylaxis of fasciolosis: a review. <i>Journal of Advances in International Veterinary Research</i> . 4(1): 5-14.	Non-Recognized
4.	Rizwan, H.M., SAJID, M.S., Iqbal, Z., Nadeem, R., Ahmad, M., Sultan, M., Saqib, M., Abbas, H., Shamim, A., Qudoos, A., Haenlein, GFW. 2021. Correlation of gastrointestinal parasitism with the phytomineral in grazing sheep (ovis: aries). <i>International Journal of Agriculture &amp; Biology</i> . 26: 60-68	Non-Recognized
5.	Atif, F.A., Hussain, K., Qamar, M.F., <b>SAJID, M.S.</b> and Arfan, M., 2021. First Report on Transplacental Transmission of <i>Anaplasma marginale</i> in Neonatal Dairy Calves from District Jhang, Punjab, Pakistan. <i>International Journal of Agriculture &amp; Biology</i> , 25:541–546.	Non-Recognized
6.	Ahmad, W., <b>SAJID, M.S.</b> , Mohsin, M., Shamim, A., Hassan, M., Maqbool, M. and Malik, M.A., 2020. Diversity of endoparasitic fauna infecting migratory birds visiting wet land niches of Punjab, Pakistan. <i>Pakistan Journal of Science</i> , 72(1).	Non-Recognized
7.	Malik, M.A., <b>SAJID, M.S.</b> , Shamim, A., Imran, M., Arif, M.A., Siddique, R.M., Talib, U., Tayyab, M.H., Zeeshan, M., Hassan, M. and Rizwan, H.M., 2020. Comparative efficacy of oral formulations of ivermectin and levamisole under in vitro conditions against <i>haemonchus contortus</i> . <i>Pakistan Journal of Science</i> , 72(1).	Non-Recognized

8. Imran, M., **SAJID, M.S.**, Shamim, A., Malik, M.A., Naseer, M.U., Asghar, M.U. and Mohyuddin, S.G., 2020. Epidemiology and response of some domestic goat breeds towards natural helminths fauna of district Faisalabad, Pakistan. *Pakistan Journal of Science*, 72(2). Non-Recognized
9. Uslu, U., **SAJID, M.S.**, Ceylan, O. and Ejaz, A. 2019. Prevalence of hard ticks (Acari: Ixodidae) in spur-thighed tortoise (*Testudo graeca iberica*) population of Konya. *Eurasian Journal of Veterinary Sciences*. 35: 158-164. Non-Recognized
10. Rizwan, H.M., **SAJID, M.S.**, Abbas, H., Qamar, M.F., Akram, Q., Maqbool, M., 2019. Epidemiology and control of Congo fever in sacrificial animals of Pakistan. *Veterinary Science Research*. 01: 18-24. Non-Recognized
11. Shamim, A., **SAJID, M.S.** 2016. Tick-borne "Bourbon" virus: Current situation and future implication. *Journal of Entomology and Zoology Studies*, 4: 362-364. Non-Recognized
12. **SAJID, M.S.**, Siddique, R.M., Khan, S.A., Iqbal, Z., Khan, M.N., 2014. Prevalence and risk factors of anaplasmosis in cattle and buffaloe populations of district Khanewal, Punjab, Pakistan. *Global Veterinaria*, 12: 146-153. Non-Recognized
13. Anjum R., Khan, M.N., **SAJID, M.S.**, Javed, M.T., 2014. Frequency distribution of fasciolosis in small ruminant population at district Sargodha. *Global Veterinaria*, 12: 26-32. Non-Recognized
14. Iqbal, A., **SAJID, M.S.**, Siddique, F., Mahmood, M.S., Shamim, A., 2014. Descriptive epidemiology of hypodermatosis in buffaloes (*Bos bubalus bubalis*) of district Toba Tek Singh, Punjab, Pakistan. *Pakistan Journal of Science*, 66: 16-19 Non-Recognized
15. Ullah, S., Khan, M.N., **SAJID, M.S.**, Muhammad, G., 2013. Comparative anthelmintic efficiency of *Curcuma longa*, *Citrullus colocynthis* and *Peganum harmala*. *Global Veterinaria*, 11: 560-567 Non-Recognized
16. Lateef, M., Iqbal, Z., **SAJID, M.S.**, Abbas, R.Z., Sindhu, Z.D., Akhtar, M., Khan, M.N., Awais, M.M., Iqbal, A., Ain, Q.U., 2013. An account of botanical anthelmintics and methods used for their evaluation. *Reviews in Veterinary and Animal Sciences*, 1: 7-14. Non-Recognized
17. Khan, M.N., Rehman, T., Iqbal, Z., **SAJID, M.S.**, Ahmad, M., Riaz, M., 2011. Prevalence and associated risk factors of Eimeria in sheep of Punjab, Pakistan. *World Academy of Science, Engineering and Technology*, 80: 1329 – 1334. Non-Recognized
18. Iqbal, Z., **SAJID, M.S.**, Abbas, R.Z., Sindhu, Z., 2011. Determination of condensed tannin contents from different plants of Kherimurant rangeland (Attock, Pakistan). *Journal of Agriculture and Social Sciences*, 7:114-116. Non-Recognized
19. Hussain, M.A., Khan, M.N., Iqbal, Z., **SAJID M.S.** and Arshad, M., 2006. Bovine pediculosis: prevalence and chemotherapeutic control in Pakistan. *Livestock Research for Rural Development*, 18(10): 145 Y-Category
20. Khan, M.N., Iqbal, Z., **SAJID, M.S.** and Anwar, M. 2005. Comparative efficacy of ivermectin and cypermethrin against hypodermosis in southern Punjab (Pakistan). *Ibn-Al-Haitham Journal of Science and Technology*, 1: 16–19. Non-Recognized
21. **SAJID, M.S.**, Iqbal, M.U., Hussain, M.H. and Bilal, M.Q., 2005. Importance of goat milk and meat for humans, *Science International (Lahore)*, 17 (4): 321-323. Non-Recognized

### Books/ Chapters/ Manuals

1. Rizwan, Hafiz Muhammad, Muhammad Ahsan Naeem, Muhammad Younus, **Muhammad Sohail Sajid**, and XI Chen eds. *Antiparasitic Drug Resistance in Veterinary Practice*. CABI, 2024.
2. Mahvish Maqbool, **Muhammad Sohail Sajid**, Hafiz Muhammad Rizwan, Muhammad Younus, Kashif Kamran, Muhammad Zeeshan and Muhammad Usman. *Navigation Acaricidal Resistance through Implications in Veterinary Practice*. pp. 78-87. GB: CABI, 2024.
3. **Muhammad Sohail Sajid**, Sadaf Faiz, Muhammad Qasim, Ibadullah Jan, Sabtain Ahmad, Dalla Fouad and Farid Shokry. *Molecular Methods for Detecting Antiparasitic Resistance*. pp. 110-117. GB: CABI, 2024.
4. **Muhammad Sohail Sajid**, Sadia Ghazanfer, Hafiz Muhammad Rizwan, Muhammad Haziq Bajwa, Nimra Anwar, and Muhammad Saqib, 2024. *Introduction to Omics Technologies. Omics Approaches in Veterinary Parasitology; Diagnosis, Biomarkers, and Drug Development*. CRC Press, Boca Rotan, ISBN- 9781032651071.



5. Rizwan, Hafiz Muhammad, and **Muhammad Sohail Sajid**, eds. *Parasitism and Parasitic Control in Animals: Strategies for the Developing World*. CABI, 2023.
6. **Muhammad Sohail Sajid**, Asma Kausar, Muhammad Usman, Faiz Ahmed Raza, Asif Iqbal, Tabassam Fatima, and Muhammad Khalil Ateeq. "Parasites and One Health." In *Parasitism and Parasitic Control in Animals: Strategies for the Developing World*, pp. 73-89. GB: CABI, 2023.
7. Tahir, Urfa Bin, Shah Nawaz, Muhammad Haris Raza Farhan, Gu Zemao, **Muhammad Sohail Sajid**, Maqsood Ahmad, Sadia Ghazanfer, and Brent Dixon. "Parasite Control Strategies: Ecological Interventions." In *Parasitism and Parasitic Control in Animals: Strategies for the Developing World*, pp. 217-230. GB: CABI, 2023.
8. BELLİTÜRK, Korkmaz, Ahmet ÇELİK, Miraç KILIÇ, Asude HANEDAR, Ayşegül TANIK, Burhan ARSLAN, Bülent OKUR et al. "CLIMATE CHANGE AND SOIL-PLANT-ENVIRONMENT INTERACTIONS." (2023).
9. Hussain, Kashif, Mrs Maria Kausar, **Muhammad Sohail Sajid**, Ali Ahmad, Zubair Aslam, and Kayahan Yılmaz. "CLIMATE CHANGE: EFFECTS ON AGRICULTURAL AND LIVESTOCK PRODUCTION, ADAPTATION AND MITIGATION." *CLIMATE CHANGE AND SOIL-PLANT-ENVIRONMENT INTERACTIONS* (2023): 321.
10. Rizwan, Hafiz Muhammad, **Muhammad Sohail Sajid**, Faiza Bano, Urfa Bin Tahir, Aayesha Riaz, Muhammad Younus, Mahvish Maqbool, Ali Butt, and Hafiz Muhammad Zohaib. 2023. "Goat Parasitism, Diagnosis, and Control. Goat Science, From Keeping to Precision Production. IntechOpen. England and Wales. London, U.K.
11. Imran, M., **SAJID, M.S.**, Sindhu, Z., Khan, M.K., Mahmood, M.S., Alvi, M.A., Naseer, M.U., Malik, M.A., Kauser, S., Asad, M. 2022. Selection of Parasites Resistant Breeds of Small Ruminants: A Perspective. Animal Health Perspectives, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. 1, pp 39-46.
12. Malik, M. A., **Sajid, M. S.**, Abbas, R. Z., Aleem, M. T., Anjum, F. R., Khan, A., Farhab, M., Maqbool, M., Zeeshan, M., Hussain, K., Rehman, N., Nisar, R. H. A., Rizwan, H. M., & Tahir, U. B. 2022. Anthelmintic Drug Resistance in Livestock: Current Understanding and Future Trends. In J. Morales-Montor, V. H. D. Río-Araiza, & R. H. Bello (Eds.), *Parasitic Helminths and Zoonoses - From Basic to Applied Research* [Working Title]. IntechOpen. England and Wales. London, U.K.
13. Anjum, F.R., Anam, S., Luqman, M., Ameena A., AL-surhanee, Shater, A.F., Usmani, M. W., Rahman, S., **Sajid, M.S.**, Rizvi, F., Shakir, M.Z. 2022. Fungal Immunology: Mechanisms of Host Innate Immune Recognition and Evasion by Pathogenic Fungi. In D. S. Sultan, & D. G. Kaur (Eds.), *Fungal Reproduction and Growth* [Working Title]. IntechOpen. England and Wales. London, U.K.
14. **Sajid, M.S.**, Malik, M.A., Maqbool, M., Lopez-Parvez, A.M., Imran, M. 2021. Pathobiology of Tick Borne Piroplasmosis. Veterinary Pathobiology and Public Health. Unique Scientific Publishers, Faisalabad, Pakistan.
15. Rizwan, H.M., Abbas, H., **Sajid, M.S.**, Rashid, M.I., Jones, M.K. 2021. Preventive Management of Parasitic Diseases Through Trace Elements. Veterinary Pathobiology and Public Health. 1<sup>st</sup> Ed. Unique Scientific Publishers, Faisalabad, Pakistan.
16. Imran, M., **Sajid, M.S.**, Swar, O.S., Khan, M.K., Malik, M.A., Ahmad, A. Parasitic Diseases of Fish. Veterinary Pathobiology and Public Health. Unique Scientific Publishers, Faisalabad, Pakistan.
17. Javed, M.T., Muhammad, G., Ahmad, N., Lodhi, L.A., Iqbal, Z., Sajjad-ur-Rahman, Anjum, A.D., Muhammad, F., Qureshi, Z.I., **SAJID, M.S.**, Saleemi, M.K., Deebe, F., Aslam, B., Khatoon, A., Imran, M., Arshad, M.I., Aslam, R., 2018. Livestock and Poultry Health Issues and Way Forward. In: Khan, I.A., and Khan, M.S. (Eds.), *Developing Sustainable Agriculture in Pakistan*, 2018. CRC Press, Taylor and Francis Group, Boca Raton, FL, USA. pp: 561-93.
18. Muhammad G., and **SAJID, M.S.**, 2016. Animal Care Handbook. University Press, University of Agriculture, Faisalabad, Pakistan  
(<http://uaf.edu.pk/oubm/Files/Reports/Report%209/09-%20ANIMAL%20CARE%20%20HANDBOOK.pdf>)
19. Khan, M.N., **SAJID, M.S.**, and Tauseef-ur-Rehman, 2012. Mawaishion mein tufailiat ki rok thaam or tadaruk. An Urdu extension booklet published by the University of Agriculture, Faisalabad Press.
20. Khan, M.N., **SAJID, M.S.**, and Khan, M.K., 2009. Mawaishion mein tufaili kirmon per asar andaz honay walay awamil or un ka tadaruk. An Urdu extension booklet published by the University of Agriculture, Faisalabad Press.

