

## **Prof. MUSTAFA ÖZKARACA**

### **Personal Information**

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### **International Researcher IDs**

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**Yoksis Researcher ID:** 125156

### **Education Information**

**Doctorate,** Firat University, Institute Of Health Sciences, Turkey 2008 - 2013  
**Undergraduate,** Firat University, Faculty Of Veterinary Medicne, Turkey 1997 - 2008

### **Research Areas**

Veterinary Pathology

### **Academic Titles / Tasks**

**Professor,** Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2023 - Continues  
**Associate Professor,** Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2020 - 2023

### **Academic and Administrative Experience**

**Head of Department,** Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2020 - Continues  
**Ethics Committee Member,** Sivas Cumhuriyet University, Veteriner Fakültesi, 2020 - 2024  
**Vice Dean,** Sivas Cumhuriyet University, Veteriner Fakültesi, 2020 - 2021  
**Director of the Center,** Ataturk University, 2016 - 2020  
**Ethics Committee Member,** Ataturk University, Veteriner Fakültesi, 2016 - 2020

### **Advising Theses**

Özkaraca M., Sığır testislerinde Papillomavirus varlığının araştırılması ve virusla enfekte testis dokularında gamma H2AX ve sitokrom C düzeylerinin belirlenmesi, Doctorate, Ö.KARATAŞ(Student), 2019  
Özkaraca M., Erzurum yöresi sığırlarında bovine viral diarrhea virus (BVDV)'un varlığının immunohistokimyasal yöntemle araştırılması, Postgraduate, G.CEMİL(Student), 2018

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Docosahexaenoic acid eliminates endoplasmic reticulum stress and inflammatory pathways in diabetic rat keratopathy**  
GEZER A., ÖZKARACA M., ÜSTÜNDAĞ H., Soydan M., Alkanoğlu Ö., Bedir G.  
International Immunopharmacology, vol.140, 2024 (SCI-Expanded)
- II. **Immunofluorescence and biochemical investigation of the protective effects of naringin and diosmin on the freezability of merino ram semen**  
ÖMÜR A. D., Kaynar O., Ileritürk M., ÖZKARACA M., ÖZTÜRK A. E., Bodu M., Sahin I. N., AKARSU S. A.  
Cryo letters, vol.45, no.5, pp.309-319, 2024 (SCI-Expanded)
- III. **The methanol extract of Centaurea depressa M. Bieb. -Containing nanoemulsion formulation: In vitro characterization and scratch assay**  
GÜVEN L., UĞUR KAPLAN A. B., Yesilyurt F., ÇETİN M., Lacin B. B., ÖZKARACA M., Yilmaz M. A., HACİMÜFTÜOĞLU A., KAYA Y.  
Journal of Drug Delivery Science and Technology, vol.99, 2024 (SCI-Expanded)
- IV. **The Protective Effect of Gallic Acid Against Bisphenol A-Induced Ovarian Toxicity and Endocrine Disruption in Female Rats**  
