

# Contents

## Journal of Animal Research

Vol. 8, No.3, June 2018

---

Serological Prevalence of Abortifacient Agents in Female <i>Mijaheem</i> Camels ( <i>Camelus dromedarius</i> ) in Saudi Arabia	335
<i>I. Al Khalifa, M.A. Alshaikh, R.S. Aljumaah, A. Jarelnabi and Mansour F. Hussein</i>	
Haematological Changes Caused by Coccidiosis in Experimentally Infected Broiler Chickens	345
<i>Samrawit Melkamu, Mersha Chanie and Mulat Asrat</i>	
Maternal Behavior of Najdi ewes Under Intensive Conditions	353
<i>Mohammed A. Alshaikh, Riyadh S. Aljumaah, Moez Ayadi, Mansour M. Al-Friji, Ahmed A. Alhidary, Raafat Mohammed and Gerardo Caja</i>	
Studies on Pathogenicity of Chicken Infectious Anaemia Virus Isolated From a Poultry Flock of Chhattisgarh, India	361
<i>Narayani and R.C. Ghosh</i>	
Molecular Detection Based Epidemiology of Canine Parvovirus and Canine Coronavirus Infection in Diarrheic Dogs in Haryana	367
<i>Divya Agnihotri, Yudhvir Singh, Kanisht Batra, V. K. Jain, Aman Kumar, Tarun Kumar and Sushila Maan</i>	
Alpha-S1 Casein Gene Polymorphism and Association with Milk Production Traits in Sahiwal and Holstein Frisian Crossbred Cattle	375
<i>Akhilesh Pandey and Mohan Singh Thakur</i>	
Lipid Distribution Variations in Different Stages of Cyclic Corpus Luteum of Indian Buffalo	379
<i>Kritima Kapoor, Opinder Singh and Devendra Pathak</i>	
Virulence and Antibigram Study of <i>Escherichia coli</i> Isolated from Faecal Sample of Buffalo	387
<i>Raghavendra Prasad Mishra, Udit Jain, Janardan K Yadav, Barkha Sharma, Saraswati Ojha and Mohd Saif</i>	

Molecular Studies on Bovine Benign Theileriosis ( <i>Theileria orientalis</i> ) in Cattle of Puducherry Region	393
<i>Devadevi, N., Rajkumar, K., Vijayalakshmi, P. and Venkatesa Perumal, S.</i>	
Effect of Beta-Xylanase and Cysteine Protease Enzymes in Diets on Performance of Kadaknath Birds	399
<i>Sandeep Gupta and M.K. Mehta</i>	
Biochemical and Oxidative Alterations Induced by Acute Amikacin Toxicity in Albino Wistar Rats	407
<i>Azhar Shuaib Battoo, Kafil Hussain, Rajiv Singh, Mudasir Sultana, Neelesh Sharma, Burhan Nabi, Afaq Amin Najar and Sunil Chaudhary</i>	
Isolation and Molecular Characterization of <i>C. perfringens</i> from Meat Samples	411
<i>Shakuntala Birla, R.V. Singh, Bhavana Gupta, Kashikar Supriya Satish, A.P. Singh and Kajal Kumar Jadav</i>	
Fertility Response using Timed Insemination Protocols in Sub-oestrus Buffaloes	417
<i>Abhishek Bisen, Satya Nidhi Shukla, Manish Kumar Shukla and Aditya Mishra</i>	
Prevalence and Antimicrobial Susceptibility of <i>Staphylococcus aureus</i> Isolated from Retail Chicken Meat in Chennai, India	423
<i>Wilfred Ruban, S. R. Narendra Babu, Robinson J.J. Abraham, T.M.A. Senthilkumar, P. Kumaraswamy, K. Porteen and Govind Vemala</i>	
Growth and Mortality Patterns in Uttara fowl	429
<i>Vasim Akram Ansari, Anil Kumar, Aashaq Hussain Dar, Brijesh Singh, Shive Kumar and S.K. Singh</i>	
An Exercise into Sex Fixing of Progenies in Dairy Animals and Calculating the Impact Factor of Such a Drug Discovery with Reference to Indian Conditions	435
<i>B.S. Aulakh</i>	
Preparation and Evaluation of Immune Complexes as Vaccine Candidate for Fowl Adenovirus Infection associated with Hydropericardium Syndrome in Domestic Fowl	441
<i>Bhaskar, R., Rajesh Kumar, Raj Narayan Trivedi and M.K. Saxena</i>	
Genetic Structure and Differentiation of Different Strains of Nellore Sheep	449
<i>B. Punya Kumari, S. Vani, K. Harini, J.K. Sheela Manjari, M. Mohan Kishore and J. Surekha</i>	