21. Khan, M.N., **SAJID, M.S.**, and Khan, M.K., 2008. Janwaron ke eham tufaili amraz or un ka tadaruk. An Urdu extension booklet published by the University of Agriculture, Faisalabad Press
22. Iqbal, Z., **SAJID, M.S.**, Jabbar, A., Abbas, R.Z., and Khan, M.N. 2006. A Textbook of Techniques in Parasitology. Published by Higher Education Commission, Islamabad, Pakistan.
23. Iqbal, Z., **SAJID, M.S.**, Abbas, R.Z. and Khan, M.N. 2003. Manual of General Parasitology and Protozoology, Friends Science Publishers, 399–B, Peoples Colony, Faisalabad–Pakistan
24. Khan, M.N., Abbas, R.Z. and **SAJID, M.S.** 2003. Manual of Meat Hygiene and Inspection. Friends Science Publishers, 399–B, Peoples Colony, Faisalabad–Pakistan

### **Papers/ extended abstracts published in abstract books/conference proceedings**

#### **a) International**

1. Ghazanfer, S., Sajid, M.S., Shahid, A. 2024 Role of Reservoir Hosts In Disease Ecology and Public Health. 6th International Conference on Emerging Trends In Bioinformatics & Biosciences (ICETBB-2024), Mansehra.
2. Shahid, A., Sajid, M.S., Ghazanfer, S. 2024 Arthropod Ecology and its impact on Public Health. 6th International Conference on Emerging Trends In Bioinformatics & Biosciences (ICETBB-2024), Mansehra.
3. Shahid, A., Sajid, M.S., 2024. Integration of Biodiversity Conservation in Livestock Management System. International Conference on Biodiversity and Biosafety(ICBB), Faisalabad
4. Sajid, M.S., Ghazanfer, S., Zeeshan, M. 2024. Biodiversity and Parasitism. International Conference on Biodiversity and Biosafety(ICBB), Faisalabad.
5. Sajid, M.S., Ghazanfer, S., Zahra, H.T., Faisal, M., Batool, K., Shahid, A., Akbar, M. 2024. International Parasitology Conference PARACON 24 Tackling Food Security Challenges, UVAS Lahore
6. Zeeshan. M., Sajid, M.S., Ghazanfer, S., Zahra, H. T. 2023. One Health Approach to Arthropod-Borne Diseases. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat.. p. 264
7. Rizwan H.M., Sajid, M.S., Ghazanfer, S. 2023. Genetic Diversity and Evolutionary Dynamics of Trematodes. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat. P. 260.
8. Sajid M.S., Rizwan H.M., Ghazanfer S. 2023. Vector-Borne Diseases and Genetic Manipulation of Vectors. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat.. p. 261
9. Maqbool, M., Sajid, M.S., Ghazanfer, S., Nisar, R.H.A. 2023. Genomic Approaches for Understanding Arthropod-Borne Diseases. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat.. p. 263
10. Ghazanfer, S., Sajid, M.S., Rizwan H.M., Tahir, U.B. 2023. Novel Diagnostics and Surveillance Tools for Arthropod-Borne Diseases. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat.. p. 265
11. Akbar, M., Sajid, M.S., Zeeshan, M., Malik, M. A. 2023. Tick-Borne Diseases and Public Health: Challenges and Strategies. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat. P. 263
12. Shah, S.H.A., Sajid, M.S., Akbar, M., Zeeshan, M. 2023. Arthropod-Borne Diseases and Vector-Borne Zoonoses. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat. P. 262
13. Younis, S., Sajid, M.S., Ghazanfer, S., Zeeshan, M., Maqbool, M. 2023. Arthropod-Borne Diseases in Urban Environment. International Conference on Food and Applied Sciences (IFCAS-2023), Kumrat. P. 266
14. Zohaib, H.M., Rizwan, H.M., Sajid, M.S., Naveed, M. 2023. Abattoir waste: A place of infection for humans and animals in developing countries. International Conference on Health Security pp. 116
15. Abbas, H., Sajid, M.S., Rizwan, H.M., Raza, M. 2023. An insight into fasciolosis in Pakistan: A veterinary and public health perspective. International Conference on Health Security pp. 106
16. Zohaib, H.M., Farid, M.U., Taseer, M.S.A., Younus, M., Sajid, M.S., Rizwan, H.M. 2023. Economic Impact of parasite on public health, meat quality, safety and security impacts of parasites.

- International Conference on Health Security pp.81
17. Rizwan, H.M., **Sajid, M.S.**, Naveed, M., Maqbool, M., Abbas, H., Ghazanfer, H., Bano. F. 2022. Composting of abattoir sludge: a way forward to control parasitic infections and efficient usage as organic fertilizer. International conference on climate change: Impacts and solutions. p.
  18. Malik, M.A., Sajid, M.S, Rizwan, H.M., Maqbool, M., Younis, S., Ghazanfer, S. 2022. Understanding, perception, and awareness about mosquito-borne diseases impacting the rural communities and their livelihoods. Fourth International Conference On Emerging Trends In Bioinformatics And Biosciences P. 312
  19. Ghazanfer, S., Sajid, M.S., Rizwan, H. M. Zeeshan, M., Maqbool, M., Younis, S. 2022. Climate change impacts on ticks and tick-borne manifestations. Fourth International Conference On Emerging Trends In Bioinformatics And Biosciences. P. 308
  20. Younis, S., Sajid, M.S., Naeem, M.A., Zeeshan, M., Maqbool, M., Ghazanfer, S. 2022. Control of ticks using copper nanoparticles. Fourth International Conference On Emerging Trends In Bioinformatics And Biosciences. P. 277
  21. Iftakhar, T. Sajid, M.S., Maqbool, M., Malik, M.A., Iftikhar, T. 2022. Modern parasitological innovations in treatment of human cancer by worms literature review. Fourth International Conference on Emerging Trends In Bioinformatics And Biosciences. P. 217
  22. Zeeshan, M., Sajid, M.S., Ghazanfer, S., Maqbool, M., Malik, M.A., Younis, S. 2022. Climatic variability affecting the arthropods and arthropod borne protozoal diseases. Fourth International Conference On Emerging Trends In Bioinformatics And Biosciences. P. 209
  23. Younis, S., Sajid, M.S., Zeeshan, M., Ghazanfer, S. 2021. Use of Arthropods and their metabolites.; Nature-friendly innovation in nanotechnology. International Conference on Sustainable Bioeconomy in Livestock and Crop Production (ICBLCP-2021).
  24. Tanveer A., Sajid, M.S., Hussain, K. 2021. Novel techniques for tick and tick-borne diseases. International Conference on Sustainable Bioeconomy in Livestock and Crop Production (ICBLCP-2021). P.68
  25. Ghazanfer, S., Sajid, M.S., Rizwan, H.M., Zeeshan, M., Younis, S., Malik, M.A. Dung Beetle: Dividend for Agriculture Production. International conference on susceptible Bioeconomy in Livestock and Crop Production (ICSBLCP-2021). P.71
  26. Zeeshan, M., **Sajid, M.S.**, Maqbool, M., Ghazanfer, S. Parasites: Friends or Foes. International conference on susceptible Bioeconomy in Livestock and Crop Production (ICSBLCP-2021). P.70
  27. Ahmad, A., Imran, M., **Sajid, M.S.**, Aqib, A.I., Sindhu, Z.D., Zaheer, T. and Siddique, A. Entomopathogenic nematodes: a biological model for the analysis of anthelmintic resistance. 1st International Conference on Research in Biological Sciences held on 26<sup>th</sup> September 2021 virtual. Pp: 08
  28. Ahmad A., Imran M., Sajid, M.S., Aqib A.I., Sindhu Z., and Siddique A. Probiotic therapy: an emerging managemental strategy for parasitic diseases. Proc. 4th International Conference on Applied Zoology held on 10th-11th November 2021 virtual. Pp: 110.
  29. Razzaq M.A., Imran M., Abbas R.Z., **Sajid, M.S.**, Malik M.A., and Qudoos A., 2021. Milk Borne Toxoplasmosis: Zoonotic Significance and Public Health Concern. Proc. 1st International Conference on Research in Biological Sciences held on 26<sup>th</sup> September 2021 virtual. Pp: 12
  30. Athar, A., Alvi, M.A., Saqib, M., **SAJID, M.S.**, Arshad, Z., Kausar, 2021. M. Hemorrhagic Septicemia is a constant threat to buffalo population: A review on diagnosis and treatment. International conference on susceptible Bioeconomy in Livestock and Crop Production (ICSBLCP-2021).
  31. Amna, A., Imran, M., **SAJID, M.S.**, Aqib, A.I., Sindhu, Z and Siddique, A. 2021. Fish Borne Parasitic Zoonoses: Major Food Safety Concerns. 1st International Conference on Research in Biological Sciences held on 26th September 2021 virtual. Pp: 08
  32. Hayat, K., **SAJID, M.S.**, Iqbal, Z., Malik M.A., Abbas, H., 2019. PCR-based distribution of Plasmodium species in mosquito vectors of Faisalabad District, Punjab, Pakistan. Proc. of the World Association for the Advancement of Veterinary Science (WAAVP), July 7-11, 2019, Madison, WI, USA. P 30
  33. Rizwan, H.M., **SAJID, M.S.**, Nadeem, R., Qudoos, A., Abbas, H., Maqbool, M., 2019. Association of Phytominerals with the serum trace elements profile and quantitative gastrointestinal parasitic burden in grazing sheep. Proc. of the World Association for the Advancement of Veterinary Science (WAAVP), July 7-11, 2019, Madison, WI, USA. P 184

34. Rizwan, H.M., **SAJID, M.S.**, Abbas, H., Maqbool, M., 2019. Threat of tick and tick-borne diseases in the scenario of changing climate. Proc. of the World Association for the Advancement of Veterinary Science (WAAVP), July 7-11, 2019, Madison, WI, USA. P 305
35. Imran, M., Jamil, A., **SAJID, M.S.**, Shamim, A. and Shakeel, S. 2018. Sero-Prevalence of toxoplasmosis (*Toxoplasma gondii*) in small ruminant population of district Sahiwal, Punjab, Pakistan. Biomedical and Life Sciences, Physics Sciences, December 1-3, 2018, Sanya, China.
36. Zafar, A., Khan, M.K., **SAJID, M.S.**, Mughal, M.A.S., Iqbal, Z., Hasani, M.S., Nadeem, M., Javed, H. and Munir, A. 2018. Sero-epidemiology of *Fasciola hepatica* in small ruminant population in Chakwal, Punjab, Pakistan. International Congress on Agriculture and Animal Sciences, November 7-9, 2018, Alanya, Turkey.
37. Khan M.K., Munir, M., Abdul Wahid, Syeda Khadija, Amin, A., Abbas, R.Z., Mehmood, R., Saqib, M., Iqbal, Z. and **SAJID, M.S.** 2018. Molecular surveillance of some gastrointestinal zoonotic parasites in sewage water in Pakistan. International Congress on Agriculture and Animal Sciences, November 7-9, 2018, Alanya, Turkey.
38. Maqbool, M. and **SAJID, M.S.** 2018. Molecular screening of piroplasm from ticks collected from Sialkot, Gujranwala and Gujrat districts of Punjab, Pakistan. 20<sup>th</sup> International Conference on Veterinary Pathology and Parasitology, March 29-30, 2018, Osaka, Japan.
39. Dik, B. and **SAJID, M.S.** 2018. Documentation of chewing lice (Phthiraptera: Amblyecara, Ischnocera) infesting accipitiform birds (Aves: Accipitiformes) of Turkey. 6<sup>th</sup> International Eurasian Ornithology Congress, 23-27 April, 2018, Heidelberg, Germany. P.75.
40. **SAJID, M.S.**, Qurat-ai-Ain, Iqbal, Z., Khan, M.N., Kausar, A. and Ejaz, A. 2018. Distribution of spotted fever group in Ixodid ticks, domestic cattle and buffaloes of Faisalabad district, Punjab, Pakistan. 20<sup>th</sup> international Conference on Entomology, October 29-30, 2018, Paris, France.
41. Shamim, A., **SAJID, M.S.**, Khan, M.N., Saqib, M., Zaman, M.A., Imran, M., Rizwan, H.M. 2017. Comparative resilience of Teddy and Beetal goat breeds against artificial infection of *Haemonchus contortus* through immunoglobulins and histamine. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 64.
42. Rizwan, H. M., Arranz-Solis, A., **SAJID, M.S.** and Saeij, J. P. 2017. Synthetic polymorphic peptides: a step forward for diagnosis of type-specific toxoplasmosis in humans and animals. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 70.
43. Rizwan, H. M., **SAJID, M.S.**, Saqib, M. and Iqbal, Z. 2017. Fasciolosis: a major threat of food security and economic losses all around the world. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 71.
44. **SAJID, M.S.**, Altaf, W., Khan, M. K. and Saqib, M. 2017. Epidemiology and control of gastrointestinal fauna of european albino rabbits of Faisalabad district, Punjab, Pakistan. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 80.
45. Hasni, M. S., Imran, M., Arshad, M., Saqib, M., **SAJID, M.S.**, Khan, M. K. and Qudoos, A. 2017. Seroprevalence of echinococcosis (*Echinococcus granulosus*) in camel population of selected ecological zone of Baluchistan, Pakistan. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 172.
46. Iqbal, T., Imran, M., Khan, M.N., **SAJID, M.S.**, Qudoos, A. and Shamim, A. 2017. Ticks (Acari: Ixodidae) infesting the local and exotic cattle breeds of district Swat, Khyber Pakhtunkhwa, Pakistan. Proceedings of 4th International Conference and Industrial Exhibition on Dairy Science Park IV, held at Selçuk University, Konya, Turkey on Nov 1-5, 2017. P. 173.
47. Ahmad, W., **SAJID, M.S.**, Khan, M.N. and Gillani, M.M. 2017. Role of migratory birds for increasing threats of zoonotic infections in the scenario of climate change. International Conference on "Transformation Through Improving Livelihoods" hosted by Faculty of Veterinary Medicine, Jordan university of Science and Technology held from October 17-19, 2017.
48. **SAJID, M.S.**, Iqbal, Z., Shamim, A., Siddique, R. M., Hassan, M.J. and Rizwan, H.M., 2017. Point prevalence of tick infestation among livestock population along Karakorum highway from Mansehra to Gilgit, Pakistan. 26<sup>th</sup> International Conference of the World Association for the Advancement of