GEZER A., ÜSTÜNDAĞ H., Baygutalp N. K., ERBAŞ E., ÖZKARACA M.  
Journal of Medicinal Food, vol.27, no.7, pp.651-660, 2024 (SCI-Expanded)
- V. **Arbutin abrogates cisplatin-induced hepatotoxicity via upregulating Nrf2/HO-1 and suppressing genotoxicity, NF-κB/iNOS/TNF-α and caspase-3/Bax/Bcl2 signaling pathways in rats**  
Okkay I. F., Famurewa A., BAYRAM C., OKKAY U., Mendil A. S., Sezen S., Ayaz T., Gecili I., ÖZKARACA M., Senyayla S., et al.  
Toxicology Research, vol.13, no.3, 2024 (SCI-Expanded)
- VI. **Development and in vitro characterization nanoemulsion containing the methanol extract of Hypericum linarioides for wound healing: In vitro scratch assay**  
Kaplan A. B. U., Yesilyurt F., GÜVEN L., ÇETİN M., Lacin B. B., ÖZKARACA M., Yilmaz M. A., HACİMÜFTÜOĞLU A., KAYA Y.  
South African Journal of Botany, vol.168, pp.316-327, 2024 (SCI-Expanded)
- VII. **Ascorbic acid mitigates doxorubicin-induced spleen injury in rats: Histopathological and immunohistochemical insights**  
GEZER A., ÖZKARACA M., Karadag Sari E., Bedir G., Aydin P., ASKER H., HASSIBELNABY A. M. A.  
Pakistan journal of pharmaceutical sciences, vol.37, no.3, pp.591-599, 2024 (SCI-Expanded)
- VIII. **Investigation of the miRNA levels changes to acceptable daily intake dose pesticide mixture exposure on rat mesentery and pancreas**  
Sevim C., Tsatsakis A., TAGHIZADEHGHALEHJOUGHİ A., ÖZKARACA M., KARA M., GENÇ S., Mendil A. S., Yeni Y., Nikolouzakis T. K., ÖZÇAĞLI E.  
Chemosphere, vol.349, 2024 (SCI-Expanded)
- IX. **Exploring the neuroprotective effects of black garlic ethanol extract on acrylamide-induced brain damage through apoptotic and neurodegenerative pathways**  
GEZER A., Karadağ Sari E., Gelen V., Eliş Yıldız S., ÖZKARACA M., Bedir G., Çalik F., Eliş İ.  
Ankara Universitesi Veteriner Fakultesi Dergisi, vol.71, no.4, pp.395-406, 2024 (SCI-Expanded)
- X. **Parthenolide as a potential analgesic in the treatment of paclitaxel-induced neuropathic pain: the rat modeling**  
Toraman E., Bayram C., Sezen S., Özkaraca M., Hacimüftüoğlu A., Budak H.  
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.396, no.12, pp.3707-3721, 2023 (SCI-Expanded)
- XI. **Assessment of antimicrobial activity and In Vitro wound healing potential of ZnO nanoparticles synthesized with Capparis spinosa extract**  
Sezen S., ERTUĞRUL M. S., Balpinar Ö., BAYRAM C., ÖZKARACA M., Okkay I. F., HACİMÜFTÜOĞLU A., GÜLLÜCE M.  
Environmental science and pollution research international, vol.30, no.55, pp.117609-117623, 2023 (SCI-Expanded)
- XII. **Evaluated periodontal tissues and oxidative stress in rats with neuropathic pain-like behavior**  
Toraman A., TORAMAN E., ÖZKARACA M., BUDAK H.

