

## Doç. Dr. MEHMET EKİCİ

### Kişisel Bilgiler

E-posta: mehmetekici@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/mehmetekici>

### Uluslararası Araştırmacı ID'leri

ScholarID: T4ym2BMAAAAJ

ORCID: 0000-0002-2163-6214

Publons / Web Of Science ResearcherID: H-4998-2018

ScopusID: 57191693142

Yoksis Araştırmacı ID: 57327

### Eğitim Bilgileri

Doktora, Aydın Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü, Türkiye 2014 - 2019

Lisans, Selçuk Üniversitesi, Veteriner Fakültesi, Türkiye 2007 - 2013

### Yaptığı Tezler

Doktora, Sıçanlarda Paklitaksel ile Oluşturulan Nöropati Modelinde Oksitosin ve Progesteronun Etkileri, Aydın Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü, 2019

### Araştırma Alanları

Veteriner Bilimleri, Veteriner Fizyoloji, Sağlık Bilimleri

### Akademik Unvanlar / Görevler

Doç. Dr., Sivas Cumhuriyet Üniversitesi, Veteriner Fakültesi, Temel Bilimler Bölümü, 2024 - Devam Ediyor

### Akademik İdari Deneyim

DeneySEL ve Klinik Araştırma Merkezi Müdür Yardımcısı, Sivas Cumhuriyet Üniversitesi, Veteriner Fakültesi, Temel Bilimler Bölümü, 2023 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Mastitis in Sheep - Procalcitonin Level as a Biomarker for Early Diagnosis**  
Akkuş T., Yaprakci Ö., Mogulkoç M. N., Ekici M., Demirtas A. C., Ates H.  
ACTA SCIENTIAE VETERINARIAE, cilt.52, ss.1970, 2024 (SCI-Expanded)
- Immunohistochemical expression of MMP-2 and MMP-9 in the brain tissue of sheep naturally infected with Listeria monocytogenes and relationship with cell death in the Listerial encephalitis**

Karayigit M. Ö., Halgür M., Ekici M.

REVISTA CIENTÍFICA. FACULTAD DE CIENCIAS VETERINARIAS. LUZ, cilt.XXXIV, sa.3, ss.34454, 2024 (SCI-Expanded)