- Veterinary Parasitology, September 4-8, 2017, Kuala Lumpur, Malaysia. P. 76.
49. Rizwan, H.M., Arranz-Soils, D., Cordeiro, C., Young, L.H., Saeji, J.P. and **SAJID, M.S.**, 2017. Serotyping of *Toxoplasma gondii* in mice and determination of association between peptide sequences of different strains. 26<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology, September 4-8, 2017, Kuala Lumpur, Malaysia. P. 375.
  50. Rizwan, H.M., **SAJID, M.S.**, Khan, M.N., Saqib, M., Iqbal, Z. and Qudoos, A., 2017. Seroepidemiology of *Fasciola gigantica* in the goat population of district Sargodha, Punjab, Pakistan. 26<sup>th</sup> International Conference of the World Association for the Advancement of Veterinary Parasitology, September 4-8, 2017, Kuala Lumpur, Malaysia. P. 242.
  51. Rizwan, H.M., **SAJID, M.S.**, Iqbal, Z. and Saqib, M. 2017. Seasonal prevalence of gastrointestinal parasites and their association with trace element contents in sera of sheep, grazing forages and soils of Sialkot district, Punjab, Pakistan. 19<sup>th</sup> International Conference on Agriculture, Veterinary and Life Sciences, October 26-27, 2017, Istanbul, Turkey.
  52. **SAJID, M.S.**, Iqbal, A., Kausar, A., Jawad-ul-Hassan, M., Iqbal, Z., Rizwan, H.M. and Saqib, M. 2017. Infectivity of Hyalomma ticks for *Theileria annulate* using 18s rRNA PCR. 19<sup>th</sup> International Conference on Agriculture, Veterinary and Life Sciences, October 26-27, 2017, Istanbul, Turkey.
  53. **SAJID, M.S.**, Shamim, A., Khan, M.N., Chatta, A.A. and Saqib, M. 2016. Evaluation of genetic resistance to *Haemonchus contortus* in Teddy and Beetal goat breeds of Punjab, Pakistan. 18<sup>th</sup> International Conference on Environment and Climate Change, January 12-13, 2016, Zurich, Switzerland.
  54. **SAJID, M.S.**, Rizwan, H.M., Chattha, A.A., Iqbal, Z. and Saqib, M. 2016. Association of phytomineral supplementation with the seasonal prevalence of gastrointestinal parasites of grazing sheep in the scenario of climate change. 18<sup>th</sup> International Conference on Environment and Climate Change, January 12-13, 2016, Zurich, Switzerland.
  55. Saleemi, M. K., Abdullah, M., Qasim, M., Tahir, J., Khan, A., Khatoon, A., Rizvi, F., Naseem, M. N., Imran, M., **SAJID, M.S.**, Auon, M. and Fayyaz, A., 2016. A study of antiviral and immunomodulatory effects of essential oils in broiler chicks experimentally infected with Newcastle disease virus. 3<sup>rd</sup> WVPA Asia Meeting – Prevention is better than cure, 20-21<sup>st</sup> October, Manila, Philippines. P. 01.
  56. Saqib, M., Hussain, M.H., **SAJID, M.S.**, Khalid, M., Asi, M.N., Zohaib, A., Muhammad G., Irfan-ullah, 2014. Latex agglutination-based surveillance of equine toxoplasmosis in Punjab, Pakistan. 6<sup>th</sup> Asian Congress of Tropical Medicine and Parasitology, March 5 – 7, 2014, Intercontinental Hotel, Kuala Lumpur, Malaysia, P. 297.
  57. **SAJID, M.S.**, Siddique, R.M., Khan, S.A., Jawad-ul-Hassan, M., Iqbal, Z., 2014. Epizootiology of tick-borne theileriosis in the selected water buffalo (*Bos bubalus*) population of district Khanewal, Punjab, Pakistan. 6<sup>th</sup> Asian Congress of Tropical Medicine and Parasitology, March 5 – 7, 2014, Intercontinental Hotel, Kuala Lumpur, Malaysia, P. 117.
  58. **SAJID, M.S.**, Iqbal, A., Iqbal, Z., Khan, M.N., 2013. PCR-based detection of *Theileria annulata* in host and vector populations. International Conference on Biotechnology: Prospects and Challenges in Agriculture, Industry, Health and Environment, April 22 – 26, 2013. National Institute of Biotechnology and Genetic Engineering, Faisalabad, Pakistan. P 96.
  59. Fatima, T., Abdul Rehman, M., **SAJID, S.**, Ramzan ui Haq, M. and Mehnaz, S. 2012. Veterinary public health and food borne illness: A global concern over food safety. 1<sup>st</sup> International Conference on Safe Food and Human Health, January 10-11, 2012. National Institute of Food Science and Technology, University of Agriculture, Faisalabad, 38040, Punjab, Pakistan. P. 11.
  60. Iqbal, Z., Babar W., Abbas, R.Z., **SAJID, M.S.**, and Zia Ud Din Sandhu. 2012. *In vitro* and *in vivo* anthelmintic activity of *Piper nigrum* L. seeds. The 4<sup>th</sup> International Scientific Conference on Small Ruminant Production, Sep. 3-7, 2012, Sharm El Shiekh, Egypt. P. 28
  61. Khan, M.N., Rehman, T.U., Iqbal, Z., **SAJID, M.S.**, Abbas, R.Z., Sindhu, Z.D., Iqbal, M., 2012. Studies on the prevalence and determination of associated risk factors of Babesia in goats of district Toba Tek Singh, Punjab, Pakistan. The 4<sup>th</sup> international Scientific Conference on Small Ruminants Development, September 3 – 7, 2012 Sharm El Shiekh, Egypt. P.29
  62. **SAJID, M.S.**, Iqbal, A., Khan, M.N., Khan, M.K., 2012. Epidemiology and associated risk factors of ectoparasites infesting goat population of district Toba Tek Singh, Pakistan. Proceedings of Xth European Multicolloquium of Parasitology, Cluj-Napoca, Romania. SY 25/4. pp: 330-331.
  63. **SAJID, M.S.**, Saqib, M., Iqbal, Z., Khan, M.N., 2012. Breed characteristics of host influence the

- intensity of tick infestation in ruminant livestock. Proceedings of Xth European Multicolloquium of Parasitology, Cluj-Napoca, Romania. SY14.P.08. P 443.
64. Iqbal, A., **SAJID, M.S.**, Khan, M.N., Khan, M.K., Iqbal, Z., 2011. Prevalence and associated risk factors of insects infesting domestic sheep (*Ovis aries*) of district Toba Tek Singh, Punjab, Pakistan. Proceedings of 23<sup>rd</sup> World Association for the Advancement of Veterinary Parasitology (WAAVP)-2011, Buenos Aires, Argentina. P 149.
  65. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., Muhammad, G., Khan, M.K., 2011. Influence of herd management on the prevalence of tick (Acari: Ixodidae) infestation in domestic goats (*Capra hircus*). Proceedings of 23<sup>rd</sup> World Association for the Advancement of Veterinary Parasitology (WAAVP)-2011, Buenos Aires, Argentina. P 149.
  66. Rehman, T., Khan, M.N., **SAJID, M.S.**, Iqbal, Z., Javid, M.T., Riaz, M., 2011. Epidemiology of Eimeria and associated risk factors in goats of Punjab, Pakistan. Proceedings of 23<sup>rd</sup> World Association for the Advancement of Veterinary Parasitology (WAAVP)-2011, Buenos Aires, Argentina. P 59.
  67. **SAJID, M.S.** and Karim, S., 2010. Disrupting the *Amblyomma americanum* vti1b homolog impairs the ticks from feeding on host. American Society of Microbiology - South Central Branch, 2010 Annual meeting, Trent Lot Building, University of Southern Mississippi, Hattiesburg, MS, USA. October 29-30, 2010. Page 39-40.
  68. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., and Khan, M.K., 2010. Epidemiology of tick infestation on cattle and buffaloes of lower Punjab, Pakistan. XIII International Congress of Acarology, August 23 – 27, 2010, Recife, PE, Brazil. Abstract No. 437, P:236
  69. Iqbal, Z., Sarwar, M., **SAJID, M.S.**, Abbas, R.Z., Khan, M.K., Shahzad, M.A., Khan, M.N., 2010. For and against the use of condensed tannins for small ruminant production - A critical analysis. The 3rd International Scientific Conference on Small Ruminant Development, Hurghada, Egypt, April 12-15, 2010. P:10
  70. Khan, M.N., Hussain, A., Iqbal Z., Khan, M.K., **SAJID, M.S.**, 2010. Evaluation of antihelmintic activity of *Lagenaria siceraria* (Molina) Standl, *Albizia lebbek L.* against gastrointestinal helminths of sheep. The 3rd International Scientific Conference on Small Ruminant Development, Hurghada, Egypt, April 12-15, 2010. P:17
  71. Khan, M.K., **SAJID, M.S.**, Hussain, A., Khan, M.N., 2009. Prevalence and economic significance of bovine fasciolosis in Jhang and Sargodha districts of Punjab, Pakistan. Proceedings of 35<sup>th</sup> Veterinary Medicine and Livestock Development Annual Conference (VMLDAC) and Federation of Asian Small Animal Veterinary Association Conference -2009, November 02-05, Bangkok International trade and exhibition centre (BITEC), Bangkok, Thailand. Page 533
  72. Khan, M.N., Khan, M.K., **SAJID, M.S.**, 2009. Prevalence and associated determinants of gastrointestinal helminthes in domestic animals of district Toba Tek Singh, Pakistan. Proceedings of 35<sup>th</sup> Veterinary Medicine and Livestock Development Annual Conference (VMLDAC) and Federation of Asian Small Animal Veterinary Association Conference -2009, November 02-05, Bangkok International trade and exhibition centre (BITEC), Bangkok, Thailand. Page 533.
  73. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., Muhammad, G., Needham, G., Khan, M.K., 2009. Prevalence and chemotherapeutic control of hard ticks (Acari: Ixodidae) infesting domestic goats (*Capra hircus*) of Pakistan. Proceedings of the 6<sup>th</sup> Asia-Pacific Congress of Entomology (APCE-2009), October 18-22, 2009. Beijing, China, Sym-pres-07-07, page 178.
  74. Mussarat, A., Iqbal, Z., Khan, M.N., **SAJID, M.S.**, 2009. An appraisal of the helminth control practices and anthelmintic resistance in gastrointestinal nematodes of sheep in Punjab, Pakistan. Congress of World Association for the Advancement of Veterinary Parasitology, August 8-13, 2009. PO1.19, page 123.
  75. Khan, M.N., Hussain, A., Iqbal, Z., Muhammad, G., **SAJID, M.S.**, Khan, M.K., 2009. *In vitro* and *in vivo* anthelmintic activity of *Trianthema portulacastrum* L. and *Musa paradisiacal* L. against gastrointestinal nematodes of sheep (*Ovis aries*). Congress of World Association for the Advancement of Veterinary Parasitology, August 8-13, 2009. CS43.5, page 81.
  76. Khan, M.K., **SAJID, M.S.**, Khan, M.N., Iqbal, Z., Hussain, A., 2009. Period prevalence and risk factors of bovine fasciolosis in five districts of Punjab Province, Pakistan. Congress of World Association for the Advancement of Veterinary Parasitology, August 8-13, 2009. CS30.5, page 59.
  77. Khan, M.K., **SAJID, M.S.**, Khan, M.N., Iqbal, Z., Arshad, M., Hussain, A., 2009. Point prevalence and economic significance of bovine fasciolosis in districts Jhang and Sargodha of Punjab

Province, Pakistan. Proceedings of the 12th Symposium of the International Society for Veterinary Epidemiology and Economics, Durban, South Africa, August 10-14, 2009: ISVEE 12, T8-5.3.5. Page 464.

