

## Dr. MANSOOR TARIQ SAMOO

Ph.D. M.Sc. (Hons.), D.V.M.

Assistant Professor

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**Profile** <http://favs.sau.edu.pk/vp/faculty-members.php#>

**Website:** <https://veterinarypathology.wordpress.com/>



### PERSONAL BIO-DTA

➤	Father's Name	Mohammad Qasim
➤	Surname	Samoo
➤	Date of Birth	19-06-1981
➤	Marital status	Married
➤	Domicile	Hyderabad, Sindh

### ACADEMIC PROFILE

<b>2012-2015</b>	<b>Doctor of Philosophy (Ph.D.)</b> China Agricultural University, Beijing, P.R. China.
<b>2007-2010</b>	<b>Master of Science (M.Sc. Hons.)</b> Sindh Agriculture University, Tando Jam, Pakistan
<b>2001-2006</b>	<b>Doctor of Veterinary Medicine (D.V.M)</b> Sindh Agriculture University, Tando Jam, Pakistan
<b>1998-2000</b>	<b>Intermediate (Pre-Medical)</b> Grade: First Division, B.I.S.E., Hyderabad
<b>1996-1998</b>	<b>Matric (Science)</b> Grade: First Division, F.B.I.S.E., Islamabad.

### TEACHING & RESEARCH EXPERIENCE

13 years 01 month 20 days

Job Entitle	Duration	Institute
Assistant Professor	25-08-2015 to date	Department of Veterinary Pathology, S. A. U Tandojam
Lecturer	01-07-2008 to 24-08-2015	Department of Veterinary Pathology, S. A. U Tandojam

## HEC RECOGNITION & PVMC REGISTRATION

<b>2019 to date</b>	Higher Education Commission (HEC) approved Ph.D. supervisor
<b>2018 to 2023</b>	Registered as a RVMP with Pakistan Veterinary Medical Council (PVMC) Registered as a RVMF with Pakistan Veterinary Medical Council (PVMC)

## PROJECTS AS A PRINCIPAL INVESTIGATOR (PI)

- HEC Project Awarded** “Institutional Strengthening Grant for Upgrading the Laboratories and Libraries (ISULL)” **Veterinary Clinical Pathology Laboratory** under the Project Institutional Strengthening Program in 2018. Project Worth of 2.510 million
- NRPU Project** “Molecular characterization of emerging field strains of Infectious bronchitis (IB) virus in Sindh” (Submitted Ref. # HEC/R&D/RGA/NRPU/2021/20355)

## M. PHIL / Ph.D. SUPERVISOR / CO-SUPERVISOR

Degree program	Supervised/Co-supervised	Numbers
<b>PhD</b>	Under Supervision	<b>02</b>
	Under Co-supervision	<b>02</b>
<b>MPhil</b>	Supervised	<b>10</b>
	Under supervision	<b>03</b>
	Co-supervised	<b>10</b>
	Under Co-supervision	<b>02</b>

## CHARGES AT FACULTY

CHARGES	Year
Head Invigilator Faculty A.H and Vet. Sci	2019
Member of Undergraduate Scholarship Evaluation	2018
Member of Department and Faculty Board	2016
Member of QEC at Department	2010

## PUBLICATIONS

PUBLICATIONS	Numbers
Impact factor publications	11
HEC recognized publications	06
Conference / Symposiums	03
Last five years publications	07
<b>Total Impact factor</b>	<b>16.96</b>

## PhD STUDENTS UNDER SUPERVISION

1. Molecular identification and characterization of salmonellosis in layers at Karachi. Ayaz Ali, Reg # 2K19-VP-01
2. Prevalence, pathotyping and phylogenetic analysis of avian influenza viruses isolated from poultry at Karachi. Amjad Ali Channa Reg # 2K17-VP-23.

