

THE HARYANA VETERINARIAN

Vol. 62(2)

(Abbreviation: Haryana Vet.)

December, 2023

CONTENTS

Pages

A. Research Articles

| | |
|---|--------|
| Detection of antimicrobial resistance among the probiotic bacteria of dietary supplements used in livestock and poultry Prabhu, M., Malmargan, S., Ramya, K., Ponnusamy, P., Arthanari Eswaran, M. and Thangavelu, A. | 1-5 |
| Influence of cortisol level on ovarian follicular activity in postpartum Sahiwal cows during hot-humid season Ram, S., Awasthi, M.K., Khan, J.R., Parveen, K. and Singh, N. | 6-9 |
| Isolation and characterization of <i>Listeria monocytogenes</i> from foods of animal origin Megha, G.K., Singhal, M., Rawool, D.B., Malik, S.V.S. and Barbuddhe, S.B. | 10-13 |
| Comparing and correlating ultrasound features of udder, teats and supramammary lymphnodes in healthy and mastitic cross bred dairy cows Sharma, P., Bhardwaj, K., Kumar, A. and Thakur, R. | 14-19 |
| Evaluation of doxapram for faster recovery behaviour and haemato-biochemical parameters following ketofol anaesthesia in dogs Sachin, Saharan, S., Poonia, A., Tiwari, D.K., Kumar, S., Yadav, D., Kumar, A. and Manikant | 20-23 |
| Molecular detection of bacteria associated with the subclinical mastitis in cattle and their antibiogram Singathia, R., Sharma, D.K., Sain, A., Rathore, K., Purohit, K., Sharma, S.K. and Joshi, M. | 24-28 |
| Resource use efficiency of livestock-based farming systems: A comparative study between saline and normal areas of West Bengal Das, A., Raju, R. and Patnaik, N.M. | 29-34 |
| Comparative evaluation of surgical management of long bone fracture with interlocking nailing alone and along with -tricalcium phosphate in dogs Manikant, Saharan, S., Kumar, A., Poonia, A., Tiwari, D.K. and Sharma, M. | 35-40 |
| Locking "T" plate for the repair of distal radius fractures in dogs Abhiram G., Mahesh, V., Nagaraja, B.N., Suresh, L., Suchitra B.R. and Chetan Kumar, B.K. | 41-44 |
| Molecular detection of rotaviruses in human and animals in western Maharashtra Bhosle, P., Suryawanshi, R., Awandkar, S., Gaikwad, N., Kulkarni, M., Shinde, O. and Jogdand, A. | 45-49 |
| Constraints faced by the veterinarians and dairy farmers regarding livestock development schemes (LDS) Kumar, P., Gautam, Jaiswal, U.K., Anika, Kumar, R. and Rachna | 50-54 |
| Effect of age and phase of estrous cycle on biometric parameters of Marwari goat genitalia Pooja, Kumar, P., Shekhawat, P.D., Kumawat, B.L. and Kumar, M. | 55-59 |
| Comparative evaluation of propofol and etomidate as induction agent in buffaloes Kumar, A., Kumar, S., Chaudhary, R.N., Niwas, R. and Sahil | 60-62 |
| Ameliorative effect of brahmi on haematological parameters in sub-acute cadmium induced toxicity in wistar rats Chaudhary, V., Sharma, M., Jangir, B.L., Lather, D. and Nehra, V. | 63-67 |
| Predicting udder health in Gir cows using milk components: An ROC approach Patbandha, T.K., Choravada, D.R., Singh, V.K., Parikh, S.S. and Garg, D. | 68-71 |
| Technological effect of dried apple pulp powder on the quality characteristics of functional pork sausages Jandyal, M., Malav, O.P., Wagh, R.V. and Mehta, N. | 72-77 |
| Effect of hormonal therapy and blood constituents in repeat breeder dairy cows Lakde, C.K., Sahatpure, S.K., Patil, A.D., Upadhye, S.V. and Gawande, A.P. | 78-83 |
| Study of the interaction between aflatoxin B1 and fosfomycin using molecular docking and <i>in vitro</i> cell culture system Jagadeesh, T., Parthiban, M., Raja, P. and Sarathchandra, G. | 84-92 |
| Haematological and chemotherapeutic evaluation in bubaline trypanosomosis Shirale, S.Y., Bharkad, G.P. and Meshram, P.V. | 93-97 |
| Comparative evaluation of bone lesions by computed tomography and radiography in dogs Singh, S., Palecha, S. and Bishnoi, P. | 98-103 |