78. Khan, M.N., Iqbal, Z., **SAJID, M.S.**, Khan, M.K. and Hussain, A., 2009. Determinants influencing the prevalence of tick infestation in layer chicken of district Toba Tek Singh. Proceedings of 5<sup>th</sup> International Poultry Conference, March 10-13, Taba, Egypt. D31, pp: 1279-1285.
79. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., and Muhammad, G., 2008. Prevalence and determinants of Ixodids in domestic goats of lower Punjab, Pakistan. Proc. XXVth World Buiatrics Congress, Budapest, Hungary, July 06-12, 2008.
80. **SAJID, M.S.**, Khan, M.N., Iqbal, Z. and Muhammad, G., 2008. Comparative efficacy of Ivermectin and Cypermethrin against *Hyalomma anatolicum* ticks (Acari:Ixodidae). Proceedings of XXIII International Congress of Entomology, International Convention Centre, Durban, South Africa, July 06-12, 2008.
81. Iqbal, Z., Lateef, M. and **SAJID, M.S.**, 2008. Validation of some indigenous plants of Pakistan for their anthelmintic activity. Proc. 5th International workshop: Novel Approaches to the Control of Helminth Parasites of Livestock 2008, p. 38, 26<sup>th</sup>–29<sup>th</sup> February 2008, Impiana Casuarina Hotel, Ipoh, Malaysia
82. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., Muhammad, G. and Iqbal, M.U., 2007. Effect of *Hyalomma* ticks (Acari: Ixodidae) on milk production of dairy buffaloes (*Bos Bubalus Bubalis*) of Punjab (Pakistan). Proceedings of 8<sup>th</sup> World Buffalo Congress, Caserta, October 19-22, 2007 published in Italian Journal of Animal Science, 6: 939–941.
83. Hassan, M., Khan, M.N., Mushtaq, M., Iqbal, Z., Farooq, A.A., **SAJID, M.S.** and Waheed, H.M., 2007. Prevalence of warble fly infestation in buffalo in Chakwal, Punjab. Proceedings of 8<sup>th</sup> World Buffalo Congress, Caserta, October 19-22, 2007 published in Italian Journal of Animal Science, 6: 942–944
84. Iqbal, M.U., **SAJID, M.S.**, Hussain, A. and Khan, M.K., 2007. Prevalence of helminth infections in dairy animals of Nestle milk collection areas of Punjab (Pakistan). Proceedings of 8<sup>th</sup> World Buffalo Congress, Caserta, October 19-22, 2007 published in Italian Journal of Animal Science, 6: 935–938
85. **SAJID M.S.**, Hussain, M.A., Khan, M.N., Iqbal, Z. and Arshad, M., 2006. Bovine pediculosis: Prevalence and chemotherapeutic control in central Punjab (Pakistan). 3<sup>rd</sup> International Congress on Phthiraptera, from October 16–20, 2006, Buenos Aires, Argentina, p. 116.
86. Khan, M.N., **SAJID, M.S.**, Iqbal, Z., Anwar, M. and Needham, G.R., 2006. Prevalence of hypodermosis in Southern Punjab-Pakistan. Proceedings of XII<sup>th</sup> AAAP Animal Science Congress 2006, Bexco, Busan, Korea organized by Korean Society of Animal Science and Technology from September 18–22, 2006, P. 60.
87. **SAJID, M.S.**, Iqbal, Z., Muhammad G., and Saqib, M. 2005, Influence of Ivermectin of the cellular and humoral immune response of rabbits. 17<sup>th</sup> National Congress of Parasitology organized by The Indian Society of Parasitologists and Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh-786001, Assam, India from October 24–26, 2005, P. 02.
88. Iqbal, M.U., Muhammad, G., **SAJID, M.S.** and Saqib, M. 2005. Evaluation of single super phosphate fertilizer as a Phosphorus supplement in Sahiwal Cow Calves Fed on Berseem. Proc. Transition to Sustainable livestock systems, International Seminar, Zhengzhou, China from October 17–28, 2005.
89. Bilal, M.Q., **SAJID, M.S.**, Yaqoob, M. and Iqbal, M.U. 2005. Worm load and chemotherapeutic control of helminthes of large ruminants. First Kashmir International Science Conference September 20-21, 2005 P.66, held at University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan
90. Bilal, M.Q. **SAJID, M.S.**, Iqbal, M.U. and Yaqoob, M. 2005. Influence of deworming on the growth rate and milk production in dairy animals. First Kashmir International Science Conference September 20-21, 2005 P.66, held at University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan
91. Iqbal, M.U., Muhammad, G., Bilal, M.Q., Saqib, M. and **SAJID, M.S.** 2004. Evaluation of single superphosphate as a phosphorus supplement in cow calves fed on berseem. Proc. 4<sup>th</sup> Int. Science Conf. October 6-9, 2004 pp: 39-40, held at University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan
92. **SAJID, M.S.**, Z. Iqbal, M. A. Sindhu, G. Muhammad, and M. U. Iqbal, 2004. Immunomodulatory effect of ivermectin against *Pasturella multocida* in rabbits. Proc. 4<sup>th</sup> Int. Science Conf. October 6-9,

2004, P. 39, held at University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan

93. **SAJID, M.S.**, Iqbal, Z., Sandhu, M.A., Muhammad, G., Saqib, M. and Iqbal, M.U. 2004. Ivermectin and its influence on the immune response of rabbits. Proc. 8<sup>th</sup> Int. Conf. Human Leucocyte Differentiation Antigens, 34<sup>th</sup> Annual Scientific meeting of the Australian Society for Immunology held at Adelaide Convention Center, South Australia from December 12–16, 2004.

#### b) National

1. **SAJID, M.S.**, Imran, M., Arshad, M.I., Malik, M.A., Yaseen, K. and Abbas, H. 2019. Mosquitoes and mosquito-borne diseases: current and future scenario in Pakistan. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 63.
2. Badar, S.N., Iqbal, Z., **SAJID, M.S.** and Rizwan, H.M. 2019. In vitro and In vivo efficacy of selected medicinal plants against *Haemonchus contortus*. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 19.
3. Ahmad, W. and **SAJID, M.S.** 2019. Crimean-Congo hemorrhagic fever perspectives in Pakistan. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 58.
4. **SAJID, M.S.**, Imran, M., Maqbool, M., Zeeshan, M., Naveed, M. and Razzaq, A. 2019. Biological control model of ticks and tick-borne diseases. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 61.
5. **SAJID, M.S.**, Imran, M., Maqbool, M., Ejaz, A., Adil, M.A. and Zaheer, T. 2019. GIS based spatial distribution and alternative control of ticks and tick-borne pathogens in the neglected districts of different agro-geo climatic zones of Punjab, Pakistan. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 62.
6. Shamim, A., **SAJID, M.S.**, Saqib, M., Zaman, M.A., Imran, M. and Rizwan, H.M. 2019. Study on immunoglobulins isotypes and histamine concentration towards resistance against *Haemonchus contortus* in Teddy and Beetle goat breeds. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 15.
7. Zaheer, T. and **SAJID, M.S.** 2019. Nano-vaccinology for prophylaxis of parasitic diseases. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 30-31.
8. Zeeshan, M., **SAJID, M.S.** and Maqbool, M. 2019. Nanotechnology: An alternate control method for ticks and mosquitoes. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 66.
9. Talib, U., **SAJID, M.S.**, Maqbool, M. and Malik, M.A. 2019. Tick-pathogen-host interaction and metabolism. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 79.
10. Razzaq, A., Shamim, A., Ali, S., **SAJID, M.S.**, Farooq, U., Amanullah, Hussain, M., Malik, A., Shahid, S., Javed, A., Afshan, K., 2019. Epidemiology and diagnosis of tick-borne diseases including Crimean Congo Haemorrhagic Fever (CCHF) at Pakistan. International Parasitology Conference (PARACON) held on November 6, 2019 at the University of Veterinary and Animal Sciences, Lahore, Pakistan. pp: 30-31.
11. Kashif, M., **SAJID, M.S.**, Iqbal, Z. and Ejaz, A. 2018. Future prospects: Adaptation strategies to diminish effects of climate change on livestock. International Conference on Climate Smart Agriculture: The Way of Farming for 21st Century, October 8-9, 2018, Muhammad Nawaz Sharif University of Agriculture, Multan, Pakistan.
12. Rizwan, H.M., **SAJID, M.S.** and Abbas, H. 2019. Evaluation of Fasciola protiens antigens as vaccine against Fasciolosis. Kinnard's 1<sup>st</sup> International Conference on Science, Technology and Innovation, April, 2-4<sup>th</sup>, 2019. Organized by Office of Research Innovation and Commercialization Kinnard College for Women, Lahore.
13. Talib, U., **SAJID, M.S.**, Malik, M.A., Asghar, M.U., Zaheer, T. and Bahadur, S.K. 2018. DNA barcoding: A new insight into biodiversity of organisms. 2<sup>nd</sup> International Conference of Biochemistry,



- Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
14. Nisar, R.H.A., **SAJID, M.S.**, Maqbool, M. and Malik, M.A. 2018. DNA Barcoding: A useful taxonomic tool for specie identification. 2<sup>nd</sup> International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
  15. Zeeshan, M., **SAJID, M.S.**, Malik, M.A., Hussain, K. and Ahmad, H. 2018. Entomopathogenic fungi: A novel control agent to combat acaricidal resistance. 2<sup>nd</sup> International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
  16. Zaheer, T., **SAJID, M.S.**, Maqbool, M. and Malik, M.A. 2018. Green nanoparticles: Alternate control strategy against ticks. 2<sup>nd</sup> International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
  17. Malik, M.A., **SAJID, M.S.**, Imran, M., Hussain, K., Shah, S.H.A., Akbar, M. and Zaheer, T. 2018. Nanotechnology: A modern tool to control mosquitoes and mosquito-borne diseases. 2<sup>nd</sup> International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
  18. Imran, M., **SAJID, M.S.**, Naseer, M.U., Shamim, A. and Yousaf, F. 2018. Genotype markers associated with resistance to parasitism in goats. 2<sup>nd</sup> International Conference of Biochemistry, Biotechnology and Biomaterials (ICBBB)-2018, Faisalabad, Pakistan.
  19. Hayat, U., Imran, M., **SAJID, M.S.**, Malik, M.A., Ayub, H.S. and Altaf, H. 2019. Climate change and emergence of vector-borne diseases: An alarming issue. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  20. Hayat, U., Imran, M., **SAJID, M.S.**, Naseer, M.U., Ayub, H.S. and Altaf, H. 2019. Climatic disturbance and conflicts whistle to Leishmaniasis. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  21. Ahmad, W. and **SAJID, M.S.** 2019. Impact of climate change on livestock and livestock systems in Pakistan: A review of what we know and what we need to know. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  22. Talib, U., **SAJID, M.S.**, Imran, M., Malik, M.A., Maqbool, M. and Bhadhur, S.U.K. 2019. Identification of novel candidate for molecular control of tick-borne pathogen. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  23. Shah, S.H.A., **SAJID, M.S.**, Maqbool, M., Malik, M.A., Hussain, M.K. and Akbar, M. 2019. Role of mathematical modelling in infectious diseases. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  24. Anwar, S. and **SAJID, M.S.** 2019. The role of wildlife management in sustaining biodiversity. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  25. Zeeshan, M., **SAJID, M.S.**, Abdullah, M., Zaheer, T. and Ahmad, H. 2019. Global scenario of emerging and re-emerging zoonotic diseases. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  26. Asghar, M.U., **SAJID, M.S.**, Iqbal, Z., Khan, M.K., Imran, M., Bajwa, H.R., Malik, M.A. and Butt, A. 2019. Climate change: Emerging tick-borne diseases and food security. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  27. Imran, M., **SAJID, M.S.**, Abbas, R.Z., Sindhu, Z.U., Khan, M.K. and Qudoos, A. 2019. Haemochotolerent goat breeds: A way towards safe and secure food in Pakistan. 1<sup>st</sup> International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  28. Imran, M., **SAJID, M.S.**, Naseer, M.U., Maqbool, M. and Shamim, A. 2019. Hypobiosis: an adaptation strategy by parasitic nematodes during harsh climatic conditions. 1<sup>st</sup> International

- Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
29. Maqbool. M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Ejaz, A. and Rizwan, H.M. 2019. Biodiesel production using microalgae cultivated on kitchen waste effluents. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  30. Akbar. M., **SAJID, M.S.**, Rehman, N., Shah, S.H.A., Anwar, S. and Malik, A. 2019. Impact of climate change on health and nutrition. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  31. Ahmad, H., **SAJID, M.S.**, Ahmad, M. and Akbar, M. 2019. Climate change impacts, mental health and community wellbeing. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” SFOocusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  32. Butt, A., **SAJID, M.S.**, Asghar, M.U., Maqbool, M. and Ahmad, H. 2019. Entomopathogenic fungi: The potential biological control agent. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  33. Zaheer, T., **SAJID, M.S.**, Zaheer, I. and Malik, M.A. 2019. Genome editing for vector control: Recent advances. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  34. Bajwa, H.R., Khan, M.K., Iqbal Z., Mughal, M.A.S., Chatha, A.K., Zafar, A., **SAJID, M.S.**, Imran, M., Hasani, M.S., Nadeem, M. and Abbas, Z. 2019. Babesiosis: A threat to wildlife. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  35. Malik, M.A., **SAJID, M.S.**, Rehman, N., Hussain, K., Zeeshan, M., Shah, S.H.A., Akbar, M., Talib, U. and Zaheer, T. 2019. Impact of climate change on vector-borne diseases. 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  36. Rizwan, H.M., **SAJID, M.S.**, Abbas, H., Qudoos, A., Imran, M. and Maqbool, M. 2019. Treatment of dermatologic disorders of animals through herbal medicines, 1<sup>st</sup> International Conference on “Agricultural and Biological Sciences” Focusing Food Security and Climate Change, March 27-30, 2019, Organized by Faculty of Basic and Applied Sciences, The University of Haripur, Pakistan.
  37. Akbar, M., **SAJID, M.S.**, and Ahmad, S.H. 2019. Cockroaches an emerging threat for pets. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019), January 21-22, 2019, jointly organized by Sindh Agriculture University, Tandojam and Higher Education Commission, Islamabad.
  38. Maqbool, M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Ejaz, A. and Rizwan, H.M. 2019. Animal fats: Alternate source for biodiesel production. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019), January 21-22, 2019, jointly organized by Sindh Agriculture University, Tandojam and Higher Education Commission, Islamabad.
  39. Hussain, K., **SAJID, M.S.**, Malik, M.A. and Atif, F.A. 2019. Anaplasma: Effects on livestock and different control methods in Pakistan. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019), January 21-22, 2019, jointly organized by Sindh Agriculture University, Tandojam and Higher Education Commission, Islamabad.
  40. Malik, M.A. and **SAJID, M.S.** 2019. Biofuel: An alternate to overcome energy crises in Pakistan. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019), January 21-22, 2019, jointly organized by Sindh Agriculture University, Tandojam and Higher Education Commission, Islamabad.
  41. Ahmad, S.H., **SAJID, M.S.**, Akbar, M. and Maqbool, M. 2019. Livestock as an asset for Pakistan GDP and rural people. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019), January 21-22, 2019, jointly organized by Sindh Agriculture University, Tandojam