- Molecular Biology Reports, vol.50, no.11, pp.9315-9322, 2023 (SCI-Expanded)
- XIII. **FGF-18 alleviates memory impairments and neuropathological changes in a rat model of Alzheimer's disease**  
Ciltas A., Karabulut S., Sahin B., Filiz A. K., Yulak F., Ozkaraca M., Karatas Ö., Cetin A.  
Neuropeptides, vol.101, 2023 (SCI-Expanded)
- XIV. **The melatonin agonist ramelteon attenuates bleomycin-induced lung fibrosis by suppressing the NLRP3/TGF-B1/HMGB1 signaling pathway**  
Aydin P., Aksakalli-Magden Z. B., Civelek M. S., Karabulut-Uzuncakmak S., Mokhtare B., ÖZKARACA M., ALPER F., HALICI Z.  
Advances in Medical Sciences, vol.68, no.2, pp.322-331, 2023 (SCI-Expanded)
- XV. **The effects of low-level laser therapy on polycystic ovarian syndrome in rats: three different dosages**  
POLAT B., OKUR D. T., ÇOLAK A., Yilmaz K., ÖZKARACA M., ÇOMAKLI S.  
Lasers in medical science, vol.38, no.1, pp.177, 2023 (SCI-Expanded)
- XVI. **Anticancer activity of lycopene in HT-29 colon cancer cell line**  
Ataseven D., Öztürk A., Özkaraca M., Joha Z.  
Medical Oncology, vol.40, no.5, 2023 (SCI-Expanded)
- XVII. **Chlorogenic Acid Attenuates Doxorubicin-Induced Oxidative Stress and Markers of Apoptosis in Cardiomyocytes via Nrf2/HO-1 and Dityrosine Signaling**  
ÇİÇEK B., HACİMÜFTÜOĞLU A., Yeni Y., DANİŞMAN B., ÖZKARACA M., Mokhtare B., Kantarci M., Spanakis M., Nikitovic D., Lazopoulos G., et al.  
Journal of Personalized Medicine, vol.13, no.4, 2023 (SCI-Expanded)
- XVIII. **Comparison of three different dosages of low-level laser therapy on expression of cell proliferation and inflammatory markers following ovariectomy in rats**  
POLAT B., OKUR D. T., ÇOLAK A., OKUR S., ÖZKARACA M., Yilmaz K.  
Cutaneous and Ocular Toxicology, vol.42, no.4, pp.273-282, 2023 (SCI-Expanded)
- XIX. **Deteriorated Vascular Homeostasis in Hypertension: Experimental Evidence from Aorta, Brain, and Pancreatic Vasculature**  
Taghizadeh H., TAGHIZADEHGHALEHJOUGH A., Yildirim S., ÖZKARACA M., Genc S., Yeni Y., Mokresh M. Y., HACİMÜFTÜOĞLU A., Tsatsakis A., Tsarouhas K.  
JOURNAL OF PERSONALIZED MEDICINE, vol.12, no.10, 2022 (SCI-Expanded)
- XX. **Increased nociceptive sensitivity is associated with periodontal inflammation and expression of chronic pain genes in gingival tissues of male rats**  
Toraman A., TORAMAN E., ÖZKARACA M., BUDAK H.  
CHEMICO-BIOLOGICAL INTERACTIONS, vol.366, 2022 (SCI-Expanded)
- XXI. **Galium aparine L. protects against acetaminophen-induced hepatotoxicity in rats**  
Şahin B., Karabulut S., Filiz A. K., Özkaraca M., Gezer A., Akpulat H. A., Ataseven H.  
Chemico-Biological Interactions, vol.366, 2022 (SCI-Expanded)
- XXII. **Synthesis, in silico and investigation of anti-breast cancer activity of new diphenyl urea derivatives: Experimental and computational study**  
GÖMEÇ M., SAYIN K., ÖZKARACA M., ÖZDEN H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1265, 2022 (SCI-Expanded)
- XXIII. **Hepatoprotective and neuroprotective effect of taxifolin on hepatic encephalopathy in rats**  
OKKAY U., FERAH OKKAY I., ÇİÇEK B., AYDIN İ. Ç., ÖZKARACA M.  
METABOLIC BRAIN DISEASE, vol.37, no.5, pp.1541-1556, 2022 (SCI-Expanded)
- XXIV. **Effect of taxifolin on acrylamide-induced oxidative and proinflammatory lung injury in rats: Biochemical and histopathological studies**  
Demir O. F., Elma B., SÜLEYMAN B., ÖZKARACA M., MAMMADOV R., SÜLEYMAN H., ÇOBAN T. A., ÖZÇİÇEK F.  
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.21, no.5, pp.973-979, 2022 (SCI-Expanded)
- XXV. **Synthesis of diaryl urea derivatives and evaluation of their antiproliferative activities in colon adenocarcinoma**

