

Research Publications

- 1) Mushtaq, M., S. Naz, S. Khan, S. Rahman and **R.U. Khan**. 2013. In vivo effect of *Berberis lyceum* and *Silybum marianum* on production performance and immune status in broiler chicks. *Archiv Tierzucht* (In press). doi: 10.7482/0003-9438-56-091 IF: 0.464
- 2) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2013. Serum antioxidants and trace minerals as influenced by vitamins, protein and probiotics in male broiler breeders. *Journal of Applied Animal Research*, (Accepted)
- 3) **Khan, R.U.** and S. Naz. 2013. Application of probiotics in poultry production. *World's Poultry Science Journal*, 69:621-632.
- 4) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2013. Effect of vitamins, protein level and probiotics on immune response of molted male broiler breeders. *Journal of Animal Physiology and Animal Nutrition*, (In press, DOI: 10.1111/jpn.12087) Impact factor 0.855.
- 5) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2013. Supplementation of vitamins, probiotics and proteins on oxidative stress, enzymes and hormones in post-molted male broiler breeder. *Archiv Tierzucht* (In press; doi: 10.7482/0003-9438-56-061) IF: 0.464
- 6) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2013. Supplementation of dietary vitamins, protein and probiotics on semen traits and immunohistochemical study of pituitary hormones in zinc-induced molted broiler breeders. *Acta Histochemica*, In press, dx.doi.org/10.1016/j.acthis.2013.02.006, Impact factor 1.829
- 7) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2013. Effect of vitamins, probiotics and protein level on semen traits and seminal plasma biochemical parameters of post-molt male broiler breeders. *British Poultry Science*, 54(1):120-129. Impact factor 1.005
- 8) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2012. Effect of vitamins, probiotics and protein on semen traits in post-molt male broiler breeders. *Animal Reproduction Science*, 135(1-4):85-90. Impact factor 1.75
- 9) **Khan, R.U.**, Z.U. Rahman, I. Javed and F. Muhammad. 2012. Effects of vitamins, probiotics and protein level on semen traits and some seminal plasma macro and micro minerals of male broiler breeders after zinc-induced molting. *Biological Trace Element Research*, 148: 44-52. Impact factor 1.923
- 10) **Khan, R.U.**, Z. Nikosefat, V. Tufarelli, S. Naz, M. Javdani and V. Laudadio. 2012. Garlic (*Allium sativa*) supplementation in poultry diet: effect on production and physiology. *World's Poultry Science Journal*, 68 (3): 417-424. Impact factor, 1.476
- 11) **Khan, R.U.**, S. Naz, Z. Nikousefat, M. Selvaggi, V. Laudadio and V. Tufarelli. 2012. Effect of ascorbic acid in heat-stressed poultry. *World's Poultry Science Journal*, 68 (3): 477-490.
- 12) V. Laudadio, A. Dambrosio, G. Normanno, **R.U. Khan**, S. Naz, E. Rowghani, V. Tufarelli. 2012. Effect of reducing dietary protein level on performance responses and some microbiological aspects of broiler chickens under summer environmental conditions. *Avian Biology Research*, 5(2):88-92. Impact factor, 0.44
- 13) **Khan, R.U.**, S. Naz, V. Tufarelli and V. Laudadio. 2012. Role of chromium in poultry nutrition. *World's Poultry Science Journal*, (Accepted) 2010 Impact factor, 1.476