- and Higher Education Commission, Islamabad.
42. Rizwan HM, **SAJID, M.S.**, R Nadeem, A Qudoos, A Ejaz, M Imran, 2018. Seasonal profile of trace element contents in forages consumed by sheep population of Sialkot district, Punjab, Pakistan. 3<sup>rd</sup> International Conference on Biosciences, May 9-11, 2018, Science Block, GC University Lahore.
  43. Iqbal, T., Khan, M.N., Imran, M., **SAJID, M.S.**, Qudoos, A. and Naseer, M.U. 2017. Tick-borne Powassan virus infection: An update on lesser known fatal disease of public health importance. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 73.
  44. Manzoor, S., Imran, M., **SAJID, M.S.**, Ejaz, M.U. and Qudoos, A. 2017. Fish borne parasitic zoonoses: An update and way forward. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 72.
  45. Afzal R., Imran, M., Khan, M.N., **SAJID, M.S.**, Qudoos, A. and Shamim, A. 2017. Abattoir based study on the comparative resistance of Teddy and Beetle breeds of goat towards natural infection of *Haemonchus contortus* in Faisalabad. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 71.
  46. Jamil, A., Imran, M., **SAJID, M.S.**, Qudoos, A. and Rizwan, H.M. 2017. Recent advances in diagnosis of toxoplasmosis: An overview. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 70.
  47. **SAJID, M.S.**, Iqbal, Z., Khan, M.N., Muhamamd, G. and Iqbal, M.U, 2017. Effect of Hyalomma ticks (Acari: Ixodidae) on milk production of dairy buffaloes (*Bubalus bubalis*) of Punjab (Pakistan). International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 13.
  48. Maqbool, M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Hassan, M.A., 2017. Role of wild Birds in distribution of Toxoplasmosis. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 25.
  49. **SAJID, M.S.**, 2017. Climate change impact on parasitic infections. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 26.
  50. Hassan, M.A., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Kausar, A., Shahzad, W., Abbas, Q., Maqbool, M., 2017. Molecular epidemiology of small ruminant theileriosis in Rahim Yar Khan district, Punjab, Pakistan. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 51.
  51. Nisar, R.H.A., **SAJID, M.S.**, Iqbal, Z., 2017. Echinococcosis: An important zoonotic disease transmitted by tapeworm. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 52.
  52. Ejaz, A., **SAJID, M.S.**, Iqbal, Z., Saqib, M., 2017. Feline vector borne diseases: A neglected issue. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 53.
  53. Batool, A., **SAJID, M.S.**, 2017. Leishmaniasis serious zoonotic threat for the rural population of Pakistan. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 54.
  54. Malik, M.A., **SAJID, M.S.**, Iqbal, Z., Saqib, M., 2017. Molecular characterization of mosquitoes using DNA barcoding. International Conference on "Recent Advances and Emerging Issues in Parasitology" organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 55.
  55. Rizwan, H.M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Shamim, A., 2017. Non-Chemical control of

- helminths in ruminants: Alternate solution for alternate worms. International Conference on “Recent Advances and Emerging Issues in Parasitology” organized by Department of Parasitology, University of Veterinary and Animal Sciences, Lahore, Pakistan, on October 25-26, 2017. P. 56.
56. Shamim, A., **SAJID, M.S.** and Zaman, M.A. 2017. Emerging and re-emerging tick-borne viruses threat for human and animals current scenario and future challenges. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  57. Adil, M.A., **SAJID, M.S.**, Nisar, R.H.A., Malik, M.A. and Maqbool, M. 2017. One health approach against food-borne parasitic diseases. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  58. Imran, M., **SAJID, M.S.**, Naseer, M.U., Qudoos, A. and Shamim, A. 2017. Implementation of one health strategy against zoonotic diseases. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  59. Nisar, R.H.A., **SAJID, M.S.**, Ejaz, A., Abbas, H., Naseer, M.U. and Adil, M.A. 2017. Historical and future perspective of Zika virus: One health scenario. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  60. Abbas, H., **SAJID, M.S.**, Adil, M.A. and Nisar, R.H.A. 2017. Zoonoses: an evolving challenge in one health. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  61. Ejaz, A., **SAJID, M.S.**, Iqbal, Z., Saqib, M., 2017. One health: strongyloidiasis a neglected soil transmitted disease. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  62. Hussain, K., **SAJID, M.S.**, Abbas, H., 2017. Nanoparticle technology: a novel approach towards mosquito control. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  63. Maqbool, M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Ejaz, A., 2017. One health and vector-borne diseases of companion animals. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  64. Malik, M.A., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Nisar, R.H.A., 2017. Vector-borne diseases in perspective of one health. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  65. Mehnaz, S., **SAJID, M.S.**, Fatima, T., 2017. One health and biting midges. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  66. **SAJID, M.S.**, Abbas, H., Imran, M., 2017. Post epidemic surveillance of Crimean Congo Haemorrhagic Fever vector ticks in district Chakwal, Pakistan. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  67. Ali, I., Imran, M., Naseer, M.U., **SAJID, M.S.**, Iqbal, Z., 2017. One health triad to combat zoonotic diseases. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  68. Rizwan, H.M., **SAJID, M.S.**, Iqbal, Z., Saqib, M., Nisar, M.K., Qudoos, A., 2017. Sustainable preventive management of gastrointestinal parasitism through phytomineral supplementation in the scenario of climate change. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  69. Akram, A., **SAJID, M.S.**, 2017. Antimicrobial resistance, food safety and one health: the need for convergence. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
  70. Batool, A., **SAJID, M.S.**, Farooq, U., 2017. Control of zoonosis on approach of one health. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary &

- Animal Sciences (CVAS) Jhang, Pakistan on November 13-15, 2017.
71. Ejaz, A., **SAJID, M.S.**, Iqbal, Z. Association of anthropogenic activities with the vectors and vector-borne diseases. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur.
  72. Maqbool, M., **SAJID, M.S.** and Qudoos, A. The role of nitrogen deposition in environmental degradation: prospects and mitigation strategies. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur
  73. Malik, M.A., **SAJID, M.S.**, Abbas, H., Maqbool, M. and Ejaz, A. Role of livestock in methane emission and its appropriate mitigation strategies. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur
  74. Iqbal, T., Imran, M., Khan, M.N., **SAJID, M.S.**, Iqbal, Z. and Qudoos, A. Survival and adaptation of parasitic ticks at higher altitudes: A potential role of climate change. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur
  75. Ali, I., Imran, M., Khan, M.N., **SAJID, M.S.**, Naseer, M.U. and Iqbal, T. 2017. Climate change and parasitism: An unnoticed threat to wildlife species. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur.
  76. Abbas, H., **SAJID, M.S.** and Imran, M. 2017. Effect of climate change on parasitic diseases. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur.
  77. Mehnaz, S., Adil, A., **SAJID, M.S.** and Fatima, T. 2017. Wildlife management: A climate change mitigation strategy. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur.
  78. Yaseen, K., **SAJID, M.S.**, Batool, A. and Ali, S. 2017. Public health in changing climate. 1<sup>st</sup> International Conference on "Climate Change and Biodiversity" May 02-04, 2017 organized by Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur
  79. Maqbool, M., **SAJID, M.S.**, Iqbal, Z. and Saqib, M. 2017. A food-borne chagas disease: A neglected menace. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  80. Abbas H., **SAJID, M.S.**, Iqbal, Z. and Imran, M. 2017. Food-borne listeriosis: Threats and challenges to human health. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  81. Afzal, R., Imran, M., Khan, M. N., **SAJID, M.S.**, Naseer, M. U. and Anwar, A. 2017. Diphyllbothriasis: An emerging fish borne threat to humans. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  82. Ali, I., Imran, M., Khan, M. N., **SAJID, M.S.**, Iqbal, Z., Naseer, M. U. and Qudoos, A. 2017. Bovine Cysticercosis: An unnoticed threat to beef industry and Public health. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  83. Imran, M., Mehnaz, S., **SAJID, M.S.**, Khan, M. N., Fatima, T., and Shamim, A. 2017. Meat-borne toxoplasmosis: Knowledge gaps and food for thought. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  84. Manzoor, S., Imran, M., Malik, M. A., **SAJID, M.S.**, Ijaz, M. U., Khan, M. N. and Qadoos, A. 2017. Gastroallergic Anisakiasis: A neglected fish-borne parasitic zoonosis. International Conference "Foods of Animal Origin" March 30-31, 2017 held by National Institute of Food Science and technology, University of Agriculture, Faisalabad.
  85. Imran, M., Khan, M.N., **SAJID, M.S.**, Riaz, M., Shamim, A., Qudoos, A., 2017. Frequency distribution of gastrointestinal helminths among different domestic breeds of goats in Faisalabad district. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 232

86. Bano, F., Khan, M.N., **SAJID, M.S.**, Riaz, M., Imran, M., Shamim, A., Qudoos, A., 2017. Frequency distribution of ectoparasitic fauna infesting the domestic dog population of district Rawalpindi, Punjab, Pakistan. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 233
87. Abbas, H., **SAJID, M.S.**, Rizwan, H.M., Malik, M.A., Ejaz, A., Mehnaz, S., 2017. DNA Barcoding: Status and importance in medical parasitology. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 236
88. Malik, M.A., **SAJID, M.S.**, Ejaz, A., Nisa, R.H.A., Abbas, H., 2017. Comparative efficacy of oral formulations of ivermectin and levamisole under in vitro conditions against *H. Contortus*. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 237
89. Ejaz, A., **SAJID, M.S.**, Nisar, R.H.A., Maqbool, M., Ahmed, W., 2017. Rickettsiosis: An emerging tick-borne disease in Pakistan. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 239
90. Mehnaz, S., **SAJID, M.S.**, Batool, A., Rizwan, H.M., 2017. Toxoplasmosis: A threat to livestock population. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 239
91. Nisar, R.H.A., **SAJID, M.S.**, Yaseen, K., Batool, A., Ejaz, A., 2017. RNA Interference: A potential molecular tool to control mosquito and mosquito borne diseases. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 84
92. Qadri, S., **SAJID, M.S.**, Akram, A., Asif, A.R., Batool, A., 2017. Sustainable control of gastrointestinal infection through introduction of genetically resistant animals. 37th international congress of zoology (international), February 28- march 2, 2017. Department of zoology, GC University, Faisalabad. P. 238
93. Shamim, A., Rasool, F., Nawaz, M., Khan, S.A., Ahmed, Z., **SAJID, M.S.**, Imran, M., Rizwan, H.M., Ahmad, W., Murtaza-ul-Hassan 2016. An evidence of myiasis in lamb of district Poonch, Azad Kashmir: A case study. Conference on "Sustainable Crop and Animal Production Systems" December 08-10, 2016, University of Haripur, Haripur, Pakistan.
94. Rizwan, H.M., **SAJID, M.S.**, Khan, M.N. Shamim, A., Imran, M. 2015. Epizootiology and control of small ruminant fasciolosis: A global scenario. Proc. 3<sup>rd</sup> International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 52.
95. Asim, A., Kazmi, S.Z.H., **SAJID, M.S.**, Siddique, R.M., Imran, M., and Iqbal, K.A. 2015. Frequency distribution of tick infecting domestic livestock species of Muzaffarabad, Azad Kashmir. The 5<sup>th</sup> International Multidisciplinary Conference held on Oct. 29-31, 2015 at Imperial College of Business Studies, Lahore. P: 13.
96. Qayyum, A., Saleemi, M.K., Khan, M.Z., Khan, H., Khatoon, A., Rizvi, F., Sultan, A., Hussain Z., Ahmed, T., **SAJID, M.S.**, Zain-ul-Abidin., 2015. Growth promoting and possible toxicopathological effects of sanguinarine (Sangrovit ®) in growing broilers. Proc. International Seminar on Poultry Diseases held on Dec. 14-15, 2015, Department of Pathology, University of Agriculture, Faisalabad, Pakistan.
97. Rizwan, H.M., Khan, M.N., **SAJID, M.S.**, Qadoos, A., Imran, M., Riaz, M. 2014. Comparative efficacy of six anthelmintic treatments against natural infection of *Fasciola* species in sheep. 5<sup>th</sup> Int. Conference on "Agriculture, Food Safety and Climate Change" held on Sep. 09-11, 2014, University of Poonch, Rawalakot and PAS – Forum. P. 237.
98. Iqbal, A., **SAJID, M.S.**, Khan, M.N., Muhammad, G., Qudoos, A., and Siddique, F., 2013. Risk dynamics of conquest by mites in buffalo (*Bubalus bubalis*) at the smallholder farms of district Toba Tek Singh, Punjab Pakistan. 2<sup>nd</sup> International workshop on dairy science park. Pp: 48-49.
99. Kausar, A., **SAJID, M.S.**, and Iqbal, Z., 2014. Malignant Theleriosis: A threat to small ruminants of Pakistan. 34<sup>th</sup> Pakistan Congress of Zoology (International) organized by Bahauddin Zakariya University, Multan held on Feb. 25-27, 2014. University of Poonch, Rawalakot and PAS – Forum. P. 238
100. Shamim, A., **SAJID, M.S.**, Siddique, R.M. Jawad-ul-Hassan, M., Hassan, M.A. and Khan M.N. 2014. Impact of global climate change on epidemiology of ticks and tick-borne diseases. 5<sup>th</sup> Int. Conference on "Agriculture, Food Safety and Climate Change" held on Sep. 09-11, 2014, University of Poonch, Rawalakot and PAS- Forum. P.238

