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

## **Contents**

## Journal of Animal Research

Vol. 12, No. 03, June 2022

Correlation Measures among Reproductive and Milk Production Traits in Crossbred Dairy Cows at Holetta Dairy Research Farm, Ethiopia: Multitrait Analysis	315
Kefale Getahun, Nibo Beneberu and Zenebech Lemma	
Occurrence of Multidrug Resistant Coagulase negative <i>Staphylococcus</i> spp in Canine pyoderma, and Their Comparative Phenotype and Molecular Characterization	323
Naveena Antony, Lakshmi Kavitha Kommalapati, Vinod Kumar Nagaram and Jagadeesh Babu Angalakuditi	
Detection of HA Stalk Specific Antibodies in Chicken Serum Immunized with Different Subtypes of Inactivated Avian Influenza Viruses	331
Sivasankar Panickan, Sandeep Bhatia, Nisha Bhandari, Shanmuga Sundaram Nagarajan, Semmannan Kalaiyarasu, Richa Sood, Atul Kumar Pateriya and Meghna Tripathi	
The Effects of Enzyme Complex on Performance and Nutrient Digestibility of Weaned Pigs in North Eastern Region of Tripura	337
Tapan Kumar Das, Jowel Debnath, Sandip Chakraborty and Bikas Chandra Debnath	
Cost Effective Screening and Characterization of <i>Staphylococcus aureus</i> and Methicillin-Resistant <i>Staphylococcus aureus</i> from Bovine Mastitis in India	343
Chandrahas Sannat, S.D. Hirpurkar, Sanjay Shakya, Tripti Jain, S.M. Tripathi, Choodamani Chandrakar, Anil Patyal, Nidhi Rawat and Amit Kumar Gupta	
Effect of Dietary Protein, Fibre and Lipotropic Factor on the Management of Canine Obesity	351
Abinaya, Pasupathi Karu, R. Karunakaran and Cecilia Joseph	
Effect of Improved Nutrition and Improved Shelter on Pre and Post Weaning Growth Performance of Magra Lambs in Two Lambing Seasons under Arid Zone	355
T. Bothra, A.K. Patel, Vijay Kumar, H.K. Narula, D. Jain and Umesh Kumar Prajapat	

Anatomical Studies on the Reticulum and Reticular Groove of Non-Descript Goats of Jammu Region	363
Jasvinder Singh Sasan, Shalini Suri and Kamal Sarma	
In Vitro Evaluation of Antimicrobial Activity of Chitosan Against Mycobacterium smegmatis MTCC 994  Vimal Kumar, Harsh Sharma, Amit Kumar Singh and Shweta Sharma	371
Effect of Supplementation of Mineral Mixtures on Haematological and Serum Mineral Profile in Beetal Kids	377
Ritu, V.S. Panwar, B.S. Tewatia, Jyotsana and Anjali Arya	
Long-Term Operation of Brick-Kilns Led Heavy Metal Contamination of Soil-Plant-Animal Continuum in Kashmir Himalayas	381
A.M. Bhat, S. Bashir, J.A. Sofi, G.I. Hassan, F.J. Wani, G.N. Sheikh and A.A. Dar	
Application of Platelet Rich Plasma (PRP) with $\beta$ -Tricalcium Phosphate ( $\beta$ -TCP) and Demineralized Bone Matrix (DBM) in Healing of Bone Tissues in Rabbits	389
Suman Kalita, Parsha Jyoti Nath, Chandan Kr Singh, Nikhil Ch Nath and Biswajit Dutta	
Histological and Histochemical Studies on Uterus of Adult Bakerwali Goat in Different Phases of Estrous Cycle	401
Rabab Saleem, Shalini Suri and Khan Idrees Mohd	
Histological and Histochemical Studies on the Stomach of Guinea Pig ( <i>Cavia porcellus</i> )  K. Raja, S. Ushakumary, S. Rajathi, Geetha Ramesh and S. Ramesh	407
Chemical Composition, Phenolic Fractions, Protein Fractions and <i>In Vitro</i> True Dry Matter Digestibility of Fodder Top Foliages of District Poonch of Jammu and Kashmir	415
Imran Ahmad Ganai, R.K. Sharma, A.K. Pathak, Nazam Khan and Ankur Rastogi	
Quality Evaluation of Low Fat Chicken Sausages Fortified with Dietary Fibre  Parma Ram Gorachiya, Basant Bais, Vikas Pathak, Meena Goswami and Basant	421

Quality Evaluation of Chicken Sausages treated with Betle and Spinach Leaves Extract under	
Aerobic Packaging Condition Stored at 4±1°C	429
Rushikesh A. Kantale, Rajesh V. Wagh, Manish K. Chatli and O.P. Malav	
Association Between Virulence Genes and Serogroups of <i>Escherichia coli</i> Isolates from Calves	439
M. Srivani, Y. Narasimha Reddy, K.V. Subramanyam and M. Lakshman	
Epidemiological Pattern of Neonatal Calf Diarrhea and a Randomized On-Field Trial to	
Evaluate Effectiveness of Zinc	447
I.A. Bhat, Q.U. Ain, S. Bashir, T. Nazir, G.N. Sheikh, A.A. Khan and A.A. Dar	