- GÖMEÇ M., YULAK F., GEZEGEN H., ÖZKARACA M., SAYIN K., ATASEVEN H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1254, 2022 (SCI-Expanded)
- XXVI. **p Genome-wide profiling of the expression of serum derived exosomal circRNAs in patients with hepatic alveolar echinococcosis**  
ÖZDEMİR S., AKSUNGUR N., ALTUNDAŞ N., KARA S., KORKUT E., ÖZKARACA M., Mendil A. S., ÖZTÜRK G.  
GENE, vol.814, 2022 (SCI-Expanded)
- XXVII. **Investigation of leptospiral antigen with immunohistochemical and immunofluorescence methods in cattle kidney**  
SAĞLAM Y. S., YILDIRIM S., Ozkaraca M., ALTUN S.  
Microbial Pathogenesis, vol.164, 2022 (SCI-Expanded)
- XXVIII. **The Effects of Dietary Wheat and Corn Glutens on the Histopathological and Immunohistochemical Structure of the Ovarian Tissue and Serum and Ovarian Tissue LH and FSH Levels and Lipid Profiles in Rats**  
İMİK H., TERİM KAPAKİN K. A., Karabulutlu Ö., GÜMÜŞ R., ÇOMAKLI S., ÖZKARACA M.  
Brazilian Archives of Biology and Technology, vol.66, 2022 (SCI-Expanded)
- XXIX. **Roles of apoptosis and autophagy in natural rabies infections**  
ÖZKARACA M., ÖZDEMİR S., ÇOMAKLI S., TİMURKAN M. Ö.  
VETERINARI MEDICINA, vol.67, no.1, pp.1-12, 2022 (SCI-Expanded)
- XXX. **Amelioration of oxidative damage parameters by carvacrol on methanol-induced liver injury in rats**  
GÜRSUL C., ÖZÇİÇEK A., ÖZKARACA M., Mendil A. S., ÇOBAN T. A., Arslan A., ÖZÇİÇEK F., SÜLEYMAN H.  
EXPERIMENTAL ANIMALS, vol.71, no.2, pp.224-230, 2022 (SCI-Expanded)
- XXXI. **The Effect of Adenosine Triphosphate, Benidipine, Sugammadex, and their Combinations upon Cardiac Damage after Temporary Clamping of the Abdominal Aorta in Rats**  
EMİR İ., ALTUNER D., GÜLABOĞLU M., ÇOBAN T. A., SÜLEYMAN B., MAMMADOV R., ÖZKARACA M., SÜLEYMAN Z., Karakurt T. C. O., SÜLEYMAN H.  
LATIN AMERICAN JOURNAL OF PHARMACY, vol.41, no.8, pp.1656-1665, 2022 (SCI-Expanded)
- XXXII. **Teratogenic and Neurotoxic Effects of n-Butanol on Zebrafish Development**  
Kokturk M., ÇOMAKLI S., ÖZKARACA M., ALAK G., ATAMANALP M.  
JOURNAL OF AQUATIC ANIMAL HEALTH, vol.33, no.2, pp.94-106, 2021 (SCI-Expanded)
- XXXIII. **The effect of adenosine triphosphate on bevacizumab-induced ovarian damage and reproductive dysfunction in rats**  
Ince S., Ozer M., Goktug Kadioğlu B., Kuzucu M., Karahan Yılmaz S., Özkaraca M., Gezer A., Suleyman H.  
General physiology and biophysics, vol.40, no.1, pp.71-78, 2021 (SCI-Expanded)
- XXXIV. **Protective effects of taxifolin on pazopanib-induced liver toxicity: an experimental rat model.**  
Akagunduz B., Ozer M., Ozcicek F., Kara A. V., Lacin S., Özkaraca M., Çoban A., Suleyman B., Mammadov R., Suleyman H.  
Experimental animals, vol.70, pp.169-176, 2021 (SCI-Expanded)
- XXXV. **Protective role of chrysins on doxorubicin-induced oxidative stress and DNA damage in rat testes.**  
Belhan S., Özkaraca M., Özdekk U., Kömüroğlu A.  
Andrologia, vol.52, 2020 (SCI-Expanded)
- XXXVI. **Effect of acupuncture therapy on fracture healing in rats with femur fractures**  
Yilmaz S., Kaya E., Yilmaz E., Kavaklı A., Gurbuz S., Ozkaraca M.  
Journal of Traditional Chinese Medicine, vol.40, no.2, pp.275-283, 2020 (SCI-Expanded)
- XXXVII. **Polystyrene nanoplastics (20 nm) are able to bioaccumulate and cause oxidative DNA damages in the brain tissue of zebrafish embryo (Danio rerio)**  
Sökmen T. Ö., Sulukan E., Türkoğlu M., BARAN A., ÖZKARACA M., CEYHUN S. B.  
NeuroToxicology, vol.77, pp.51-59, 2020 (SCI-Expanded)
- XXXVIII. **Chemoprotective effects of propolis on aflatoxin b1-induced hepatotoxicity in rats: Oxidative damage and hepatotoxicity by modulating tp53, oxidative stress**  
Yilmaz S., KANDEMİR F. M., Kaya E., ÖZKARACA M.  
Current Proteomics, vol.17, no.3, pp.191-199, 2020 (SCI-Expanded)