101. Siddique, R.M., **SAJID, M.S.**, Khan, S.A., Kausar, A., Tahira, S., Iqbal, Z., and Khan, M.N. 2014. Epidemiological investigation of babesiosis in buffalo Population of district Khanewal, Punjab Pakistan. 5th Int. Conference on "Agriculture, Food Safety and Climate Change" held on Sep. 09-11, 2014, University of Poonch, Rawalakot and PAS- Forum. P.239
102. Iqbal, N., **SAJID, M.S.**, Khan, M.K., Saqib, M., Jawad-ul-Hassan, M., and Ahmed, W., 2014. Ecoepidemiology of vector population of dengue haemorrhagic fever in Pakistan; present status and future scenario. 5th Int. Conference on "Agriculture, Food Safety and Climate Change" held on Sep. 09-11, 2014, University of Poonch, Rawalakot and PAS- Forum. P.239
103. Shamim, A., **SAJID, M.S.**, Awan, K., Mushtaq, A., Bashir, N., and Bashir N. 2014. Pilot survey of tick infestation in buffalo (*Bos bubalus bubalis*) population of district Rawalakot, Azad Kashmir. 5th Int. Conference on "Agriculture, Food Safety and Climate Change" held on Sep. 09-11, 2014, University of Poonch, Rawalakot and PAS- Forum. P.240.
104. Imran, M., Khan, M.N., **SAJID, M.S.**, Shamim, A., and Siddique, R.M. 2015. Abattoir based surveillance of haemonchosis in selected indigenous breeds of goat in metropolitan Faisalabad. The 5th International Multidisciplinary Conference held on Oct. 29-31, 2015 at Imperial College of Business Studies, Lahore. P: 10-11.
105. **SAJID, M.S.**, Rizwan H.M., Iqbal, N., Tahira, S., Kausar, A., Hassan, M.A., Qudoos, A., Nadeem, R., and Khan, M.N. 2014. Prevalence of intestinal parasitic infections in rangeland sheep of district Chakwal. 5th Int. Conference on "Agriculture, Food Safety and Climate change" held on Sep. 09-11, 2014,
106. Rizwan H.M., **SAJID, M.S.**, Shamim, A., Siddique, R.M., Iqbal, N., Ahmad, W., Sabir, A., Maqbool, M., 2015. Frequency distribution of gastrointestinal parasites of grazing sheep (*Ovis aries*) in district Sialkot, Punjab, Pakistan. Proc. 3rd International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 64.
107. Shamim A., **SAJID, M.S.**, Khan, M.N., Imran, M., Siddique, R.M., Rizwan, H.M., 2015. Fascioliasis: an emerging threat for Humans' food for thought: Proc. 3rd International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 33.
108. Afzal R., Imran, M., Khan, M.N., **SAJID, M.S.**, Shamim, A., Rizwan, H.M., 2015. Fraudulent substitution of meat; an update on diagnostic methods and future challenges for its control. Proc. 3rd International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 53.
109. Malik M.A., **SAJID, M.S.**, Shamim, A., Rizwan, H.M., Sabir, A., Maqbool, M., Hayat, K., Altaf, W., Ahmad, S., Ahmad, S., 2015. Phytotherapy: a tool to combat increasing parasitic resistance against anthelmintics. Proc. 3rd International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 25.
110. Saif-ur-Rehman, Imran, M., Khan, M.N., **SAJID, M.S.**, Shamim, A., Siddique, R.M., 2015. An update on gastro intestinal protozoan infections; a persistent threat for calf raising. Proc. 3rd International Workshop on Dairy Science Park held on Nov. 16-18, 2015, University of Agriculture, Peshawar 25120, Pakistan. P 25
111. Shamim, A., Iqbal, A., **SAJID, M.S.**, Siddique, R.M., 2014. Sentinel surveillance of fasciolosis in cattle and buffalos of tehsil Nasirabad, Azad Jammu and Kashmir. 34th Pakistan Congress of Zoology. February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 194-195.
112. Kausar, A., **SAJID, M.S.**, Iqbal, Z., 2014. Malignant theileriosis: A threat to small ruminants of Pakistan. 34th Pakistan congress of Zoology, February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 192-193.
113. Rizwan, H.M., **SAJID, M.S.**, Khan, M.N., Qudoos, A., Imran, M., 2014. ELISA-based surveillance of goat fascioliasis from slaughter house of Faisalabad. 34th Pakistan Congress of Zoology. February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 185-186.
114. Imran, M., **SAJID, M.S.**, Khan, M.N., Shamim, A., Qudoos, A., Rizwan, H.M., 2014. Does *Haemonchus contortus* really hypobiose during winter in metropolitan Faisalabad? 34th Pakistan congress of Zoology. February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 186.
115. Siddique, R.M., **SAJID, M.S.**, Khan, S.A., Khan, M.N., Iqbal, Z., 2014. Epidemiological investigation of babesiosis in cattle population of district Khanewal, Punjab, Pakistan. 34th Pakistan congress of Zoology. February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 189-190.
116. **SAJID, M.S.**, Iqbal, Z., Shamim, A., Siddique, R.M., Jawad-ul-Hassan, M., Rizwan, H.M., 2014. Point

- prevalence of ticks in selected livestock populations of Khyber Pakhtunkhwa and Gilgit Baltistan, Pakistan. 34<sup>th</sup> Pakistan congress of Zoology. February 25 – 27, 2014, Bahauddin Zakariya University, Multan, Pakistan. pp: 186-187.
117. Rehman, T.U., Khan, M.N., **SAJID, M.S.**, Javed M.T., Mehmood K., 2013. ELISA based serosurveillance of bovine fascioliasis in district Sargodha. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  118. Imran, M., **SAJID, M.S.**, Khan, M.N., Rizwan, H.M., Shamim, A., 2013. An update on small ruminant haemonchosis in Pakistan: future challenges for its control. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  119. Shamim, A., **SAJID, M.S.**, Khan, M.N., Rizwan, H.M., Imran, M., 2013. Breed resistance to gastrointestinal parasitism in domestic goats (*Capra hircus*): A food for thought. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  120. Khan, M.N., Kahan, M.W.H., **SAJID, M.S.**, Virk, M.R., Iqbal, A., 2013. Point prevalence of gastrointestinal helminthes in bovine population of Paroka farm, Faisalabad, Pakistan. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  121. Ullah, S., Khan, M.N., **SAJID, M.S.**, Iqbal, A., Iqbal, Z., 2013. Comparative anti-haemonchosis effect of *Curcuma longa*, *Citrus limon* and *Peganum harmala*. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  122. Tahir, U.B., **SAJID, M.S.**, Khan, M.N., Saqib, M., Saleem, M., Ain QU., Shamim, A., 2013. Epidemiology and associated risk factors of gastrointestinal parasitism in equine population of Faisalabad metropolitan. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  123. Siddique, R.M., **SAJID, M.S.**, Khan, S.A., Khan, M.N., Iqbal, Z., 2013. Prevalence and associated factors of bovine anaplasmosis in district Khanewal. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  124. Chaudhry, M.K., **SAJID, M.S.**, Sindhu, Z.D., Saqib, M., Hassan, M.J., Saleem, M., Fatima, T., Iqbal, Z., 2013. Epidemiology of ectoparasitic fauna of equine population in Faisalabad metropolitan. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  125. Anjum, R., Khan, M.N., **SAJID, M.S.**, Rizwan, H.M. and Rehman, T. 2013. Frequency distribution of fasciolosis in the domestic sheep (*Ovis aries*) population of district Sargodha. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  126. Ashraf, J., **SAJID, M.S.**, Khan, M.N., Muhammad G., Iqbal, A., Iqbal, Z., 2013. An elucidation of ecoepidemiological aspects of ectoparasites infesting the contiguous dog population of Punjab, Pakistan. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  127. Iqbal, A., **SAJID, M.S.**, Khan, M.N., Muhammad, G., Qudoos, A., Siddique F., 2013. Risk dynamics of conquest by mites in buffalo (*Bubalus bubalis*) at the small holder farms of district Toba Tek Singh, Punjab, Pakistan. 2<sup>nd</sup> International Workshop on Dairy Science Park, November 18-20, 2013. Khyber Pakhtunkhwa Agricultural University, Peshawar, Pakistan.
  128. Qurat-ul-Ain, **SAJID, M.S.**, Iqbal, Z., 2013. Rickettsiosis: A threat to human and animal health in Pakistan. 33<sup>rd</sup> Pakistan Congress of Zoology. pp: 251-252.
  129. Iqbal, A., **SAJID, M.S.**, Khan, M.N., Muhammad, G., Kausar, A., Iqbal, Z., 2013. Infectivity of *Hyalomma* tick vectors for *Theileria annulata* in Punjab, Pakistan. 33<sup>rd</sup> Pakistan Congress of Zoology. P. 247.
  130. Shamim, A., **SAJID, M.S.**, Khan, M.N., Siddique, R.M., Iqbal, Z., 2013. A story of brain eating amoeba. 33<sup>rd</sup> Pakistan congress of Zoology. P. 251.
  131. Jawad-ul-Hassan, M., **SAJID, M.S.**, Iqbal, A., Qudoos, A., Iqbal, Z., Khan, M.N., 2013. Incidence of *Haematopinus tuberculatus* (Phthiraptera: Anoplura) in buffalo population during the winter 2012. 33<sup>rd</sup> Pakistan Congress of Zoology. P. 248.



132. Ahmad, M., Khan, M.N., **SAJID, M.S.**, Muhammad, G., Qudoos, A., 2013. Epidemiology and control of small ruminant fasciolosis in district Sargodha, Punjab, Pakistan. 33<sup>rd</sup> Pakistan congress of Zoology. P. 246.
133. Kazmi, H.F., **SAJID, M.S.**, Siddique, R.M., Jawad-ul-Hassan, M., Iqbal, A., 2013. Epidemiology of tick infestation in sheep population of district Muzaffargarh, Punjab, Pakistan. 33<sup>rd</sup> Pakistan congress of Zoology. P. 249.
134. Khan, M.N., **SAJID, M.S.**, Rizwan, H.M., Tauseef-ur-Rehman, Qudoos, A., Anjum, R., Iqbal, Z., 2013. An appraisal of ELISA for the diagnosis of fasciolosis in district Sargodha, Punjab, Pakistan. 33<sup>rd</sup> Pakistan Congress of Zoology. pp: 248-249.
135. **SAJID, M.S.**, Siddique, R.M., Iqbal, Z., Khan, S.A., Khan, M.N., Fatima, T., 2013. Epizootology of tick-borne theileriosis in cattle population of district Khanewal. 33<sup>rd</sup> Pakistan congress of Zoology. pp: 246-247.
136. Fatima, T., **SAJID, M.S.**, Saleemi, M.K., Abbas, R.Z., Iqbal, Z., 2013. Epidemiology of gastrointestinal parasites of layer population in district Faisalabad, Punjab, Pakistan. 33<sup>rd</sup> Pakistan congress of Zoology. P. 250.
137. Tauseef-ur-Rehman, Khan, M.N., **SAJID, M.S.**, Javed, M.T., Qudoos, A., 2013. Slaughter-house based epidemiology of bovine fasciolosis in district Sargodha, Punjab, Pakistan. 33<sup>rd</sup> Pakistan Congress of Zoology. P. 249.
138. Iqbal, A., **SAJID, M.S.**, Siddique, F., 2012. Descriptive epidemiology of hypodermatosis in bubaline population of district Toba Tek Singh, Punjab, Pakistan. Proc. of 36<sup>th</sup> All Pakistan Science Conference on National Prosperity through Livestock and Poultry Development, November 12-13, 2012. Gomal University, Dera Ismail Khan. P. 23.
139. Khan, M.N., **SAJID, M.S.**, Ahmad, M., Rehman, T., Anjum, R., Khan, M.K., Shamim, A., 2012. Bovine fasciolosis: Current status and future prospects. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 262.
140. Zaman, M.A., Sajid, M., Younus, M., Iqbal, Z., Rehman, T., Shakoore, A., Sikandar, A., **SAJID, M.S.**, Shamim, A., 2012. Point prevalence of gastrointestinal helminthes and Eimeria species in the large ruminants of lower Punjab, Pakistan. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 267.
141. **SAJID, M.S.**, Jawad-ul-Hassan, M., Khan, M.N., Siddique, R.M., Alvi, R.F., Fatima, T., Shamim, A., 2012. Bovine hypodermosis in Pakistan: Impacts on the national economy. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 296.
142. Siddique, R.M., **SAJID, M.S.**, Iqbal, A., Khan, M.N., Jawad-ul-Hassan, M., Tahir, U.B., Shamim, A., 2012. Parasitic infections pose serious threats for food animals in Pakistan. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 297.
143. Fatima, T., **SAJID, M.S.**, Rehman, M.A., Chaudhry, M.K., Tahir, U.B., Shamim, A., Hussain, A., Khan, S.A., 2012. Nutritional and phyto-pharmacological assets of Moringa olifera with special regard to anthelmintic activity. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 298.
144. **SAJID, M.S.**, Khan, M.N., Iqbal, A., Khan, M.K., Siddique, R.M., Shamim, A., 2012. Epidemiological aspects of mite (Acari: Sarcoptiformes) infestation in domestic sheep (Ovis aries) of district Toba Tek Singh, Punjab, Pakistan. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 299.
145. Tahir, U.B., **SAJID, M.S.**, Fatima, T., Kausar, A., Ashraf, J., Alvi, R.F., Shamim, A., Hussain, A., Khan, S.A., 2012. Food-borne parasitic diseases: A public health issue. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P.300.