## M. PHIL SUPERVISED STUDENTS

1. Pathological Study Experimental Low Pathogenic Avian Influenza (H7N3) Infection in Broilers, Wild Pigeons and House Sparrows. Student Akhtar Ali Reg # 2K13-VP-99 Year 2016.
2. Comparative Study on Pathogenesis of Two Strains of Newcastle Disease Virus in broiler and desi chicken. Student Syed Ihsan Ahmad Reg.# 2K13-VP-104 Year 2017.
3. Pathological Study on Experimental Infection of Contagious Caprine Pleuropneumonia (CCPP) in Sheep. Student Munaza Soomro Reg# 2K14-VP-76 Year 2017.
4. Pathological Study on Experimental Infection of Contagious Caprine Pleuropneumonia (CCPP) in Different Age Groups of Goats. Student Ayaz Ali Reg. # 2K15-VP-82 Year 2018.
5. Assessment of Liver and blood biochemical parameters of horses during immunization with venom of *Echis Carinatus*, *Echis Sochureki* and *Daboia Russell*. Student Hina, Reg. # 2K16-VP-73.
6. Haematological Assessment of Horses during Immunization with venoms of *Echis carinatus*, *Echis Sochureki* and *Daboia Russell*. Student M. Amin Nizamani, Reg. No. 2K16-VP-74.
7. Pathological study on induced *Clostridium perfringens* type D infection in rabbit. Student Zainullah Kakar 2019
8. Pathological study on induced *Clostridium perfringens* type B infection in rabbit. Student Tanveer Hussain 2019
9. Comparative pathological study on induced *Emeria tenella* infection in broiler chicken and pigeon. Student Tariq Khan 2K18-VP-102.
10. Comparative pathological study on induced *Emeria tenella* infection in broiler chicken and Japanese quail. Student Imdadullah Jamali 2K19-VP-70. 2021

## PROFESSIONAL TRAININGS

1. HEC Plagiarism Policy and Effective Usage of Turnitin Services organized by PASTIC and PSF held at Sindh Agriculture University, Tandojam 16th April 2019.
2. Applications of Biotechnology in Plant and Animal Sciences a PAK-CHINA Joint Symposium held at Sindh Agriculture University, Tandojam 27th to 27th June 2012.
3. Microteaching Skills and Techniques organized by Sindh Agriculture University Tandojam in collaboration with Learning Innovation Division HEC. 22nd to 25th Feb 2012.
4. Professional Competency Enhancement Program for Teachers Sponsored by National Academy of Higher Education held at Sindh Agriculture University, Tandojam Dec 01 to Jan 10, 2011.
5. Training on PCR Applications sponsored by PAK-USAID Project at Sindh Agriculture University, Tandojam 8th to 10th Oct 2009.
6. Application of Modern Statistical Techniques in Agriculture and Animal Sciences held at Sindh Agriculture University, Tandojam 9th to 14th Mar 2009.

## PUBLICATIONS

S.No	AUTHORS	TITLE	JOURNAL	VOL. & DATE	REMARKS
01	I Tarique, MG Shah, IB Kalhoro, ZA Nizamani, <b>Mansoor Tariq</b> , JA Gadahi, SA Fazlani, B Sahito	Morphometric analysis of skin in different body regions of young and adult red Sindhi Cattle <i>Bos indicus</i>	Pak J Zoology	PP 1-8, 2021	HEC Recognize IF= 0.83
02	ZA Soomro, ZA Nizamani, NH Kalhoro, SA Soomro, H. Yu, K. Chen, <b>Mansoor Tariq</b> , WA Vistro, AA Soomro,	Studies on surveillance and pathology of <i>E. Coli</i> infections in poultry in Sindh province of Pakistan	Fresenius Environmental Bulletin	(30)7: 8051-8062 2021	SCI Paper IF= 0.55
03	AA Chana, <b>Mansoor Tariq</b> , ZA Nizamani, NH Kalhoro	Sero-quantification of Antibodies against Avian Influenza Virus (H9N2) in poultry, Karachi, Pakistan	IBRAS	5: 2021	HEC Recognize
04	HM Solangi, JA Gadahi, <b>Mansoor Tariq</b> , B Bhutto, ZA	<i>Haemonchus contortus</i> Crude Proteins Produced Partial Protective Immunity against the Experimental Infection.	Pak J Zoology	52 (4) 2020	HEC Recognize IF= 0.83