- XXXIX. **The protective effect exerted by dietary borax on toxicity metabolism in rainbow trout (*Oncorhynchus mykiss*) tissues**  
 ALAK G., PARLAK V., Yeltekin A. Ç., UÇAR A., ÇOMAKLI S., TOPAL A., ATAMANALP M., ÖZKARACA M., Türkez H.  
*Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, vol.216, pp.82-92, 2019 (SCI-Expanded)
- XL. **Activity of resveratrol on the influence of aflatoxin B1 on the testes of Sprague dawley rats**  
 ÖMÜR A. D., YILDIRIM B., SAĞLAM Y. S., ÇOMAKLI S., ÖZKARACA M.  
*POLISH JOURNAL OF VETERINARY SCIENCES*, vol.22, no.2, pp.313-320, 2019 (SCI-Expanded)
- XLI. **Investigation of the effects of hesperidin and chrysin on renal injury induced by colistin in rats**  
 HANEDAN B., ÖZKARACA M., Kirbas A., KANDEMİR F. M., AKTAŞ M. S., Kilic K., ÇOMAKLI S., KÜCÜKLER S., Bilgili A.  
*BIOMEDICINE & PHARMACOTHERAPY*, vol.108, pp.1607-1616, 2018 (SCI-Expanded)
- XLII. **Immunofluorescence/fluorescence assessment of brain-derived neurotrophic factor, c-Fos activation, and apoptosis in the brain of zebrafish (*Danio rerio*) larvae exposed to glufosinate**  
 ÇOMAKLI S., Kokturk M., TOPAL A., ÖZKARACA M., CEYHUN S. B.  
*NEUROTOXICOLOGY*, vol.69, pp.60-67, 2018 (SCI-Expanded)
- XLIII. **Neuroprotective effects of dietary borax in the brain tissue of rainbow trout (*Oncorhynchus mykiss*) exposed to copper-induced toxicity**  
 ALAK G., UÇAR A., Yeltekin A. Ç., ÇOMAKLI S., PARLAK V., Tas I. H., ÖZKARACA M., TOPAL A., Kirman E. M., BOLAT İ., et al.  
*FISH PHYSIOLOGY AND BIOCHEMISTRY*, vol.44, no.5, pp.1409-1420, 2018 (SCI-Expanded)
- XLIV. **Cypermethrin, chlorpyrifos, deltamethrin, and imidacloprid exposure up-regulates the mRNA and protein levels of bdnf and c-fos in the brain of adult zebrafish (*Danio rerio*)**  
 ÖZDEMİR S., ALTUN S., ÖZKARACA M., Ghosi A., TORAMAN E., ARSLAN H.  
*CHEMOSPHERE*, vol.203, pp.318-326, 2018 (SCI-Expanded)
- XLV. **Effect of melatonin on antioxidant capacity, inflammation and apoptotic cell death in lung tissue of diabetic rats(1)**  
 ONK D., ONK O. A., Erol H. S., ÖZKARACA M., ÇOMAKLI S., Ayazoglu T. A., KUYRUKUYILDIZ U., ÜNVER S.  
*ACTA CIRURGICA BRASILEIRA*, vol.33, no.4, pp.375-385, 2018 (SCI-Expanded)
- XLVI. **Curcumin ameliorates doxorubicin-induced cardiotoxicity by abrogation of inflammation, apoptosis, oxidative DNA damage, and protein oxidation in rats**  
 Benzer F., KANDEMİR F. M., ÖZKARACA M., KÜCÜKLER S., Caglayan C.  
*JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY*, vol.32, no.2, 2018 (SCI-Expanded)
- XLVII. **Role of geraniol against lead acetate-mediated hepatic damage and their interaction with liver carboxylesterase activity in rats**  
 Ozkaya A., Sahin Z., Kuzu M., SAĞLAM Y. S., ÖZKARACA M., Uckun M., Yologlu E., Comakli V., Demirdag R., Yologlu S.  
*ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY*, vol.124, no.1, pp.80-87, 2018 (SCI-Expanded)
- XLVIII. **The effects of 4-vinylcyclohexene diepoxide on the testes of dogs**  
 Paksoy Z., KANDEMİR F. M., Gokhan N., ÖZKARACA M.  
*VETERINARSKI ARHIV*, vol.88, no.6, pp.807-822, 2018 (SCI-Expanded)
- XLIX. **Preventive effects of hesperidin on diabetic nephropathy induced by streptozotocin via modulating TGF-1 and oxidative DNA damage**  
 KANDEMİR F. M., ÖZKARACA M., KÜCÜKLER S., Caglayan C., HANEDAN B.  
*TOXIN REVIEWS*, vol.37, no.4, pp.287-293, 2018 (SCI-Expanded)
- L. **Effect of intrauterine infusion of *Momordica charantia* L. on oxidative stress and pregnancy rate in infertile cows**  
 Emre B., Korkmaz O., Temamogullari F., Zonturlu A. K., Koyuncu I., ÖZKARACA M., CENGİZ M.  
*JOURNAL OF VETERINARY RESEARCH*, vol.61, no.4, pp.489-496, 2017 (SCI-Expanded)
- LI. **Determination of *Neospora caninum* and *Toxoplasma gondii* in aborted bovine foetuses by duplex PCR, immunohistochemistry and immunofluorescence methods**  
 ÖZKARACA M., Irehan B., Parmaksiz A., Ekinci A. I., ÇOMAKLI S.  
*MEDYCyna WETERYNARYJNA-VETERINARY MEDICINE-SCIENCE AND PRACTICE*, vol.73, no.6, pp.346-351, 2017

