Print ISSN: 2249-6629 Online ISSN: 2277-940X

## **Contents**

## **Journal of Animal Research**

Vol. 7, No. 5, October 2017

Amelioration of Thermal Stress using Modified Roof in Dairy Animals under Tropics: A Review	801
Upendra Singh Narwaria, Mukesh Singh, Kuldeep Kumar Verma and Panch Kishor Bharti	
Genetic Polymorphism Study in Prolactin Receptor ( <i>PRLR</i> ) Gene and their Association with Milk Production Traits in Indian Cattle Breeds	813
Gaurav Parihar, Deepak Sharma, Satyendra Pal Singh, Madhu Tiwari, Rakesh Goel, Sanjeev Kumar Singh and Vijay Pandey	
Effect of Ascorbic Acid on mRNA Expression of HSP70 Gene in WLH Egg Type Growers  During Heat Stress	821
Aditya Mishra, Pragati Patel, H.S. Singh and R.P.S. Baghel	
Effect of Supplementation of Area Specific Mineral Mixture on Serum Mineral Status of Cattle in Different Agro-climatic Zones of Chhattisgarh State	827
Vinay Kumar Pandey, M.K. Gendley, S.P. Tiwari and Sonali Prusty	
Comparison of Three Immunological Assays to Detect Infectious Bovine Rhinotracheitis (IBR) Antibodies in Buffaloes	837
M. Saravanajayam, K. Kumanan, A. Balasubramaniam and K.M. Palanivel	
Impact analysis of Feeding Fermented Karonda ( <i>Carissa carandas</i> ) Whey Beverage on Growth Performance and Haematological Parameters of Albino Rats	841
Pushkraj J. Sawant, Dinesh C. Rai, Vinod K. Paswan and Dilip Kumar	
Determination of Prevalence and In-vitro Pathogenicity of <i>Listeria monocytogenes</i> in Sheep and Goats Reared by Nomads of Jammu Region of J&K	849
Sobiya Hilal, Mohd. Rashid and Moien Javaid	

Clinico-haematological Profile and Therapeutic Management of Acute Babesiosis in Sheep and Goats	857
N.A. Tufani, H.U. Malik and M.R. Fazili	
<i>In Vitro</i> Nutrient Digestibility and Methane Production Potential of Concentrate Mixtures containing Graded Levels of <i>Phalaris minor</i> Seeds	865
Jasmine Kaur and Sudarshan Singh Thakur	
Hepatotoxic Effect of Bisphenol A in Rats, an Immunohistochemical and Ultrastructural Study	871
P. Amaravathi, Ch. Srilatha, V. Ramadevi, D. Sreenivasulu, P. Eswara Prasad and K. Sujatha	
Influence of Mastitis Type on Reproductive Performance of Karan Fries Cows During Early Lactation  Arpita Mohapatra and Manju Ashutosh	879
Outbreaks of Anaplasmosis in Dairy Cattle in Punjab, India	885
Mandeep Singh Bal, Vishal Mahajan, Gursimarn Filia, C.K. Singh, Paramjit Kaur and Shukriti Sharma	
Effect of Shed Designing on Physiological Responses and Semen Quality of Crossbred Bulls during Various Seasons	891
Ajayvir Singh Sirohi, Naimi Chand, Shrikant Tyagi, Suresh Kumar, Ankur Sharma and Chander Pal Singh	
Study on Host Predisposing Factors and Diagnostic Tests for Canine Parvovirus (CPV-2) Infection in Dogs	897
Shailee M. Pandya, Kishan K. Sharma, Irsadullakhan H. Kalyani and Pramod S. Sakhare	
Effect of Black Pepper and Jaggery Supplementation with or without Feed Restriction on Broilers Performance	903
Navjot Singh Sidhu, Udeybir Singh, A.P.S. Sethi, J.S. Hundal, J.S. Lamba and Amit Sharma	
Effect of Breed, Coccidial Dosage and their Interaction on Body Weight Gain and Oocyst Outputs against Eimeria tenella Infection in Two Broiler Strain of Chicken	913
Mohan Singh Thakur and Amit Kumar Jha	
Dairy Animal Welfare during Transportation in Punjab: A KAP Study	919
Neha Joshi, Jaswinder Singh, Shakti Kant Dash and S.K. Kansal	

Comparative Prevalence and Molecular Characterization of Group A Rotavirus in Cow Calves of Punjab, India	927
Gurlal Singh Gill, Simranpreet Kaur, Padam Nath Dwivedi and Jatinder Paul Singh Gill	
Fish Catch Composition and Biodiversity Indices at Harike Wetland- A Ramsar Site in India	935
Harmanpreet Kaur, Surjya Narayan Datta and Ajeet Singh	
Effect of Dietary and Litter Amendment on Litter Quality and Broiler Performance during Rainy Season	943
Ankush Proch, D.S. Malik, Amit Sharma, Kulvinder Singh, A.P.S. Sethi, Paviter Kaur and Yashpal Singh	
Comparative Therapeutic Efficacy of Different Drugs Against Caprine Contagious Agalactia	951
Amita Tiwari, P.C. Shukla, D.K. Gupta and R.P.S. Baghel	
Perception of Member Dairy Farmers about Animal Health Care Services and Input Facilities Provided By Milkfed	957
Simranjit, Simrinder Singh Sodhi, Jaswinder Singh, Neeraj Kashyap, S.K. Kansal and H.K. Verma	
Quality Characteristics of Functional Spent Hen Meat Nuggets Incorporated with Amla ( <i>Emblica officinalis</i> ) Fruit Juice Powder	965
Kanika Mahajan, M.K. Chatli, Nitin Mehta, Rajesh V. Wagh, O.P. Malav and Pavan Kumar	
Anti-nociceptive Efficacy of Carprofen and Meloxicam in Ovario-hysterectomized Dogs	973
A.K. Khajuria, M.S. Bhadwal and A.K. Gupta	
SHORT COMMUNICATION	
Evaluation of Myocardial Damage in Dogs with Heat Stroke	979
Jagdish Varshney	
News	