

## Dr. Zahir Shah

LECTURER  
 Veterinary Surgery,  
 Department of Animal Health  
 The University of Agriculture Peshawar, Pakistan  
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Domicile	FATA (Kurram Agency)
Date of Birth	05-03-1980
Nationality	Pakistani
NIC#	21302-0913902-5
Passport#	TW5149021
Marital status	Married

### **Educational Profile:**

#### **Doctor of Philosophy (PhD) in Clinical Veterinary Medicine**

(Veterinary Surgery and Small Animal Diseases **2012-2015**  
 Huazhong Agricultural University Wuhan 430070, Hubei, P.R. China

#### **MSc (Hons) Surgery and Obstetrics, (CGPA 3.67 or 80.83%), 2006-2008**

Sindh Agricultural University, Tandojam Pakistan

#### **Doctor of Veterinary Medicine (DVM) (65.12 %), 2000-2005**

Sindh Agriculture University Tandojam Pakistan

### **Research project Undertaken:**

- i. Electroacupuncture provides analgesia in combination with dexmedetomidine and regulates phospho-ERK1/2 expression in the central nervous system
- ii. Comparative studies on sedative and physiological effects of xylazine, detomidine and medetomidine in goats.

## **I. List of Publications**

- 1). **Physiological and biochemical effects of electroacupuncture combined with intramuscular administration of dexmedetomidine to provide analgesia in goats.**  
 Accepted in the AJVR 2015 (IF: 1.3).
- 2). **TNF/TNFR1 pathway and endoplasmic reticulum stress are involved in ofloxacin-induced apoptosis of juvenile canine chondrocytes.**  
 Toxicology and Applied Pharmacology, doi:10.1016/J.Taap.2014.02.003 (IF: 3.975).

- 3). **A Review on the Current Use of Alpha<sub>2</sub>-agonists in Small Ruminants.**  
Kafkas Univ Vet Fak Derg. doi: 10.9775/kvfd. 2013.10541 (IF: 0.258).
  - 4). **Electroacupuncture-Induced dynamic processes of gene, expression levels of endogenous opioid peptide precursors and opioid receptors in the CNS of goats.** Evidence-Based Complementary and Alternative Medicine, 2013, doi:10.1155/2012/476457 (IF: 1.7).
  - 5). **Role of Nitrogen Fertilizer in Crop Productivity and Environmental Pollution.**  
Inte J Agr and Forestry. 2014. doi: 10.5923/j.ijaf.20140403.09.
  - 6). **Comparative studies on sedative and analgesic effects of xylazine and detomidine in goats.**  
J. Anim. Plant. Sci. ISSN: 1018-7081 (IF: 0.585).
  - 7). **Evaluation of Biochemical effects of Diclofenac sodium in goats.**  
J. Anim. Plant. Sci. (IF: 0.585).
  - 8). **Study on post thawing quality of kundhi buffalo semen.**  
J. Anim. Plant. Sci. (IF: 0.585).
  - 9). **Factors affecting efficacy and immunological response of peste des petits ruminants (PPR) vaccines in small ruminants.**  
J. Anim. Plant. Sci. (IF: 0.585).
  - 10). **Clinico-therapeutical trials of lactic acidosis in small ruminants.**  
J. Anim. Plant. Sci. (IF: 0.585).
  - 11). **Use of probiotics in broiler feed at starter feed.**  
Sarhad J. Agric. Vol.25, No.3, 2009.
  - 12). **Nutritional importance of exogenous enzymes in broiler ration at finisher phase.**  
Sarhad J. Agric. Vol.25, No.3, 2009
- II. Abstract published**
- a) **Comparative studies on sedative and physiological effects of xylazine, detomidine and medetomidine in goats.**  
Pakistan Agricultural Database.Publisher, SAUT. P-108.
  - b) **Publication of booklet for undergraduate level Students DVM**
    - i). Laboratory Manual for Comparative Anatomy (2010)
    - ii). Large/Regional Surgery Manual (2012)

**Experience:**

- **Teaching experience**
  - Veterinary Anatomy

- Radiology Shoeing and Soundness
- Regional/Large animal Surgery
- Diagnostic Imaging, in the Dept. of Animal Health

**Short Training:**

- Dairy Farming
- Diagnostic Endoscopy
- Placement of Irrigation System in the Eye of Horse
- Placement of canola in the reproductive tract of mare for emptying the urinary bladder
- Castration in Horse in standing position
- Inter medullar pinning in femur of dog
- Soft Tissue and Orthopedics Surgery
- Clinical Semen Collection of Equines
- Small Scale Buffalo Meat Industry

These above courses were launched by DR. IH. Kathio, Surgeon and owner of Pittston **Animal Hospital** 40' CONNELL ST. (Off Broad Street) PITTSTON' PA 18640; Phone 570-655-2412.

**Languages:** English, Chinese, Sindhi, Urdu and Pashto.

**Technical Skills:**

- Expert in Safety measurement procedures of x-rays machine and dark room procedure.
- Expert in operating gaseous anesthetics machine especially in dog anesthesia
- Clinical expertise in intravenous induction of anesthetic in sheep, goat, horse, dog, cat etc.
- Working as Ultrasound Specialist in Veterinary Teaching Hospital Deptt. of Animal Health, the University of Agricultural Peshawar, 25120, Pakistan
- Sound experience in soft tissues surgical procedures
- Clinical experience in treatment of various bacterial, viral, fungal and protozoal diseases of domestic mammals.

**Interests:** Research work, Internet browsing, Books study, riding, football, etc.

**References:** Prof. Dr. Muhammad Subhan Qureshi, Dean,  
Faculty of Animal Husbandry and Veterinary Sciences,

The University of Agricultural Peshawar-25120, Pakistan.

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