

# Turkish Journal of Veterinary & Animal Sciences

---

Volume 44 | Number 1

Article 22

---

1-1-2020

## Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/veterinary>

---

### Recommended Citation

(2020) "Cover and Contents," *Turkish Journal of Veterinary & Animal Sciences*: Vol. 44: No. 1, Article 22.  
Available at: <https://journals.tubitak.gov.tr/veterinary/vol44/iss1/22>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Veterinary & Animal Sciences by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact [academic.publications@tubitak.gov.tr](mailto:academic.publications@tubitak.gov.tr).

VOLUME | ISSUE | YEAR  
44 | 1 | 2020  
ISSN 1300-0128 • E-ISSN 1303-6181

TURKISH JOURNAL OF  
**VETERINARY  
& ANIMAL  
SCIENCES**

<http://journals.tubitak.gov.tr/veterinary/>



Published by the Scientific and  
Technological Research Council of Turkey

**TÜBİTAK**

# TURKISH JOURNAL OF VETERINARY AND ANIMAL SCIENCES

**Editor-in-Chief**

Mehmet BAŞALAN, Kırıkkale University, Turkey

**Assistant Editor-in-Chief**

Nuh KILIÇ, Aydın Adnan Menderes University, Turkey

Betül Zehra SARIÇİÇEK Ankara University, Turkey

**VOLUME 44 • ISSUE 1 • 2020**

ISSN 1300-0128 • E-ISSN 1303-6181

## SCOPE OF JOURNAL

- The Turkish Journal of Veterinary and Animal Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- Accepts English-language manuscripts on all aspects of veterinary medicine and animal sciences.
- Contribution is open to researchers of all nationalities.
- Original research articles, review articles, short communications, case reports, and letters to the editor are welcome.
- Manuscripts related to economically important large and small farm animals, poultry, equine species, aquatic species, and bees, as well as companion animals such as dogs, cats, and cage birds, are particularly welcome.
- Contributions related to laboratory animals are only accepted for publication with the understanding that the subject is crucial for veterinary medicine and animal science.
- Manuscripts written on the subjects of basic sciences and clinical sciences related to veterinary medicine, nutrition, and nutritional diseases, as well as the breeding and husbandry of the above-mentioned animals and the hygiene and technology of food of animal origin, have priority for publication in the journal.
- A manuscript suggesting that animals have been subjected to adverse, stressful, or harsh conditions or treatment will not be processed for publication unless it has been approved by an institutional animal care committee or the equivalent thereof.
- The editor and the peer reviewers reserve the right to reject papers on ethical grounds when, in their opinion, the severity of experimental procedures to which animals are subjected is not justified by the scientific value or originality of the information being sought by the author(s).

## SCOPE OF JOURNAL

- Ahmet ÜNVER, Çanakkale Onsekiz Mart University, Turkey
- Armağan HAYIRLI, Atatürk University, Turkey
- Asım KART, Mehmet Akif Ersoy University, Turkey
- Attila Karsi, Mississippi State University, U.S.A.
- Bożena OBMINSKA-MRUKOWICZ, Wrocław University of Environmental and Life Sciences, Poland
- Ercan KURAR, Necmettin Erbakan University, Turkey
- Fredric N. OWENS, Pioneer HiBred Int Inc, U.S.A.
- Haja KADARMIDEEN, University of Copenhagen, Denmark
- Hasan ÖZEN, Kafkas University, Turkey
- Huitao FAN, Purdue University, U.S.A.
- İbrahim DEMİRKAN, Afyon Kocatepe University, Turkey
- İbrahim KÜRTÜL, Karabük University, Turkey
- Kadir KIZILKAYA, Adnan Menderes University, Turkey
- Krzysztof LUTNICKI, University of Life Sciences in Lublin, Poland
- Margarita TERENTJEVA, Latvia University of Agriculture, Latvia
- Mehmet AKBULUT, Selçuk University, Turkey
- Mehmet ÇALICIOĞLU, Fırat University, Turkey
- Mehmet KURAN, Ondokuz Mayıs University, Turkey
- Mehmet Ulaş ÇINAR, Erciyes University, Turkey
- Michel DUCLOS, INRA UR83 Recherches Avicoles, France
- Murat YILDIRIM, Kırıkkale University, Turkey
- Mustafa ARICAN, Selçuk University, Turkey
- Mustafa SAATCI, Muğla Sıtkı Koçman University, Turkey
- Necmettin ÜNAL, Ankara University, Turkey
- Nuri ALTUĞ, Namık Kemal University, Turkey
- Roberto DAVOLI, University of Bologna, Italy
- Sedat YILDIZ, İnönü University, Turkey
- Sema BİRLER, İstanbul University, Turkey
- Siyami KARAHAN, Kırıkkale University, Turkey
- Şükrü Metin PANCARCI, Balıkesir University, Turkey
- Zafer SOYGÜDER, Yüzüncü Yıl University, Turkey

## ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- Scopus
- Academic Search Complete

# CONTENTS

Structural and functional changes in corpus luteum of single- and/or double-ovulated pregnant and nonpregnant ewes during the spring and autumn seasons .....	1
<b>Javad HABIBIZAD, Hamed KARAMI, Mustafa DOLATABADY, Gaffari TURK</b>	
Functional and whole regression-based genome-wide association analyses for weight measurements of chicken eggs .....	9
<b>BURAK KARACAÖREN</b>	
The effects of thyme oil and black cumin oil in broiler feeding on growth performance, intestinal histomorphology, and cecal volatile fatty acids .....	17
<b>Özlem Durna AYDIN, Gültekin YILDIZ</b>	
Seasonal variations in histomorphology and histochemistry of the prostate gland of buffalo bulls .....	26
<b>Samikshya SARANGI, Anuradha GUPTA, Neelam BANSAL, Varinder UPPAL</b>	
The determination of meat species by PCR-RFLP method using mitochondrial ND4 gene in pastırma, a traditional dry cured meat product.....	35
<b>Serhat AL, Harun HIZLISOY, Nurhan ERTAŞ ONMAZ, Fulden KARADAL, Candan GÜNGÖR, Yeliz YILDIRIM, Zafer GÖNÜLALAN</b>	
The effect of milk urea level on fertility parameters in Holstein–Friesian dairy cows.....	42
<b>Kamil SIATKA, Anna SAWA, Mariusz BOGUCKI, Sylwia KRĘŻEL-CZOPEK</b>	
Herbal feed additives containing tannins: impact on in vitro fermentation and methane mitigation from total mixed ration.....	47
<b>Manju WADHWA, Prabh Kaur SIDHU, Mohinder Pal Singh BAKSHI</b>	
The determination of antimicrobial and antibiofilm activities of foodborne lactic acid bacteria against <i>Enterobacter cloacae</i> isolates .....	59
<b>Beytullah KENAR, Mine ERİK, Sevim Feyza ERDOĞMUŞ, Safiye Elif KORCAN, Zahide KÖSE, Gül DURMAZ</b>	
Genotyping results of <i>Salmonella</i> Infantis as a food poisoning agent in Turkey between 2013 and 2017 .....	69
<b>Sibel KIZIL</b>	
In vivo biocompatibility and fracture healing of hydroxyapatite-hexagonal boron nitride-chitosan-collagen biocomposite coating in rats.....	76
<b>Mehmet Zeki Yılmaz DEVECİ, Ramazan GÖNENCİ, İbrahim CANPOLAT, Özgür KANAT</b>	
<i>Pistacia atlantica</i> gum aqueous extract modulates humoral and cellular immune responses in BALB/c mice .....	89
<b>Hadi ESMAEILI GOUVARCHIN GHALEH, Zaynab SHAKARAMI GANDABEH, Bahman MANSOURI MOTLAGH, Ali SHEIKHIAN</b>	
Stress response related to ultrasonographic examination in dogs.....	96
<b>Çenker Çağrı CINGI, Abdurrahman Fatih FİDAN, Durmuş Fatih BAŞER, Mehmet UÇAR, Zülfükar Kadir SARITAŞ</b>	
The impacts of laurel ( <i>Laurus nobilis</i> ) and basil ( <i>Ocimum basilicum</i> ) essential oils on oxidative stability and freshness of sous-vide sea bass fillets.....	101
<b>Burcu ÖZTÜRK KERİMOĞLU, Hülya Serpil KAVUŞAN, Meltem SERDAROĞLU</b>	
Impact of the individual characteristics of French trotters on their racing performance .....	110
<b>Wanda GÓRNIAK, Ewa WALKOWICZ, Maria SOROKO, Mariusz KORCZYŃSKI</b>	
Identification of microbiological, physical, and chemical quality of milk from milk collection centers in Kastamonu Province.....	118
<b>Dilek ÖZDEMİR, Deren TAHMAS KAHYAOĞLU</b>	

---

The clinical outcome of three procedures for extraarticular stabilization of cranial cruciate ligament injuries in dogs ....	131
<b>Cornel IGNA, Roxana DASCĂLU, Daniel BUMB, Bogdan SICOE, Cristian ZAHA, Larisa SCHÜSZLER</b>	
Antibody detection against Akabane (AKA) and Bluetongue (BT) viruses in Algerian dromedary camels.....	142
<b>Radhwane SAIDI, Firat DOĞAN, Veysel Soydal ATASEVEN, Yaşar ERGÜN</b>	
Genotypic diversity of <i>Salmonella</i> ser. Gallinarum strains isolated from 2012 to 2016 in Brazil.....	146
<b>Diogo Luiz GADOTTI, Priscila Belleza MACIEL, Raquel REBELATTO, Sabrina Castilho DUARTE, Diogenes DEZEN</b>	
Oocyte recovery and in vitro embryo production in cows treated with a single dose of follicle-stimulating hormone.....	151
<b>Thiago Marquez FERNANDES, Paulo Roberto ADONA, Samuel GUEMRA, Tiago Henrique Camara DE BEM, Moysés dos Santos MIRANDA</b>	
Effect of sesamin on protection of equine articular cartilage degradation in vitro .....	156
<b>Siriporn PEANSUKMANEE, Siriwan TANGYUENYONG, Siriwan ONGCHAI</b>	
Cerebral metastasis of transmissible venereal tumor after effective chemotherapy in a dog.....	162
<b>Gabriela SILVA-HIDALGO, Silvia del Carmen COTA-GUAJARDO, Margarita del Socorro DÁVILA-PAREDES, Nora María CÁRCAMO-ARÉCHIGA, Martin LÓPEZ-VALENZUELA</b>	

---