- III. **Sinaptic acid reduces pentylenetetrazol induced seizures in rats**  
Ekici M., Güneş H., Gezer A.  
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, cilt.62, sa.06, ss.379-392, 2024 (SCI-Expanded)
- IV. **Effect of dexpanthenol on cyclophosphamide-induced ovarian toxicity: a histological and molecular study in rats**  
Ekici M., Ateş M. B., Baş-Ekici H., Özgür A.  
REPRODUCTIVE BIOMEDICINE ONLINE, cilt.48, sa.5, ss.103778, 2024 (SCI-Expanded)
- V. **Effects of dietary fermented mealworm larvae and stocking density on performance, blood stress indicator and intestine parameters of broilers**  
Sarica S., Yavuz M., Sanli E., Kati A., Altuntas S., Alatas M., EKİCİ M., Yazarel S., Keskintas A.  
Journal of the Hellenic Veterinary Medical Society, cilt.75, sa.3, ss.7887-7902, 2024 (SCI-Expanded)
- VI. **Carvacrol Mitigates Bleomycin-Induced Experimental Pulmonary Fibrosis**  
Turgut N. H., Güngör H., Ekici M., Karayığit M. Ö., Kara H.  
JOURNAL OF EVOLUTIONARY BIOCHEMISTRY AND PHYSIOLOGY, cilt.59, sa.5, ss.1577-1593, 2023 (SCI-Expanded)
- VII. **Kaempferol and Isorhamnetin alleviate Lipopolysaccharide-Induced Anxiety and Depression-Like Behavioral in Balb/C Mice: Flavonoids may reverse emotional disorders**  
Ekici M., Gungor H., Mert D. G.  
JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, cilt.74, sa.2, ss.5753-5764, 2023 (SCI-Expanded)
- VIII. **The influence of sex and age on bone turnover markers in the adult to geriatric Kangal shepherd dogs**  
Ekici M., Koçkaya M., Baş-Ekici H.  
VETERINARY CLINICAL PATHOLOGY, cilt.52, sa.2, ss.353-359, 2023 (SCI-Expanded)
- IX. **Investigation of changes in serum thiols and neutrophil-to-lymphocyte ratio, monocyte-to-lymphocyte ratio, platelet-to-lymphocyte ratio, and mean platelet volume/platelet count ratio indices in cats undergoing ovariohysterectomy**  
Akkuş T., Ekici M.  
REVISTA CIENTÍFICA. FACULTAD DE CIENCIAS VETERINARIAS. LUZ, cilt.XXXIII, sa.1, ss.1-9, 2023 (SCI-Expanded)
- X. **Protective effect of Allium scorodoprasum L. ethanolic extract in cyclophosphamide-induced hepatotoxicity model in rats**  
Gungor H., Ekici M., Karatas Ö., Dik B.  
The Journal of pharmacy and pharmacology, cilt.75, sa.5, ss.625-634, 2023 (SCI-Expanded)
- XI. **Determination of Serum Trace Elements and Oxidative Stress in Bitches with Transmissible Venereal Tumor**  
Akkuş T., Ekici M.  
INDIAN JOURNAL OF ANIMAL RESEARCH, cilt.57, sa.8, ss.1073-1078, 2023 (SCI-Expanded)
- XII. **Relationship of Oxidative Stress and Some Blood Parameters with Quarters Affected by Mastitis in Dairy Cows**  
Akkuş T., Dinçer P. P., Ekici M., Yerlikaya Z.  
INDIAN JOURNAL OF ANIMAL RESEARCH, cilt.57, sa.3, ss.353-359, 2023 (SCI-Expanded)
- XIII. **Lipid-lowering, anti-inflammatory, and hepatoprotective effects of isorhamnetin on acetaminophen-induced hepatotoxicity in mice**  
Gungor H., Ekici M., Ates M. B.  
DRUG AND CHEMICAL TOXICOLOGY, cilt.46, sa.3, ss.566-574, 2023 (SCI-Expanded)
- XIV. **Cardioprotective Effect of Empagliflozin in Rats with Isoproterenol-Induced Myocardial Infarction: Evaluation of Lipid Profile, Oxidative Stress, Inflammation, DNA Damage, and Apoptosis**  
Ekici M., Güngör H., Karayığit M. Ö., Turgut N. H., Koçkaya M., Karataş Ö., Üner A. G.  
BIOLOGY BULLETIN, cilt.49, sa.1, ss.159-172, 2022 (SCI-Expanded)
- XV. **ANTI-INFLAMMATORY AND ANTIOXIDANT EFFECT OF ALLIUM SCORODOPRASUM L. ETHANOLIC**

## **EXTRACT (ASE) IN MICE**

EKİCİ M., GÜNGÖR H., DEMİR T., Ateş M., KUMRU A. S.

Journal of Animal and Plant Sciences, cilt.32, sa.5, ss.1229-1238, 2022 (SCI-Expanded)