- (SCI-Expanded)
- LII. **Neurotoxic responses in brain tissues of rainbow trout exposed to imidacloprid pesticide: Assessment of 8-hydroxy-2-deoxyguanosine activity, oxidative stress and acetylcholinesterase activity**  
TOPAL A., ALAK G., ÖZKARACA M., Yeltekin A. C., ÇOMAKLI S., Acil G., Kokturk M., ATAMANALP M.  
CHEMOSPHERE, vol.175, pp.186-191, 2017 (SCI-Expanded)
- LIII. **Protective Effects of Rutin on Acute Lung Injury Induced by Oleic Acid in Rats**  
AKTAŞ M. S., KANDEMİR F. M., ÖZKARACA M., HANEDAN B., Kirbas A.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.23, no.3, pp.445-451, 2017 (SCI-Expanded)
- LIV. **Rutin ameliorates cisplatin-induced reproductive damage via suppression of oxidative stress and apoptosis in adult male rats**  
AKSU E. H., KANDEMİR F. M., ÖZKARACA M., ÖMÜR A. D., KÜÇÜKLER S., ÇOMAKLI S.  
ANDROLOGIA, vol.49, no.1, 2017 (SCI-Expanded)
- LV. **Effects of Nigella sativa and Hypericum perforatum on wound healing**  
Han M. C., Durmus A. S., Sagliyan A., Gunay C., ÖZKARACA M., KANDEMİR F. M., ÇOMAKLI S., Oztopalan D. F.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.41, no.1, pp.99-105, 2017 (SCI-Expanded)
- LVI. **The effect of diabetes on ovaries in a rat model: the role of interleukin-33 and apoptosis**  
NAYKI C., Nayki U., KULHAN M., ÖZKARACA M., ALTUN S., ÇANKAYA M., ONK O. A., ULUĞ P.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.33, no.9, pp.708-711, 2017 (SCI-Expanded)
- LVII. **Effectiveness of Hesperidin on Methotrexate-Induced Testicular Toxicity in Rats**  
Belhan S., ÖZKARACA M., KANDEMİR F. M., GÜLYÜZ F., YILDIRIM S., ÖMÜR A. D., Yener Z.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGİSİ, vol.23, no.5, pp.789-796, 2017 (SCI-Expanded)
- LVIII. **Mitigation of paracetamol-induced reproductive damage by chrysin in male rats via reducing oxidative stress**  
AKSU E. H., ÖZKARACA M., KANDEMİR F. M., ÖMÜR A. D., Eldutar E., KÜÇÜKLER S., ÇOMAKLI S.  
ANDROLOGIA, vol.48, no.10, pp.1145-1154, 2016 (SCI-Expanded)
- LIX. **Effects of Naringenin on Oxidative Stress and Histopathological Changes in the Liver of Lead Acetate Administered Rats**  
Ozkaya A., Sahin Z., Dag U., ÖZKARACA M.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.30, no.5, pp.243-248, 2016 (SCI-Expanded)
- LX. **THE ROLE OF APOPTOSIS AND AUTOPHAGY IN BOVINE ABORTIONS ASSOCIATED WITH BRUCELLA SPP**  
ÖZKARACA M., Ceribasi S., Ceribasi A. O., Kilic A., Ongor H.  
ACTA VETERINARIA-BEOGRAD, vol.66, no.1, pp.37-50, 2016 (SCI-Expanded)
- LXI. **Research of the effects of autologous cancellous bone graft and hyaluronic acid on the healing of bone defects experimentally induced in rabbits**  
Sagliyan A., Han M. C., Karabulut E., ÖZKARACA M.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.40, no.4, pp.374-381, 2016 (SCI-Expanded)
- LXII. **Effects of mitomycin C and cyclosporine A on experimentally induced glaucoma filtration surgery in rabbit model**  
Kilic S., Kulualp K., Muzoglu O., ÖZKARACA M.  
REVUE DE MEDECINE VETERINAIRE, vol.167, pp.323-331, 2016 (SCI-Expanded)
- LXIII. **The possible role of interleukin-33 as a new player in the pathogenesis of contrast-induced nephropathy in diabetic rats**  
DEMİRTAŞ L., Turkmen K., KANDEMİR F. M., ÖZKARACA M., KÜÇÜKLER S., GÜRBÜZEL M., ÇOMAKLI S.  
RENAL FAILURE, vol.38, no.6, pp.952-960, 2016 (SCI-Expanded)
- LXIV. **Determination of Coxiella burnetii in bovine foetuses using PCR and immunohistochemistry**  
ÖZKARACA M., Ceribasi S., Ceribasi A. O., Kilic A., ALTUN S., ÇOMAKLI S., Ongor H.  
VETERINARNA MEDICINA, vol.61, no.8, pp.421-427, 2016 (SCI-Expanded)
- LXV. **Immunohistochemical detection of bovine herpesvirus type 1 and bovine adenovirus type 3 antigens in frozen and paraffinized lung sections of pneumonic sheep and goats**