- 14) **Khan, R.U.**, S. Naz, V. Tufarelli and V. Laudadio. 2012. Effect of chromium in heat-stressed poultry. *World's Poultry Science Journal* (Accepted) Impact factor, 1.476
- 15) **Khan, R.U.**, S. Naz, Z. Nikousefat, V. Tufarelli and V. Laudadio. 2012. *Thymus vulgaris*: alternative to antibiotics in poultry feed. *World's Poultry Science Journal*, 68 (3):401-408.
- 16) **Khan, R.U.**, S. Naz, V. Tufarelli and V. Laudadio. 2012. Potential applications of ginger (*Zingiber officinale*) in poultry diet. *World's Poultry Science Journal*, 68 (2): 245-252. Impact factor, 1.476
- 17) Tufarelli, V., **R.U. Khan**, D. Mazzei and V. Laudadio. 2012. Performance and carcass measurements of ewe lambs reared in a feedlot and fed wheat (*Triticum durum* Desf.) middling total mixed rations in the summer season. *Tropical Animal Health and Production*, 44:779-784. 2010 Impact factor, 1.003
- 18) **Khan, R.U.**, V. Laudadio and Tufarelli, V. 2012. Semen traits and seminal plasma biochemical parameters in White Leghorn layer breeders. *Reproduction in Domestic Animals*, 37:190-195. 2010 Impact factor, 1.606
- 19) Tufarelli V., Naz S., **Khan R.U.**, Mazzei D., Introna M., Laudadio V. 2012. Milk quality, manufacturing properties and blood biochemical profile from dairy cows fed peas (*Pisum sativum* L.) as dietary protein supplement. *Archiv Tierzucht*, 55(2): 132-139. Impact factor 0.416
- 20) Tufarelli, V., **R.U. Khan**, Domenico Mazzei and V. Laudadio. 2012. Performance and carcass measurements of ewe lambs reared in a feedlot and fed wheat (*Triticum durum* Desf.) middling total mixed rations in the summer season. *Tropical Animal Health and Production*, 44:779-784. Impact factor, 1.003
- 21) Laudadio, V., L. Passantino, A. Perillo, G. Lopresti, A. Passantino, **R.U. Khan** and V. Tufarelli. 2012. Productive performance and histological features of intestinal mucosa of broiler chickens fed different dietary protein levels. *Poultry Science*, 91(1):265-270. 2010 Impact factor, 1.582
- 22) Tufarelli, V., **R.U. Khan** and V. Laudadio. 2012. Evaluating the suitability of field beans as a substitute for soybean meal in early-lactating dairy cows: production and metabolic responses. *Animal Science Journal*, 83:136-140. Impact factor, 0.855
- 23) **Khan, R.U.**, Z.U. Rahman, Z. Nikousefat, M. Javdani, V. Laudadio and V. Tufarelli. 2012. Vitamin E: Pharmaceutical role in avian male fecundity. *World's Poultry Science Journal*, 68(1): 63-70. Impact factor, 1.476
- 24) **Khan, R.U.**, Z.U. Rahman, Z. Nikousefat, M. Javdani, V. Tufarelli, C. Dario, M. Selvaggi, and V. Laudadio. 2012. Immunomodulating effects of vitamin E in broilers. *World's Poultry Science Journal*, 68(1): 31-40. Impact factor, 1.476
- 25) **Khan, R.U.**, S. Naz, M. Javadani, Z. Nikousefat, M. Selvaggi, V. Tufarelli and V. Laudadio. 2012. The use of turmeric (*Curcuma longa*) in poultry diets. *World's Poultry Science Journal*, 68 (1):97-103. Impact factor, 1.476
- 26) Tufarelli, V., **R.U. Khan** and V. Laudadio. 2011. Feeding of wheat middlings in lamb total mixed rations: effects on growth performance and carcass traits. *Animal Feed Science and Technology*, 17(1): 130-135. Impact factor, 1.72
- 27) Tufarelli, V., **R.U. Khan** and V. Laudadio. 2011. Effect on milking performance of vitamin-trace element supplements to early lactation Italian brown cows grazing ryegrass (*Lolium Multiflorum*) pasture. *Asian-Australian Journal of Animal Science*, 24(9):1227-1232. Impact factor, 0.487