- XVI. **Reply to Letter to the Editor: "Can ARNI Prevent Doxorubicin-Induced Cardiotoxicity?"**  
Dindaş F., GÜNGÖR H., EKİCİ M., Akokay P., Erhan F., Doğduş M., YILMAZ M. B.  
Anatolian journal of cardiology, cilt.26, sa.4, ss.344, 2022 (SCI-Expanded)
- XVII. **Boldine provides protective effect against nephrotoxicity induced by cisplatin in Wistar rats: Role of oxidative stress, inflammation and caspase-3**  
Turgut N. H., GÜNGÖR H., EKİCİ M., Erdogan M. A., KARAYİĞİT M. Ö., KARA H.  
Biocell, cilt.46, sa.6, 2022 (SCI-Expanded)
- XVIII. **Angiotensin receptor-nepriylisin inhibition by sacubitril/valsartan attenuates doxorubicin-induced cardiotoxicity in a pretreatment mice model by interfering with oxidative stress, inflammation, and Caspase 3 apoptotic pathway**  
Dindaş F., Güngör H., Ekici M., Akokay P., Erhan F., Doğduş M., Yılmaz M. B.  
ANATOLIAN JOURNAL OF CARDIOLOGY, cilt.25, sa.11, ss.821-828, 2021 (SCI-Expanded)
- XIX. **Protective effects of oxytocin and progesterone on paclitaxel-induced neuropathy in rats**  
EKİCİ M., Balkaya M.  
NEUROLOGICAL SCIENCES AND NEUROPHYSIOLOGY, cilt.38, sa.4, ss.262-270, 2021 (SCI-Expanded)
- XX. **Investigation of the Effects of Glutens on Serum Interleukin-1 Beta and Tumor Necrosis Factor-Alpha Levels and the Immunohistochemical Distribution of CD3 and CD8 Receptors in the Small Intestine in Male Rats**  
GÜMÜŞ R., Uslu S., AYDOĞDU U., Imik A., EKİCİ M.  
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, cilt.64, 2021 (SCI-Expanded)
- XXI. **Zingerone ameliorates oxidative stress and inflammation in bleomycin-induced pulmonary fibrosis: modulation of the expression of TGF-beta 1 and iNOS**  
Gungor H., Ekici M., Onder K., Turgut N., Kara H., Arslanbas E.  
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, cilt.393, sa.9, ss.1659-1670, 2020 (SCI-Expanded)
- XXII. **The effects of exhaustive swimming and probiotic administration in trained rats: Oxidative balance of selected organs, colon morphology, and contractility**  
Ünsal C., Ünsal H., Ekici M., Koç Yildirim E., Üner A., YILDIZ M., Güleş Ö., Ekren Aşıcı G., Boyacioglu M., Balkaya M., et al.  
Physiology International, cilt.105, sa.4, ss.347-357, 2018 (SCI-Expanded)
- XXIII. **Mice with diet-induced obesity demonstrate a relative prothrombotic factor profile and a thicker aorta with reduced ex-vivo function**  
ÜNER A. G., ÜNSAL C., ÜNSAL H., Erdogan M. A., Koc E., Ekici M., AVCI H., BALKAYA M., BELGE F., Tarin L.  
Blood Coagulation and Fibrinolysis, cilt.29, sa.3, ss.257-266, 2018 (SCI-Expanded)
- XXIV. **The effects of swimming exercise and probiotic vsl#3 on zonulin and some inflammatory and oxidative parameters in rats Ratlarda Yüzdürme Egzersizi ve Probiyotik VSL#3'ün Zonulin İle Bazı Yangısal ve Oksidatif Değişkenlere Etkileri**  
Ünsal H., Ünsal C., Üner A. G., Koç Yildirim E., Ekici M., Balkaya M., Belge F.  
Kafkas Üniversitesi Veteriner Fakültesi Dergisi, cilt.23, sa.1, ss.101-107, 2017 (SCI-Expanded)
- XXV. **The Effects of Probiotic VSL#3, on Zonulin and Some Inflammatory and Oxidative Parameters in Rats Subjected to Moderate and Intensive Swimming Exercises**  
Unsal H., Unsal C., Uner A. G., Yildirim E. K., Ekici M., Balkaya M., Belge F.  
ACTA PHYSIOLOGICA, cilt.218, ss.44, 2016 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. Electrocardiographic Evaluation the Effect of Thiamine Hydrochloride on Triton X-100 Induced Hyperlipidemia in Rats**

ÖZDEMİR M. T., EKİCİ M.

Eurasian Journal of Veterinary Sciences, cilt.40, sa.3, ss.115-122, 2024 (Hakemli Dergi)