- Ceribasi A. O., Ceribasi S., ÖZKARACA M.  
VETERINARSKI ARHIV, vol.86, no.1, pp.9-21, 2016 (SCI-Expanded)
- LXVI. **Effect of Maclura pomifera Extract on Cisplatin-Induced Damages in Reproductive System of Male Rats**  
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- I. **BIOCHEMICAL INVESTIGATION OF THE PROTECTIVE EFFECTS OF DEXPANTHENOL ON 5-FLUOROURACIL-INDUCED NEPHROTOXICITY AND HEPATOTOXICITY IN RATS**  
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KARA H., ŞAHİN M., ÖZKARACA M., KUMRU A. S., GÜNGÖR H., Yılmaz G., SERVİ K.  
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KARA H., ŞAHİN M., ÖZKARACA M., KUMRU A. S., GÜNGÖR H., YILMAZ G., SERVİ K.  
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II. International VII. National Veterinary Pharmacology and Toxicology Congress, Balikesir, Turkey, 7 - 10 September 2022
- V. Determination of the Protective Effect of Morus alba Extract Against Brain Damage Caused by Mercury in Rats**  
KARA H., ŞAHİN M., ÖZKARACA M., KUMRU A. S., GÜNGÖR H., YILMAZ G., SERVİ K.  
II. International VII. National Veterinary Pharmacology and Toxicology Congress, Balikesir, Turkey, 7 - 10 September 2022
- VI. INVESTIGATION OF ANTIPIROLIFERITIVE EFFECT OF LYCOPENE ON HT-29 CELL LINE**  
Ataseven D., ÖZKARACA M., ÖZTÜRK A.  
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- VII. Place and Importance of Micro-RNAs in Scientific Studies**  
ÖZKARACA M.  
X. ulusal- I. Uluslararası Veteirner Patoloji Kongresi, Burdur, Turkey, 27 October 2020, pp.134-135
- VIII. Naringin ve Diosminin Merinos İrkı Koç Spermاسının Dondurulabilirliği Üzerine Koruyucu Etkilerinin İmmunfloresan ve Biyokimyasal Olarak İncelenmesi**  
ÖMÜR A. D., KAYNAR Ö., ÖZKARACA M., İLERİTÜRK M., KARATAŞ Ö., ÇOMAKLI S., ÖZTÜRK A. E., BODU M., ŞAHİN İ. N.  
ATAVET 1. International (2. International Participants) Student Congress, 4 - 06 December 2019, vol.97
- IX. NARİNGİN VE DİOSMİNİN MERİNOŞ İRKİ KOÇ SPERMASININ DONDURULABİLİRLİĞİ ÜZERİNE KORUYUCU ETKİLERİNİN İMMUNFLORESAN VE BİYOKİMYASAL OLARAK İNCELENMESİ**  
ÖMÜR A. D., KAYNAR Ö., ÖZKARACA M., İLERİTÜRK M., KARATAŞ Ö., ÇOMAKLI S., ÖZTÜRK A. E., BODU M., ŞAHİN İ. N.  
ATAVET-1. INTERNATIONAL (2. International Participants) STUDENT CONGRESS, Erzurum, Turkey, 4 - 06 December 2019
- X. Çekal Ligasyon Modeliyle Sepsis Oluşturulmuş Farelerin Karaciğerlerinde Pycnogenol Ve Momordica Charantina'nın Apoptotik Hücre Ölümü Üzerine Etkisinin İmmunohistokimyasal Olarak İncelenmesi**  
SEVİM Ç., SAĞLAM Y. S., BOLAT İ., ÇOMAKLI S., ÖZKARACA M., DOĞAN E.  
Atatürk Üniversitesi Veteriner Fakültesi 1.Uluslararası Katılımlı Öğrenci Kongresi, 18 - 20 October 2017
- XI. Sepsis Oluşturulmuş Farelerin Böbreklerinde Pycnogenol Ve Momordica Charantina'nın TNFa ekspresyonu üzerine etkisinin immunohistokimyasal olarak incelenmesi.**  
SEVİM Ç., SAĞLAM Y. S., MOHTARE B., ÇOMAKLI S., ÖZKARACA M., DOĞAN E.  
Atatürk Üniversitesi Veteriner Fakültesi 1.Uluslararası Katılımlı Öğrenci Kongresi, 18 - 20 October 2017
- XII. İnfertil İneklerde İntrauterin Momordica Charantia L. İnfüzyonunun Oksidatif Stres ve Gebelik Üzerine Etkisi**  
EMRE B., KORKMAZ Ö., TEMAMOĞULLARI F., ZONTURLU A. K., KOYUNCU İ., ÖZKARACA M., CENGİZ M.  
Türk Veteriner Jinekoloji Derneği 7. Ulusal ve 1. Uluslararası Kongresi, 12 - 15 October 2017
- XIII. Ratlarda Kolistin İle Oluşturulan Böbrek Hasarı Üzerine Hesperidin ve Krisin'in Etkilerinin Araştırılması**  
HANEDAN B., ÖZKARACA M., KIRBAŞ A., KANDEMİR F. M., AKTAŞ M. S., KILIÇ K., ÇOMAKLI S., KÜÇÜKLER S., BİLGİLİ A.  
1. Uluslararası Türkiye Veteriner İç Hastalıkları Kongresi, 10 - 13 October 2017
- XIV. Tissue protective effects of Frech maritme pine bark (Pycnogenol) on glutamate-induced cytotoxicity in adult human dermal fibroblast**  
SEVİM Ç., DOĞAN E., Tagizadehghalehjoughi A., ÖZKARACA M., ÇOMAKLI S., SAĞLAM Y. S.  
Eurotox 2017, 10 - 13 September 2017
- XV. Investigation the influence of hesperidin and chrysins on methotrexate (MTX)-induced testicular**