146. Alvi, R.F., **SAJID, M.S.**, Chaudhry, M.K., Ashraf, J., Iqbal, A., Kausar, A., Shamim, A., 2012. Economic impacts of gastrointestinal helminthiasis in one humped camel (*Camelus dromedaries*) population of district Faisalabad. National Science Conference on "Agriculture and Food Security Issues in Global Environmental Perspectives", July 11-13, 2012, Organized by the Faculty of Agriculture, The University of Poonch, Rawalakot, Azad Jammu and Kashmir. P. 347.
147. **SAJID, M.S.**, Jawad-ul-Hassan, M., Iqbal, Z., Kausar, A., 2012. Success story of RNAi mediated gene silencing in hard ticks (Acari: Ixodidae). SAARC Regional Conference on "New Frontiers in Agricultural Genomics and Biotechnology" p. 95, held from June 5-7, 2012 at Hotel Marriott, Islamabad, Pakistan, Organized by the Pakistan Agricultural Research Council (PARC), National Agricultural Research Centre (NARC), and National Institute of Genomics and Advanced Biotechnology (NIGAB), Pakistan.
148. **SAJID, M.S.**, Kausar, A., Iqbal, Z., Jawad-ul-Hassan, M., 2012. Tick salivary gland genomics: targets for future control. SAARC Regional Conference on "New Frontiers in Agricultural Genomics and Biotechnology" p. 95, held from June 5-7, 2012 at Hotel Marriott, Islamabad, Pakistan, Organized by the Pakistan Agricultural Research Council (PARC), National Agricultural Research Centre (NARC), and National Institute of Genomics and Advanced Biotechnology (NIGAB), Pakistan.
149. Fatima, T., Rehman, M.A., **SAJID, M.S.**, Haq, M.R., Mehnaz, S., 2012. Veterinary public health and food-borne illness: A global concern over food safety. Proceedings of International Conference on Safe Food and Human Health. Department of Food Science, Government College University, Faisalabad, Pakistan. January 10-11, 2012.
150. **SAJID, M.S.**, Alvi, R.F., and Chaudhry, M.K., 2011. Equine summer bleeding: A threat for draught horses. National Conference on "Sustainable Agriculture in Changing Climate", July 7-9, 2011, Bara Gali, Abbottabad, Pakistan. P 80.
151. Iqbal, A., **SAJID, M.S.**, 2011. Manage mite infestation in small ruminant population: A challenge for livestock production. National Conference on "Sustainable Agriculture in Changing Climate", July 7-9, 2011, Bara Gali, Abbottabad, Pakistan. P 22.
152. Rehman, T., Khan, M.N., **SAJID, M.S.**, Sindhu, Z.D., and Khan, M.K., 2011. Impact of coccidiosis on draught power of cart horses in different seasons. National Conference on "Sustainable Agriculture in Changing Climate", July 7-9, 2011, Bara Gali, Abbottabad, Pakistan. P 77.
153. Iqbal, Z. and **SAJID, M.S.**, 2007. Medical importance of insects in transmission of diseases-An Overview. Proceedings of National Workshop on "Role of Insect Taxonomy and Systematics in Sustainable Agriculture" February 13-14, 2006, Islamabad, Pakistan, Page 45–50, ISBN No. 969-8542-04-3, Printing Corporation of Pakistan, Islamabad, Pakistan
154. Zaman, M.A., Iqbal, Z., Jabbar, A., Khan, M.N., Abbas, R.A., **SAJID, M.S.** and Sandhu, Z.D. 2006. Efficacy of *Caeslapinia crista* (Kranjwa) against gastrointestinal tract nematodes. 3<sup>rd</sup> National conference on Agriculture and Animal Sciences, 21<sup>st</sup>-23<sup>rd</sup> November, 2006.
155. Shah, A.H., Khan, M.N., Iqbal, Z., and **SAJID, M.S.** 2005. Some epidemiological aspects and vector role of tick infestation on layers. Proc. 2<sup>nd</sup> National Conference on Agriculture and Animal Sciences, Sindh Agriculture University Tandojam, Pakistan. November 23-25, 2005, P. 30.
156. Nadeem, M., Khan, M.N., Iqbal, Z. and **SAJID, M.S.** 2005. Influence of age, space per bird and litter change frequency on lice infestation in poultry. Proc. 2<sup>nd</sup> National Conference on Agriculture and Animal Sciences, Sindh Agriculture University Tandojam, Pakistan. November 23-25, 2005, P. 41.
157. **SAJID, M.S.**, Z. Iqbal, M. A. Sindhu, G. Muhammad, and M. U. Iqbal, 2004. Immunomodulatory effect of ivermectin against *Pasturella multocida* in rabbits. Proc. 4<sup>th</sup> Int. Science Conf. October 6-9, 2004, P. 39, held at University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan

## Articles published in popular press

### a) International

- 
1. **SAJID, M.S.**, Zafar Iqbal and M. Umair Iqbal, 2005. "Ivermectin has immunopotentiating effect in rabbits". Ibn-Al-Haitham Monthly Scientific Newsletter, May 26, 2005, Amman-11953, Jordan.
  2. Iqbal, M.U., Muhammad, G. and **SAJID, M.S.** 2005. The cheapest source of Phosphorus, Ibn-Al-
-

**b) National**

1. QGIS Unveiled in the Battle Against Parasitic Diseases. The Advocate post INFORM-INSIGHT-ADVOCATE. Issue No. 3. [www.theadvocatepost.org](http://www.theadvocatepost.org).
2. Ghazanfer S., Sajid, M.S., 2024. The climate clock is ticking; time for bold action to combat climate crisis. The Advocate post INFORM-INSIGHT-ADVOCATE. Issue No.6. [www.theadvocatepost.org](http://www.theadvocatepost.org).
3. Ghazanfer S., Sajid, M.S., 2024. The climate crisis and Dengue attacks. The Advocate post INFORM-INSIGHT-ADVOCATE. Issue No.7. [www.theadvocatepost.org](http://www.theadvocatepost.org).
4. Ghazanfer S., Sajid, M.S., Tahir, U.B. 2023. Impact of climate change on host parasite dynamic in wildlife ecosystem. Ghazanfer S., 2023
5. Ghazanfer S., Sajid, M.S., Ehsan, N. 2023. Role of reservoir host in parasitic infections. UAF Times.
6. Ghazanfer S., Sajid, M.S., Younis, S. 2023. Parasites as a bio indicator of ecosystem health. UAF Times
7. Zeeshan, M. Sajid, M.S., Younis, S. 2023. Impact of Climate Change on Arthropod-borne Diseases. Agriworld. Vol. 09(13): pp-10
8. Zeeshan, M. Sajid, M.S., Ghazanfer, S. 2023. Climate Change and Protozoan Diseases (Balantidiosis and Cryptosporidiosis). Veterinary News and Views, Vol. 07(13): pp-10
9. Tahir, U.B., Sajid M.S., Rizwan, H.M. 2023. Unveiling the entrepreneurial potential within parasites: transforming challenges into opportunities across agriculture and livestock, Veterinary News and Views.
10. Hussain, K., Kausar, M., Sajid, M.S. 2022. Tick-Borne Relapsing Fever: A Neglected Public Health Issue.. Kher-Kun (Well-wisher) Organization, February, 05.
11. Hussain, K., Kausar, M., Sajid, M.S. 2022. Attention Deficit Hyperactivity Disorder (ADHD). Kher-Kun (Well-wisher) Organization, February, 05.
12. Kausar, M., Sajid, M.S., Hussain, K. 2022. Dirofilariasis: An Important Zoonotic Infection. Technology Times. February, 01.
13. Zeeshan, M., Sajid M.S., Imran, M. 2022. House Fly: Neglected Disease Vector. Technology Times. January, 27
14. Ashraf, A., and Sajid, M.S. 2022. Medicinal Plants: A Re-Emerging Health Aid. Technology Times. January 24.
15. Ashraf, A., Sajid, M.S., and Rasool, M.H. 2022. Public Health Importance of Cockroaches. Technology Times. January 24.
16. Younis, S. and Sajid, M.S. 2022. Post disaster health challenges. Technology Times. January 22.
17. Ghazanfer S., Sajid, M.S., Rizwan, H.M. 2022. Animal Manure. Technology Times. January 22.
18. Younis, S., and Sajid, M.S. 2022. Water and Food borne parasitic diseases and their control. Technology Times. January 22.
19. Tanveer, A. and Sajid, M.S. 2022. Arthropods- The Ancient Survivors. Technology Times. January 21.
20. Ashraf, A., and Sajid, M.S. 2021. Leishmaniasis: A Threat to Global Health. Technology Times. November 22.
21. Ashraf, A., Sajid, M.S., and Hussain, K. 2021. Babesiosis: An Emerging Zoonotic Disease Transmitted by Tick Bite. Veterinary News and Views. Vol 17, page. 12
22. Younis, S., and Sajid, M.S. 2021. What make difficult for parasites. Technology Times. November 01.
23. Ashraf, A., and Sajid, M.S. 2021. Therapeutic Importance of *Cymbopogon Citratus* (Lemon Grass). Technology Times. September 17.
24. Ashraf, A., and Sajid, M.S. 2021. Epidemiology of Bed Bugs. Technology Times. September 17.
25. Kausar, M., Sajid, M.S. and Hussain, K. 2021. Zika and pregnancy. Technology Times. August 30
26. Tanveer, A. and Sajid, M.S. 2021. Parasites: What you need to know. Technology Times. August 15.
27. Kausar, M., Sajid, M.S. and Hussain, K. 2021. Mosquito control technique in Singapore. Technology Times. August 07
28. Kausar, M., Sajid, M.S., Nazim, A. and Ali, R.M.A. 2021. Yellow fever, an emerging issue.

- Technology Times. August 03
29. Kausar, M., Sajid, M.S., Nazim, A. and Ali, R.M.A. 2021. Increasing trend of Dengue fever globally and in Pakistan. Technology Times. July 31
  30. Younis, S., **Sajid, M.S.** 2021. Nanoparticles Advance practice for tick control. Technology Times. September, 15
  31. Kausar, M., Sajid, M.S., Nazim, A. and Ali, R.M.A. 2021. Emerging ivermectin resistance, A global issue. Technology Times. August 09
  32. Rajput, M., Sajid, M.S and Memon, S. 2021. Neglected parasitic disease among pregnant women. Technology Times, August 08
  33. Tanveer, A., **Sajid, M.S.** 2021. Parasites: What you need to know. Technology Times. August, 15.
  34. Ghazanfar, S., **Sajid, M.S.**, Rizwan, H.M. 2021. Fascioliasis: An epidemiological overview. The Business. 16(243): pp. 2
  35. Zeeshan, M., **Sajid M.S.**, Ghazanfar, S. 2021. Trichomoniasis: A veiled sexually transmitted disease. The Business. 16(243): pp. 3
  36. Zeeshan, M., **Sajid M.S.**, Maqbool, M. 2021. Water-Borne parasitic diseases: measures to be safe. The Business. 16(249): pp.2
  37. Zeeshan, M. and **Sajid, M.S.** 2019. Preventing Congo that transmitted through ticks. Technology Times, May 09.\*
  38. Zeeshan, M., **Sajid, M.S.**, Zaheer, T., Farooq, U. 2019. Lyme's Disease: Public Health Concern. Veterinary News and Views. 14(27): pp. 10
  39. Zeeshan, M., **Sajid, M.S.**, Zaheer, T., Malik, M.A. 2019. Toxoplasmosis: A disease of Public Health Significance. Veterinary News and Views, Vol. 14(40): pp. 10
  40. Zeeshan, M., and **Sajid, M.S.** 2019. Leishmaniasis: An Overview, Agri World News, Vol. 5(21).
  41. Ahmad, W. and **SAJID, M.S.** 2019. Significance of ticks and tick-borne pathogens. Technology Times, April 02, 2019.
  42. Ahmad, W. and **SAJID, M.S.** 2019. Migratory birds and associated pathogens. Technology Times, June 17, 2019.
  43. Malik, M.A. and **SAJID, M.S.** 2019. Piroplasmosis: A tick-borne infection. The Veterinary News and Views, (26): P10 May, 2019.
  44. Malik, M.A. and **SAJID, M.S.**, 2019. Biological control of mosquitoes. Agri World, (10): P05 April 2019.
  45. Maqbool, M. and **SAJID, M.S.**, 2019. Chikungunya. Agri World, (12): P07 May 2019.
  46. Hussain, K. and **SAJID, M.S.**, Atif, F.A., Malik, M.A. and Shah, S.H.A. 2019. Role of animal products in food-borne illness. Agri World, (3): P05 January 2019.
  47. Hussain, K. and **SAJID, M.S.**, Atif, F.A., Malik, M.A. and Shah, S.H.A. 2019. Mosquito threats and their control, The Veterinary News and Views, (13): P10 January 2019.
  48. Hussain, K. and **SAJID, M.S.**, Atif, F.A., Malik, M.A. and Shah, S.H.A. 2019. Impact of Vector Borne Diseases on Livestock and Companion Animals, The Veterinary News and Views, 14 (10): P10
  49. Anwar, S. and **SAJID, M.S.** 2019. The role of one health in wildlife conservation: A challenge and opportunity. Veterinary News and Views, 14 (14): P07.
  50. Anwar, S. and **SAJID, M.S.** 2019. Snail-borne infections: a concern for livestock and public health. Veterinary News and Views, 14 (10): P10.
  51. Akbar, M. and **SAJID, M.S.** 2019. Delivering health care in crises; challenges faced by women, children and adolescents in emergencies. Veterinary News and Views, 14 (9): P10.
  52. Shah, S.H.A. and **SAJID, M.S.** 2019. Fascioliasis: Malaria and Pharmacognosy, Veterinary News and Views, 14 (06): P07.
  53. Shah, S.H.A. and **SAJID, M.S.** 2019. Fascioliasis: An emerging zoonotic disease, Veterinary News and Views, 14 (11): P10.
  54. Akbar, M. and **SAJID, M.S.** 2019. Vicious cycle of malnutrition and parasitic infections. Veterinary News and Views, 14 (9): P10.
  55. Imran, M., and **SAJID, M.S.** 2018. Selection of parasite resistant goat breeds: A step towards sustainable parasite control. Veterinary News and Views, November 16-23, 2018.
  56. Malik, M.A., Naseer, M.U., **SAJID, M.S.**, Imran, M., 2018. Influence of environment on the occurrence of parasitic diseases. Agri World, May 01-15, 2018.
  57. Mehnaz, S. and **SAJID, M.S.** 2017. Common ectoparasites of the camels in Pakistan and their