- II. **The Effect of Vitamin and Mineral Supplementation in Different Forms on Placenta and Birth Weight and Reproductive Performance in Kangal Sheep**  
TAKCI A., EKİCİ M., KIVRAK M. B.  
Van Veterinary Journal, cilt.2, sa.34, ss.168-173, 2023 (Hakemli Dergi)
- III. **The Effect of Resveratrol on Live Weight, Serum Biochemistry and Tissue Antioxidant Enzymes in Rats**  
Özbilgin A., Gümüş R., Ekici M., Ercan N.  
Journal of advances in vetbio science and techniques, cilt.8, sa.2, ss.1-5, 2023 (Hakemli Dergi)
- IV. **Electrocardiographic Evaluation of Acute Restraint and Cold Restraint Stress Response in Rats**  
KOÇ Ç., EKİCİ M.  
Turkish Veterinary Journal, cilt.5, sa.1, ss.8-12, 2023 (Hakemli Dergi)
- V. **The Effects of Restraint and Cold Restraint Stress on Coagulation Indicators in Wistar Albino Rats**  
KOÇ Ç., EKİCİ M.  
Kocatepe Veterinary Journal, cilt.16, sa.2, ss.160-165, 2023 (Hakemli Dergi)
- VI. **Investigation of Serum and Saliva CK, AST and LDH Levels in Herd Guards and Shelter Kangal Shepherd Dogs**  
KOÇKAYA M., EKİCİ M.  
Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, 2022 (Hakemli Dergi)
- VII. **Comparison of some hematological and serum biochemical variables in Kangal Akkaraman, Texel and Île De France ewes in lactation period within Sivas province**  
EKİCİ M., TAKCI A., KIVRAK M. B.  
Eurasian Journal of Veterinary Sciences, cilt.37, sa.4, ss.296-302, 2021 (Hakemli Dergi)
- VIII. **Beyin-Bağırsak-Mikrobiyota Ekseni: Genel Bakış**  
EKİCİ M., BAŞ-EKİCİ H.  
Bozok Veterinary Sciences, cilt.2, sa.1, ss.16-22, 2021 (Hakemli Dergi)
- IX. **The Effect of Maternal-Pup Separation on Maternal Systolic and Diastolic Blood Pressure in Sprague Dawley Rats**  
EKİCİ M.  
Dicle Üniversitesi Veteriner Fakültesi Dergisi, cilt.14, ss.31-34, 2021 (Hakemli Dergi)
- X. **The Effect of Swimming Training on Adrenomedullin mRNA Levels in the Aorta, Kidney, and Adrenal Gland of L-NAME-induced Hypertensive Rats**  
KOÇ YILDIRIM E., ÖRENLİLİ YAYLAGÜL E., KAYA M., BALKAYA M., ÜLGER C., BELGE F., ÜNSAL H., ÜNSAL C., EKİCİ M., Dedeoğlu Z., et al.  
Harran Üniversitesi Veteriner Fakültesi Dergisi, cilt.10, ss.94-99, 2021 (Hakemli Dergi)
- XI. **The Effect of Age and Gender on Some Hematological Parameters and Erythrocyte Osmotic Fragility in Kangal Shepherd Dogs**  
KOÇKAYA M., EKİCİ M., Genç E., Çelikgün S., BAŞ-EKİCİ H.  
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, cilt.16, ss.298-305, 2021 (Scopus)
- XII. **The effect of acute strenuous exercise on some physiological, blood and antioxidant system parameters in Kangal shepherd dogs with and without ankyloglossia**  
KOÇKAYA M., EKİCİ M.  
Mehmet Akif Ersoy Üniversitesi Veteriner Fakültesi Dergisi, cilt.5, sa.3, ss.100-105, 2020 (Hakemli Dergi)
- XIII. **Effects of topical thymoquinone in an experimental dry eye model**  
Kocatürk T., Erkan E., Meteoglu İ., Ekici M., Büyüköztürk A. K., Yavaşoğlu İ., Çakmak H., Dayanır V., Balkaya M.  
Turkish Journal of Ophthalmology, cilt.48, sa.6, ss.281-287, 2018 (ESCI)
- XIV. **Erken Yaşam Stresi ve Etkileri: Maternal Separasyon**  
EKİCİ M., BALKAYA M.  
Animal Health Prod and Hyg, cilt.5, sa.2, ss.454-466, 2016 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

### I. KÖPEKLERDE TÜKÜRÜK İLİŞKİLİ STRES BELİRTEÇLERİ

EKİCİ M.

Güncel-Pratik Veteriner Hekim El Kitabı-II, Barış Atalay USLU, Onur BAŞBUĞ, İbrahim YURDAKUL, Editör, Cumhuriyet Üniversitesi Yayınları, Sivas, ss.83-94, 2023

### II. Dişi Üreme Sisteminde Nörotrofinlerin Rolü

EKİCİ M., AKKUŞ T., Baş H.