- 28) Tufarelli, V., **R.U. Khan** and V. Laudadio. 2011. Vitamin and trace element supplementation in grazing dairy ewe during the dry season: effect on milk yield, composition and clotting aptitude. *Tropical Animal Health and Production*, 43 (5): 955-960. Impact factor, 1.003
- 29) **Khan, R.U.**, Z. Nikousefat, M. Javadani, V. Tufarelli and V. Laudadio. 2011. Zinc-induced molting: production and physiology. *World's Poultry Science Journal*, 67:497-506. Impact factor, 1.476
- 30) **Khan, R.U.**, S. Naz, Z. Nikousefat, V. Tufarelli, M. Javadani, N. Rana and V. Laudadio. 2011. Effect of vitamin E in heat-stressed poultry. *World's Poultry Science Journal*, 67(3):469-478. Impact factor, 1.476
- 31) **Khan, R.U.** 2011. Antioxidants and poultry semen quality. *World' Poultry Science Journal*, 67(2): 297-308. Impact factor, 1.476
- 32) **Khan, R.U.**, F.R. Durrani and N. Chand. 2010. Influence of feed supplementation with *Cannabis sativa* on quality of broilers carcass. *Pakistan Veterinary Journal*, 30(1): 34-38. Impact factor, 0.707
- 33) Javed, M.T., F.A. Farooqi and **R.U. Khan**. 2009. Epidemiological Basis of Bovine Tuberculosis in Buffaloes. *Pakistan Journal of Zoology*, (Suppl. Ser., No.9) Pp: 417-420. Impact factor, 0.2
- 34) Tufarelli, V., **R.U. Khan** and V. Laudadio. 2011. Feed intake in Guinea fowl, layer hen and pheasant as influenced by particle size of pelleted diets. *International Journal of Poultry Science*, 10(3): 238-240.
- 35) Ali, Z., G. Muhammad, T. Ahmad, **R.U. Khan**, S. Naz, F.A. Farooqi, M. N. Manzoor and A.R. Usama. 2010. Prevalence of caprine sub-clinical mastitis, its etiological agents and their sensitivity to antibiotics in indigenous breeds of Kohat, Pakistan. *Pakistan Journal of Life and Social Sciences*, (HEC Recognized in Y category) 8(1): 63-67.
- 36) Khan, F.U., F.R. Durrani, A. Sultan, **R.U. Khan** and S. Naz. 2009. Effect of Fenugreek (*Trigenella Feonum-Gracum*) seed extract on visceral organs of broiler chicks. *ARPJ Journal of Agricultural and Biological Sciences*, 4: 58-60.
- 37) Javed, M., F.R. Durrani, Abdul Hafeez, **R.U. Khan** and I. Ahmad. 2009. Effect of aqueous extract of plant mixture on carcass quality of broiler chicks. *ARPJ Journal of Agricultural and Biological Sciences*, 4:37-40.
- 38) Zahoor, A., M.N. Manzoor, A.R. Usama, A. Ahmad, S. Rehman and **R.U. Khan**. 2011. Epidemiology, electrolytes balance and treatment strategy of equine anhidrosis. *Research Opinions in Animal & Veterinary Sciences*, 1:4-7.
- 39) Rehman, S., F.R Durrani, N. Chand, **R.U. Khan** and F. Rehman. 2011. Comparative efficacy of different schedules of administration of medicinal plants infusion on hematology and serum biochemistry of broiler chicks. *Research Opinions in Animal & Veterinary Sciences*, 1:8-14.
- 40) Rehman, Z.U., S. Khan, N. Chand, K. Khan, **R.U. Khan**, M. Arshad, A.U. Akhtar and A.J. Tanveer. 2013. Association of water based infusion of allium sativum and withania somnifera with serum lipid profile of broiler chicks. *Sarhad Journal of Agriculture*, 29(2): 249-254
- 41) **Khan, R.U.**, F.R. Durrani, N. Chand, S. Naz, F.A. Farooqi and M.N. Manzoor. 2009. Effect of Cannabis sativa fortified feed on muscle growth and visceral organs in broiler chicks. *International Journal of Biology and Biotechnology*, 6:179-182.

Abstracts Published in National and International Proceedings/Conferences

- 1) Zia-ur-Rahman and **Rifat Ullah Khan**. 2012. Effect of probiotics, proteins and vitamins on seminal plasma minerals of male broiler breeders after zinc induced molting. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, Alexandria, 26-29 March. Abstract No. 10283
- 2) Zia-ur-Rahman and **Rifat Ullah Khan**. 2012. Effect of probiotics, proteins and vitamins on semen traits in male broiler breeders. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, Alexandria, 26-29 March. Abstract No. 10284
- 3) **Rifat Ullah Khan**. 2012. *Thymus vulgaris*: alternative to antibiotics in poultry feed. 3rd Mediterranean Poultry Summit and 6th International Poultry Conference, Alexandria, 26-29 March. Abstract No. 10058
- 4) Naz, Shabana, Shahnaz Akhtar Rana, Naureen Rana and **Rifat Ullah Khan**. 2011. Effect of feeding brodifacoum and food energy inhibitor on heart and liver enzymes of house rats (*Rattus rattus*). 31st Pakistan Congress of Zoology (International). Azad Jamu and Kashmir Univeristy, 21-23 April
- 5) Naz, Shabana, Shahnaz Akhtar Rana, Naureen Rana and **Rifat Ullah Khan**. 2011. Seasonal effects on the measurement dynamics of different body part or organs of house rats (*Rattus rattus*) in Faisalabad, Pakistan. 31st Pakistan Congress of Zoology (International). Azad Jamu and Kashmir Univeristy, 21-23 April
- 6) Zia-ur-Rahman, Shaukat Ali Shaukat, Abdul Majeed Cheema, **Rifat Ullah Khan** and Mansur Abdullah. 2009. Immunohistochemistry of adenohipophysis in lactating and non lactating camels (*Camelus dromedarius*). 35th All Pakistan Science Conference. Karachi University Journal of Science 37: 1 & 2.
- 7) Zia-ur-Rahman, Nuzhat Sharif, Naheed Abbas, Asma Lodhi, **Rifat Ullah Khan** and Haseeb Anwar. 2009. Effect of ginger (*Zingiber officinale*) fortified feed on metabolic profiles, minerals and thyroid hormones in albino rats. 19th All Pakistan Food Science Conference. PCSIR Laboratories Complex, Lahore, Pakistan.
- 8) Zia-ur-Rahman, Mahwish Naseer, Naheed Abbas, Asma Lodhi, Haseeb Anwar and **Rifat Ullah Khan**. 2009. Effect of green onion fortified feed on the physiochemical, enzymes, hormones and mineral profile of the albino rats. 19th All Pakistan Food Science Conference. PCSIR Laboratories Complex, Lahore, Pakistan.
- 9) Muhammad Tariq Javed, Farooq Ahmad Farooqi and **Rifat Ullah Khan**. 2009. Incidence of bovine tuberculosis and its effect on haematological profile in dairy buffaloes. 6th Asian Buffalo Conference, Lahore, Pakistan. 27-30 October. Page No: 70.
- 10) Zia-ur-Rahman; Haseeb Anwar; Anwar-ul-Haq Anwar; Abdul Malik and **Rifat Ullah Khan**. 2009. Dynamics of cystic fluid, serum biochemical, amino acid and mineral profile in *Echinococcus granulosus* affected camels. The second conference of the international Society of Camelid Research and Development. Djerba, Tunisia: 11th -14th March. Abstract No: 25.
- 11) Mureed Abbas, Zia-ur-Rahman, Haseeb Anwar, Abdul Malik, Muhammad Ajmal Jalvi and **Rifat Ullah Khan**. 2009. Relationship study of mineral status with reference to soil, water, serum, urine and faeces at different physiological stages in camels (*camelus dromedarius*). The second conference of the international Society of Camelid Research and Development. Djerba, Tunisia: 11th -14th March. Abstract No: 138.
- 12) Zia-ur-Rahman, **Rifat Ullah Khan**, Abdul Malik, Muhammad Ajmal Jalvi, Haseeb