Histo-enzymatic Characterization of Small Intestine of Neonatal Piglets	455
<i>Arup Kalita, Kabita Sarma, M. Talukdar, P.C. Kalita, P.J. Doley and O.P. Choudhary</i>	
Quantitative Estimation of Urea Adulteration in Raw Milk of Rajasthan	459
<i>Sanjita Sharma and Manisha Mathur</i>	
Association of Different Genetic Variants of Alpha S2-Casein Gene (CSN1S2) with Milk Production Traits in Cattle	463
<i>Akhilesh Pandey and Mohan Singh Thakur</i>	
Housing and Health Care Management Practices of Dairy Farmers in Urban and Peri-urban areas of Telangana	467
<i>Rajasekhar Mulgu, Rajanna Neeradi and Mahender Mallam</i>	
Assessment of Losses in Sheep and Goat During Pre-Slaughter Transportation	473
<i>Vignesh, P., Narendra Babu, R., Robinson J.J. Abraham, Tensingh Gnanaraj, Govind, V. and Appa Rao, V.</i>	
Epidemiological Studies on Calf Diarrhea in Jammu Region	481
<i>Abha Tikoo, Jaswinder Singh Soodan and Gagandeep Singh</i>	
Quality and Sensory Attributes of Noni Incorporated Low Fat Low Sodium Functional Chevron Patties	487
<i>Narendra Nayak and Vikas Pathak</i>	
Pathology of Caseous Lymphadenitis in Slaughtered Goats Associated Infection with <i>Corynebacterium Pseudotuberculosis</i>	497
<i>Rahul Singh, Rajendra Singh, Bhupesh Kamdi, Swati Kamari, Shailendra Singh, Shivvaran Singh, Pranav Chauhan and Susil Kumar</i>	
Effect of Different Levels of Concentrate Mixture Feeding on Milk Composition in Sirohi Goats	501
<i>Vinod Bhateshwar, Mahesh Datt, Ganesh Ram Jat and Shankar Lal Fogya</i>	
Functional Characterization of Corpus Luteum and its Association with Peripheral Progesterone Profile at Different Stages of Estrous Cycle in the Buffalo	507
<i>Girish K. Mishra, Manas K. Patra, Parvez A. Sheikh, Aamir S. Teeli, Nitish S. Kharayat, M. Karikalan, Sadhan Bag, Sanjay K. Singh, Goutam K. Das, Krishnaswamy Narayanan and Harendra Kumar</i>	

A Review on Equine Sarcoid: Current Techniques Employed in Sciences for Diagnosis, Prevention and Control	513
---	-----

*Samrawit Melkamu, Mersha Chanie and Mulat Asrat*

Timed Artificial Insemination Methods involving Ovulation of Second Follicular Wave <i>vis-à-vis</i> Extension in Growth of Dominant Follicle- New Alternatives to Enhance Fertility in Buffalo ( <i>Bubalus bubalis</i> )	521
--	-----

*Bilal Ahmad Ganaie, Shahbaz Singh Dhindsa, Dinesh Dadarwal and M. Honparkhe*

Expression Profile of Acetyl-CoA Carboxylase A (ACACA) Gene in Layer Chicken during Juvenile Stage	525
--	-----

*Athe Rajendra Prasad, T.K. Bhattacharya, Pushpendra Kumar, N. Govardhana Sagar, Bharat Bhushan, P. Guru Vishnu and Divya Devara*

Sero-prevalence of Brucellosis in Small Ruminants and Human in Chhattisgarh	531
---	-----

*Pankaj Sai, Sanjay Shakya, Choodamani Chandrakar and S.L. Ali*

Prevalence of Bovine Ruminal Acidosis in and Around Jammu and its Impact on Haemato-biochemical Profile	537
---	-----

*Dalip Singh, S.K. Gupta, Neelesh Sharma and Arvind Kumar*

## SHORT COMMUNICATION

Patho-morphological Based Diagnosis of Peste Des Petits Ruminants (PPR) in Goats	545
--	-----

*Rahul Singh, Rajendra Singh, Shivvaran Singh, B. Kamdi, Swati Kumari, Rohit Singh, Pranav Chauhan and Absar Husain*