Sağlık Bilimlerinde Güncel Araştırmalar, Demir Halit, Nizami Duran, Editör, IVPE, ss.686-709, 2020

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

### I. BIOCHEMICAL INVESTIGATION OF THE PROTECTIVE EFFECTS OF DEXPANTHENOL ON 5-FLUOROURACIL-INDUCED NEPHROTOXICITY AND HEPATOTOXICITY IN RATS

TAŞTEMUR Ş., EKİCİ M., ÖZKARACA M., ATASEVEN H.

4th INTERNATIONAL CANCER DAYS, Sivas, Türkiye, 28 - 30 Eylül 2023

### II. INVESTIGATION OF THE EFFECT OF RUTIN IN A MODEL OF BLEOMYCIN-INDUCED LUNG FIBROSIS IN RATS

TURGUT N. H., GÜNGÖR H., EKİCİ M., KARAYİĞİT M. Ö., KARA H.

International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Türkiye, 4 - 06 Mayıs 2023

### III. DETERMINATION OF SOME WHOLE BLOOD COUNT INDICES (NLR, MLR, PLR, AND MPV/PLT) IN DOGS WITH ENTERITIS: APRELIMINARY STUDY

EKİCİ M.

2ND INTERNATIONAL ACHARAKA MEDICINE, NURSING, AND HEALTH SCIENCES CONGRESS, İzmir, Türkiye, 03 Aralık 2022

### IV. Investigation Of Some Hematological And Biochemical Changes In Cats Diagnosed With Acute Renal Failure

EKİCİ M.

III.INTERNATIONAL SIIRT CONFERENCE ON SCIENTIFIC RESEARCH, Siirt, Türkiye, 18 Kasım 2022

### V. The possible protective effect of Punica granatum (pomegranate) peel extract on cadmium-induced acute oral toxicity in mice

GÜNGÖR H., EKİCİ M.

INTERNATIONAL CONGRESS OF MEDICINE AND HEALTH SCIENCES (INCOMES 2021), Türkiye, 26 Nisan 2021

### VI. The Possible Protective Effect of Punica Granatum (Pomegranate) Peel Extract Against Acute Cadmium Toxicity in Mice

GÜNGÖR H., EKİCİ M.

INTERNATIONAL CONGRESS OF MEDICINE AND HEALTH SCIENCES (INCOMES), Türkiye, 26 Nisan 2021

### VII. Sıçanlarda Bleomisin ile İndüklenen Akciğer Fibrozisi Modelinde Zingeronun Etkisinin Araştırılması

GÜNGÖR H., EKİCİ M., KARAYİĞİT M. Ö., TURGUT N. H., KARA H., ARSLANBAŞ E.

TÜRK FARMAKOLOJİ DERNEĞİ 25. ULUSAL FARMAKOLOJİ KONGRESİ, Türkiye, 4 - 07 Kasım 2019

### VIII. Effects of Pretreatment of Zingerone On Mda, Proinflammatory Cytokines and Hydroxyproline Levels in Rat Pulmonary Fibrosis Model

GÜNGÖR H., EKİCİ M.

2nd International Medicine and Health Sciences Researches Congress(UTSAK), 1 - 03 Kasım 2019

### IX. Investigation of the Protective Effect of Chitosan Oligosaccharide in the Model of Cisplatin-induced Nephrotoxicity in Mice

EKİCİ M., GÜNGÖR H.

Mediterranean Veterinary Congress 7th REEV-Med General Assembly, 13 - 14 Aralık 2018

### X. İhlımlı ve Yoğun Yüzme Egzersizi Uygulanan Sıçanlarda Probiyotik VSL 3 Kullanımının Zonulin ile Bazı

## **Yangısal ve Oksidatif Deęiřkenlere Etkisi**

ÜNSAL H., ÜNSAL C., ÜNER A. G., KOÇ E., EKİCİ M., BALKAYA M., BELGE F.

TFBD 42. Ulusal Fizyoloji Kongresi, Düzce, Türkiye, 5 - 08 Eylül 2016

### **Metrikler**

Yayın: 51

Atıf (WoS): 31

Atıf (Scopus): 99

H-İndeks (WoS): 3

H-İndeks (Scopus): 6