| | |
|--|---------|
| Evaluation of stainless-steel positive profile end threaded intramedullary pins for management of long bone fractures in dogs Ram, J., Parashar, M.C., Singh, S., Mali, M.M. and Agrawal, M. | 104-107 |
| Studies on certain physical characteristics and sperm abnormalities of Surti buck semen during different seasons and semen ejaculation frequencies Bhoi, D.B., Suthar, D.N., Chaudhari, N.F. and Raval, J.K. | 108-112 |
| Estimation of estimated breeding values for production and fertility performance traits in Murrah buffaloes Sharma, S., Dhaka, S.S. and Patil, C.S. | 113-117 |
| Study on production profile, dissemination pattern and economic impact of Hardhenu synthetic cattle Dhaka, S.S., Magotra, A., Bangar, Y.C., Patil, C.S., Chitra, A., Malik, Z.S. and Mahajan, S. | 118-121 |
| High resolution liquid chromatography- mass spectrometry analysis (Q-TOF-MS) and free radical scavenging activity of extract of <i>Azadirachta indica</i> leaves Borkar, S.D., Roy, M., Jadhao, S.G., Gade, N.E., Dutta, G.K., Hirpurkar, S.D. and Mishra, O.P. | 122-128 |
| Correlations of mitochondrial membrane potential and oxidative stress levels with post-thaw semen quality in bulls Pande, M., Ghosh, S.K., Tyagi, S., Srivastava, N., Sirohi, A.S., Chand, N., Sarika, Katiyar, R., Kumar, A., Kumar, S. and Mahajan, S. | 129-132 |
| Risk factors associated with osteoarthritis in geriatric dogs Bhavitha, D., Ambica, G., Lakshmi, K. and Chandra Shekar, E.L. | 133-136 |

B. Short Communication

| | |
|---|---------|
| Gross and histo-architectural studies on the nervous tunic of the eyeball of Murrah buffalo Adhikary, J., Das, P. and Ranjan, R. | 137-139 |
| Histo- architectural changes in the jejunum of guinea pig in postnatal age groups Raja, K., Ushakumary, S., Rajathi, S., Ramesh, G., Ramesh, S., Kumar, K. and Hemavathi, N. | 140-142 |
| Evaluation of productive performance of high yielding Murrah buffaloes under field conditions and its validation under organized farm conditions Verma, D., Shinde, K.P., Dahiya, N.S. and Gupta, S.K. | 143-145 |

C. Clinical Articles

| | |
|--|---------|
| A rare case of unilateral Bartholin's gland cyst in a Jersey cow Kumar, A., Prasad, J.K. and Kumar, A. | 146-147 |
| An unusual case of uterine torsion and its management by laparohysterotomy in a Kathiawari mare Murugan, M., Senthil Kumar, K., Ezakial Napoleon, R., Gopikrishnan, D., Selvaraju, M., Ravikumar, K., Palanisamy, M. and Dharmaceelan, S. | 148-149 |
| A novel approach for management of paraphimosis in a Bullykutta dog Palanisamy, M., Selvaraju, M., Manokaran, S., Gopikrishnan, D., Ganesan, A. and Periyannan, M. | 150-151 |
| Successful management of fetal dystocia due to dog sitting posture with nape presentation in a Jenny Ruthrakumar, R., Sathriyan, G., Gopikrishnan, D., Ganesan, A., Selvaraju, M. and Senthil Kumar, K. | 152-153 |
| Comparison of intra-abdominal lesions using ultrasonography and laparoscopy - A clinical study Kirpekar, K., Fiske, G.A., Akhare, S.B., Dhoot, V.M., Raghuwanshi, D.S. and Fani, F. | 154-156 |
| Hormonal management of follicular cyst in a she dog Sharma, J., Sharma, P., Kumar, H., Negi, V., Sharma, A., Kumar, P. and Sood, P. | 157-158 |
| Concurrent infection of feline infectious peritonitis and feline leukemia virus in a male cat Revathy, T., Nagarajan, K., Hemalatha, S., Rajamanickam Senthil, N., Sudhakar Rao, G.V., Vijayakumar, H., Dhivya, S. and Swarnakumari, C. | 159-163 |