	Laghari, JSoomro				
05	Imran Tarique, <b>Mansoor Tariq</b> , Xuebing Bai, Qu Wenjia, Ping Yang, Yufei Huang, Yang Sheng,	Interaction of Epididymal Epithelia and their Secretions with Spermatozoa Supports Functional and Morphological Changes During Long-Term Storage in the Chinese Soft- Shelled Turtle	Microscopy and Microanalysis	(26)3: 542-550  2020	SCI Paper  IF= 3.41
06	B. Murree, Z.A. Nizamani, I. H. Laghari, N. M. Soomro, <b>Mansoor Tariq</b> , F. Parveen	Pathology and Transmission of Experimental Velogenic Viscerotropic Newcastle Disease in Wild Pigeons, Broiler and Aseel Chicken	Science International	28 (4), 3965- 3971.  2017	HEC Y Category
07	D. H. Kalhoro, S. Gao, M. S. Kalhoro, F. Parveen, <b>Mansoor Tariq</b> , S. A. Pirzado, Y.J.Liu	<i>Staphylococcus</i> <i>Pseudintermedius</i> Isolation from Canine, Bacterial Colonization and Clinical Picture in BALB/C Mouse Model.	JAPS	27 (2): 422-429.  2017	HEC W Category  IF= 0.52
08	H. Yuan, R.Chen, <b>Mansoor Tariq</b> , Y. Liu, Y. Sun and Chun Xia	Crystal Structure of Zebrafish Complement IqA globular domain.	Protein Structure Reports IF= 2.82	Vol 25: 1883-1889  2016	SCI Paper
09	N. Rahu, R. Rind, M. S. Kalhoro, D. H. Kalhoro, F. Parveen, <b>Mansoor Tariq</b> , S. A. Pirzado, R. A. Leghari and S. Kalhoro	Prevalence of Subclinical mastitis in sheep caused by bacterial species in Tandojam, Sindh.	Int. J. Biol. Biotech.	13 (3): 347-350  2016	HEC Y Category
10	Kaleem ullah, <b>Mansoor Tariq</b> , D. H. Kalhoro, F. Parveen, S. A. Pirzado, and Imran Tarique	Hematological and Biochemical Changes Caused by Tick Infestation in Buffalo.	Pak. Journal Entomology	31(2):171-176  2016	HEC Z Category
11	M. F. Laghari, Z. A. Nizamani, I. H. Laghari, <b>Mansoor Tariq</b> ,	Hemato-biochemical and pathological studies on induced <i>Pastuerella Multocida</i> infection in rabbits.	Sindh Univ. Res. Jour.	48 (3) 671-674.  2016	HEC W Category

	A. Sethar, F. Parveen				
12	<b>Mansoor Tariq</b> , Rong Chen, Hongyu Yuan, Yanjie Liu, Wu Yanan, Wang Junya, Chun Xia	<i>De Novo</i> Transcriptomic Analysis of Peripheral Blood Lymphocytes from the Chinese Goose: Gene Discovery and Immune System Pathway Description.	PLoS One IF= 3.24	DOI: 10.1371/ j.pone. 0121015 1-30  2015	SCI Paper
13	Zhaosan Chen, Nianzhi Zhang, Shuangshuang Lu, <b>Mansoor Tariq</b> , Junya Wang, Xia Chun	Crystallization and preliminary X-ray diffraction analysis of the two distinct types of zebrafish $\beta$ 2-microglobulin.	Acta crystallographica Section F, Structural biology communications IF= 1.056	71(Pt 6): 794-798  2015	SCI Paper
14	Wang Z, Chen R, <b>Mansoor Tariq</b> , Jiang B, Chen Z, Xia Chun	Complex assembly, crystallization, and preliminary X-ray crystallographic analysis of the bovine CD8 $\alpha$ alpha-BoLA- 2*02201 complex.	Acta crystallographica Section F, Structural biology communications IF= 1.056	70 (Pt 6): 742-746  2014	SCI Paper
15	Liu Y, Chen R, <b>Mansoor Tariq</b> , Xia Chun.	Complex assembly, crystallization, and preliminary X-ray crystallographic analysis of the chicken CD8 alphaalpha-BF2*0401 complex.	Acta crystallographica Section F, Structural biology communications IF= 1.056	70 (Pt 9): 1264-1267  2014	SCI Paper
16	Yuan H, Chen R, Liu Y, <b>Mansoor Tariq</b> , Sun Y, Xia Chun	Crystallization and preliminary crystallographic studies of the complement 1qA globular domain from zebrafish, DareC1qAgD.	Acta crystallographica Section F, Structural biology communications IF= 1.056	70 (Pt 7): 911-914  2014	SCI Paper
17	Jiang B, Liu Y, Chen R, Wang Z, <b>Mansoor Tariq</b> , Xia C	Crystallization and preliminary X-ray diffraction analysis of a single variable domain of the immunoglobulin superfamily in amphioxus, Amphi- IgSF-V.	Acta crystallographica Section F, Structural biology communications IF= 1.056	70 (Pt 8): 1072-1075  2014	SCI Paper