- Anwar and Mureed Abaas. 2009. Biomarkers of health and minerals status in pregnant camels (*Camelus dromedarius*). The second conference of the international Society of Camelid Research and Development. Djerba, Tunisia: 11th -14th March. Abstract No: 146.
- 13) **Rifat Ullah Khan**, F.R. Durrani, Niela Chand, S. M. Suhail, Zia-ur-Rahman and Hasib Anwar. 2009. Effect of feed added *Cannabis sativa* on the growth performance of broiler chicks. 5th World's Poultry Conference, Tabba, Egypt: 10-13 March. Abstract No: 20.
 - 14) Muhammad Javed, **Rifat Ullah Khan**, Fazil-Raziq Durrani, Abdul Hafiz, Zia-ur-Rahman and Hasib Anwar. 2009. Impact of aqueous extract of mixture of locally available plants on growth performance of broiler chicks. 5th World's Poultry Science Conference, Tabba, Egypt 10-13 March. Abstract No. 34.
 - 15) Rahman ZU, Khaliq T, Hassan IJ, Ijaz A, Malik A, **Ullah R.** (2008) Plasma haematochemical profile of recombinant bST injected Nilli Ravi buffalos. WCAP-2008. Abstract No. 5268.
 - 16) Zia-ur-Rahman, Ayesha Bibi, Nighat Bhatti, Naheed Abbas, **Rifat Ullah Khan** & Hasbeeb Anwar. 2008. Metabolic, minerals and thyroid hormones profile in normal and hemophilic patients. 18th National Chemistry Conference, Lahore, Pakistan. 25-27th February. Page No. 76.
 - 17) Zia-ur-Rahman, Rahat Amin, Nighat Bhatti, Naheed Abbas, **Rifat Ullah Khan** & Hasbeeb Anwar. 2008. Metabolic, minerals and thyroid hormones profile of young male rats fed marijuana. 18th National Chemistry Conference, Lahore, Pakistan. 25-27th February. Page No. 105.
 - 18) Zia-ur-Rahman, Rahat Amin, Nighat Bhatti, Naheed Abbas & **Rifat Ullah Khan**. 2008. Plasma Biochemical Profile of Burned Human Patients. 18th National Chemistry Conference, Lahore, Pakistan. 25-27th February. Page No. 106.
 - 19) Zia-ur-Rahman, Rahat Amin, Nighat Bhatti, Naheed Abbas & **Rifat Ullah Khan**. 2008. Metabolic, minerals and thyroid hormones profile of young rats fed opium. 18th National Chemistry Conference, Lahore, Pakistan. 25-27th February. Page No. 107.

Books published

- 1) **Khan, R.U.**, S. Naz and V. Tufarelli. 2012. Hemp seeds and broiler performance. LAP Lambert Academic Publishing, Germany. (ISBN 978-3-659-11926-2)
- 2) Naz, S., S. A. Rana, and **R. U. Khan**. 2012. Biodiversity of House and Soft Furred Field Rats. LAMBERT Academic Publishing, Germany.