- control. Technology Times, 08 (32).
58. Nisar, R.H.A., **SAJID, M.S.** and Iqbal, Z., 2017. Lyme disease: an important zoonotic disease transmitted through tick bite. Technology Times
  59. Ahmad, W. and **SAJID, M.S.** 2017. Migratory birds – Another culprit behind spread of gastrointestinal parasites. Technology Times. 07(03).
  60. Abbas, H. and **SAJID, M. S.** 2017. Congo se bachao: khauf nhi, ahtiyaat. Zarai Digest, Issue Jan, 2017. (Urdu)
  61. **SAJID, M.S.**, Ali, S., Yaseen, K., Khalid, U., 2016. Dengue bokhar: Alaamat or Taddaruk. The Weekly Veterinary News and Views, November 1 – 7, 2016, Vol : 10 (In Urdu)
  62. **SAJID, M.S.**, Ali, S., Yaseen, K., Khalid, U., 2016. Mosquito-borne viruses: their emergence in Pakistan and prevention. The Weekly Veterinary News and Views, November 1 – 7, 2016, Vol: 10
  63. Shamim, A. and **SAJID, M.S.**, 2015. Tick-borne bourbon virus re-emerged. The Weekly Veterinary News and Views, 10(20): 7.
  64. Maqbool, M. and **SAJID, M.S.**, 2015. Role of parasitologist in one health. The Veterinary News and Views, 10(17): 10.
  65. Sabir, A. and **SAJID, M.S.**, 2015. Ticks. The Veterinary News and Views, 10(17): 10.
  66. Hayat, K., and M.S. Sajid, 2015. Dengue fever in Pakistan. The Veterinary News and Views, 10(17): 10.
  67. Maqbool, M. and M.S. Sajid, 2015. Bioterrorism and parasites. The veterinary news and views, 10(27): 10.
  68. Sabir, A. and **SAJID, M.S.**, 2015. Global warming, parasites and ecosystem. The veterinary news and views, 10(27): 10.
  69. Ahmad, A. and **SAJID, M.S.**, 2015. Fleas: Mischiveous creatures posing grim intimidation to canines, felines and humans. The Veterinary News and Views, 10(27): 7.
  70. Imran, M., Khan MN., and **SAJID, M.S.**, 2015. Nematodes can be controlled through biological means. The Veterinary News and Views, 10(28): 10.
  71. Rizwan HM, **SAJID, M.S.**, and Iqbal, Z. 2015. Potentiating the immunity to parasitic infection through supplement of trace element rich forages. The Veterinary News and Views, November 08-15, 2015, 11(02): P. 7.
  72. Hassan, M.A., **SAJID, M.S.** and Iqbal, Z., 2014. Babesiosis in small ruminants: a summer nightmare. The Veterinary News and Views, October 15 – 21, 2014. 9 (48): 8
  73. Rizwan, H.M., **SAJID, M.S.**, Khan, M.N., 2014. Recent trends in the diagnosis of fascioliasis. The Veterinary News and Views, October 15 – 21, 2014. 9 (48): 8
  74. Shamim, A. and **SAJID, M.S.**, 2014. Summer bleeding: Keep horse exultant during summer season. The Veterinary News and Views, May 15 – 21, 2014. 9 (27): 8
  75. Rizwan, H.M., **SAJID, M.S.**, Khan, M.N., 2014. Does Pakistan provide optimum condition for endemicity of fasciolosis? The Weekly Technology Times, January 13 – 19, 2014. Vol V, No. 3, P.2
  76. Ayaz, T.A., **SAJID, M.S.**, Tahir, U.B., 2014. Role of biotechnology in Parasitology. The Weekly Technology Times, January 6 -12, 2014. Vol V, No. 2, P.2
  77. Siddique, R.M., **SAJID, M.S.** and Iqbal Z. 2013. Theileriosis: A summer nightmare for livestock. Technology Times, Vol IV, P. 47-48.
  78. Iqbal, A., **SAJID, M.S.**, 2013. Theileriosis an endemic threat to the domestic livestock of Pakistan. The Monthly Agro Veterinary News (AVN), 25: 7.
  79. Tahir, U.B., **SAJID, M.S.**, 2013. A window of gastrointestinal parasitism of equines. Weekly Technology Times, October 21 – 27, 2013, Vol IV, No. 3, P. 6
  80. Qurat-ul-Ain, **SAJID, M.S.**, Jawad-ul-Hassan, M., 2013. Beroni tufailiat: Tadaruk k liye marboot hikmat-e-amli. Mah'nama Kisan Risala, October 2013, P: 9, 12
  81. Shamim, A., **SAJID, M.S.**, 2013. A story of the brain eating amoeba. Weekly News and Views, March 8-15, 2013. P 10.
  82. Shamim, A., **SAJID, M.S.**, 2013. Machar se phelnay wali insane o haiwani bemarian. Monthly Kisan Time, July 2013. pp: 35-37.
  83. Tahir, U.B., **SAJID, M.S.**, 2013. Beware of wild birds. Weekly Veterinary News and Views, March 16 – 23. P 10.
  84. Jawad-ul-Hassan, M. and **SAJID, M.S.**, 2013. Sustainable management of gastrointestinal parasites of ruminants. The Weekly Technology Times, January 7 – 13, 2013. P 2.
  85. Qurat-ul-Ain, **SAJID, M.S.**, Iqbal, Z., 2013. Integrated ectoparasites control strategy: Food for

- thought. The Weekly Technology Times, May 5 - 12, 2013. P 2.
86. Fatima, T., **SAJID, M.S.**, Iqbal, Z., 2013. Papita bataur kirm kush. The Veterinary News and Views, June 01 – 7, 2013. P 10.
  87. Jawad-ul-Hassan, M., and **SAJID, M.S.**, 2013. Maggot debridement therapy – an untold story. The Weekly Technology Times, November 12 – 19, 2012. P:3
  88. Tahir, U.B., **SAJID, M.S.**, 2012. Say no to foods contaminated with parasites. Technology Times, September 23, 2012. P:2
  89. Jawad-ul-Hassan, M. and **SAJID, M.S.**, 2012. Janwaroon main tafaeliyat ki rok tham ka paiedar nizam. Khabraien, September 21, 2012.
  90. Kausar, A. and **SAJID, M.S.**, 2012. Hoshyar bas tafeliyat ka qimiyae ta'akub. Kissan Wing, September 17, 2012. P:28
  91. **SAJID, M.S.**, Iqbal, A. and Fatima, T., 2012. Bhains makhi aur os ka control. Veterinary Doctor, P:37
  92. Kausar, A. and **SAJID, M.S.**, 2012. Worms track us down with chemical trails. Technology Times, August 6, 2012. P:2
  93. Fatima, T., **SAJID, M.S.**, Ramzan-ul-Haq, M. and Mahnaz, S., 2012. Sailab zadah ilaqo k janwaroon main paida hony wali tafali amraz or on ka tadaruk. Zraie Digest, April-June, 2012.
  94. Fatima, T. and **SAJID, M.S.**, 2012. Papaya: An effective tool against war on parasites. The Last Way, August 14, 2012.
  95. Fatima, T. and **SAJID, M.S.**, 2012. The story of a magical tree (Moringa). The Veterinary News and Views, August 1-7, 2012. P.10
  96. Kausar, A., and **SAJID, M.S.**, 2012. Worm track us down with the chemical trails. The Veterinary News and Views, July 24-31, 2012, 7 (36): P7.
  97. Kausar, A., and **SAJID, M.S.**, 2012. Hoshiar baash! Tufailiat ka chemiayi ta'akub. The Veterinary News and Views, July 16-23, 2012, 7 (35): P6.
  98. Alvi, R.M., **SAJID, M.S.**, 2012. The ship of desert in the grave peril. The Nation, Monday 19<sup>th</sup> March, 2012.
  99. **SAJID, M.S.**, Iqbal, M.U. and Khan, M.N., 2006. Preventing ticks' harmful effects on livestock. Dawn Economic & Business Review, July 10 –16, 2006.
  100. Bilal, M.Q., **SAJID, M.S.** and Iqbal, M.U. 2006. Deworming Dairy Animals. Dawn Economic & Business Review, April 24-30, 2006, . III.
  101. **SAJID, M.S.**, and Iqbal, Z. 2005. Threat of hypodermosis to livestock. Dawn Economic & Business Review, December 5–11, 2005, P.III.
  102. **SAJID, M.S.**, and Iqbal, Z. 2005. Malaria: A serious threat in Pakistan. Daily Pakistan Times, October 21, 2005.
  103. Bilal, M.Q., **SAJID, M.S.** and Iqbal, M.U. 2005. Still Controversial debate whether oxytocin is dangerous for dairy animals and human health. The Nation Sunday plus, October 16, 2005, P: 26-27.
  104. Iqbal, M.U. and **SAJID, M.S.** 2005. "Phosphorus deficiency in dairy animals". Sci-tech World, Saturday, October 08, 2005 P. 9.
  105. Bilal, M.Q., **SAJID, M.S.**, and Iqbal, M.U. 2005. "Controlling mastitis in milch animals" Dawn Economic and Business Review, September 26 – October 2, 2005 P.III.
  106. **SAJID, M.S.** and Iqbal, M.U. 2005. "Goat: a good source of milk and meat". The Nation Sunday plus, July 31, 2005, P: 26.
  107. **SAJID, M.S.** and Iqbal, Z. 2005. "Livestock Pests (Lice can reduce your livestock productivity to a bare minimum)". The Nation, July 3, 2005, P:25
  108. Bilal, M.Q. and **SAJID, M.S.** 2005. "Meeting milk demand (The only way is to modernize dairy farming)". The Nation, May 29, 2005, P: 26
  109. **SAJID, M.S.**, Iqbal, Z. and Muhammad, G. 2005. "New Victories in War on Parasites". The Nation Suday Plus, p. 26. April 10, 2005.
  110. Shah, A.H., **SAJID, M.S.** and Khan, M.N. 2005. "Chicken ticks". The Nation Suday Plus, p.16. March 20, 2005.
  111. **SAJID, M.S.** and Khan, M.N. "Save your goat". The Nation Sunday Plus, p. 30. August 29, 2004.

Articles appeared in in-house organs

1. Malik, M.A., **SAJID, M.S.** and Zaheer, T. 2019. Janwaron mai joen aur en sy paida shuda nuqsanaat, Agri World, June 2019, P. 09.
2. Ejaz, A. and **SAJID, M.S., Iqbal, Z. and Mehnaz, S.** 2018. Rikettsiosis ki haiwan aawardah marz ki ehmiat. Zarai Digest, January 2018, P. 33
3. Mehnaz, S. and **SAJID, M.S.** 2018. Kooter sy laahak khatraat aur en ka sad-e-bab. Zarai Digest, January 2018, P. 32
4. Mehnaz, S. and **SAJID, M.S.** 2017. Pakistan k mawashioon ma unthoon ka kirdaar or un ko dar paish bairooni tafali amraaz. Zarai Digest, October 2017, P. 39
5. Rizwan, H. M., **SAJID, M.S.**, and Iqbal, Z. 2017. Janwaron ma ma'adni namkiyaat k zariye tafaliyaat ki rok thaam ka jaizaa. Zarai Digest, October 2017, P. 38.
6. Rizwan, H.M., **SAJID, M.S.** and Khan, M.N. 2014. Nashebi elaqon k janwaron ko fasciola sy lahaq khatrat aur en k sad e bab ka jaaiza. Veterinary Doctor, June, 2014, Vol: 19, Issue, 6, pp. 7.
7. Alvi, R.M., Fatima T., **SAJID, M.S.**, Hassan, J., 2012. Oont ko lahaq Khatrat or un ka sad-e-bab (Urdu). Zari Digest, July-September, 2012, University of Agriculture Press, P:
8. Fatima, T., **SAJID, M.S.**, Ramzan-ul-Haq, M. and Mahnaz, S., 2012. Sailab zadah ilaqa k janwaroon main paida hony wali tafali amraz or on ka tadaruk. Zarai Digest, April-June, 2012.
9. Shah, A.H., **SAJID, M.S.** and Iqbal, Z. 2005. Layer Murghion Mein Chichroon Ka Hamla, Zarai Digest, p. 73-74, March to May, 2005.
10. **SAJID, M.S.**, Zafar Iqbal, Ghulam Muhammad, and M. Umair Iqbal, 2004. Bakriyon Mein Mehro Ki Makhi, Zarai Digest, p. 79-80, September to November, 2004.