**toxicity**

BELHAN S., ÖZKARACA M., KANDEMİR F. M., YILDIRIM S., GÜLYÜZ F., YENER Z.

2017 Uluslararası Veteriner Hekimliği Kongresi, Antalya, Turkey, 27 - 30 March 2017, pp.307

**XVI. Sensitivity and specificity of endometrial cytopathological diagnosis in the slaughtered cows**

CENGİZ M., ALTUN S., ÇOMAKLI S., ÖZKARACA M., CENGİZ S., HAYIRLI A.

Proceedings of the 20th Annual Conference of European Society for Domestic Animal Reproduction (ESDAR) and the 13th Conference of the Spanish Association for Animal Reproduction (AERA), Lisbon, Portugal, 27 - 29 October 2016, pp.82

**XVII. The effect of 4-vinylcyclohexene diepoxide on the testes of male dogs**

PAKSOY Z., KANDEMİR F. M., GÖKHAN N., ÖZKARACA M.

3rd International Vetistanbul Group Congress, Sarajevo, Bosnia And Herzegovina, 17 - 20 October 2016, pp.318

**XVIII. Erkek ratlarda parasetamol indüklü üreme sistemi hasarının chrysin tarafından oksidatif stresin azaltılması vasıtası ile hafifletilmesi**

AKSU E. H., ÖZKARACA M., KANDEMİR F. M., ÖMÜR A. D., ELDUTAR E., KÜÇÜKLER S., ÇOMAKLI S.

8. Ulusal Reproduksiyon ve Suni Tohumlama Bilim Kongresi, Antalya, Turkey, 5 - 09 October 2016, pp.12-13

**XIX. Protective effects of rutin on acute lung injury induced by oleic acid in rats**

AKTAŞ M. S., KANDEMİR F. M., ÖZKARACA M., HANEDAN B., KIRBAŞ A.

5th Animal Health and Veterinary Medicine Congress, Valencia, Spain, 26 - 27 September 2016, pp.77

**XX. Sığır Akciğerlerinde Parainfluenza-3 etkininin immunohistokimyasal olarak araştırılması**  
ÇOMAKLI S., SAĞLAM Y. S., ÖZKARACA M., ALTUN S.

VIII. Ulusal Veteriner Patoloji Kongresi, Samsun, Turkey, 1 - 03 September 2016, pp.10-11

**XXI. Metatarsophalangeal fibroma in a horse**

YANMAZ L. E., ALTUN S., SAĞLAM Y. S., DOĞAN E., OKUMUŞ Z., ÖZKARACA M.

3rd International Vetistanbul Group Congress 2016, Sarajevo, Bosnia And Herzegovina, 17 - 20 May 2016, pp.289

**XXII. Chest fibrosarcoma in a horse**

SAĞLAM Y. S., YANMAZ L. E., OKUMUŞ Z., ÖZKARACA M., ALTUN S., DOĞAN E.

3rd International Vetistanbul Group Congress, Sarajevo, Bosnia And Herzegovina, 17 - 20 May 2016, pp.286

**XXIII. Research of The Effects of Autograft and Hyaluronic Acid on The Healing of Bone Defects Experimentally Included in Rabbits**

SAĞLIYAN A., HAN M. C., KARABULUT E., ÖZKARACA M.

1st International Turkey Veterinary Surgery Congress, Erzurum, Turkey, 11 - 14 May 2016

**XXIV. Evaluation of Naringenin Chelating and Hepatoprotective Potential against to Lead Acetate Administration**

ŞAHİN Z., ÖZKAYA A., DAĞ Ü., ÖZKARACA M.

Turkish Society of Physiological Sciences 41st National Physiology Congress, Çanakkale, Turkey, 9 - 13 September 2015, pp.108

**XXV. Ratlarda gentamisin ile oluşturulan böbrek hasarına geraniol'ün etkisi**  
KANDEMİR F. M., ÖZKARACA M., HANEDAN B., APAYDIN YILDIRIM B., KIRBAŞ A.

7. Ulusal Veteriner Biyokimya ve Klinik Biyokimya Kongresi, Samsun, Turkey, 28 - 30 May 2015, pp.193-194

**XXVI. Determination of Coxiella Burnetii in Bovine Foetuses by using PCR and immunohistochemistry in Eastern Turkey**

ÖZKARACA M., ÇERİBAŞI S., ÇERİBAŞI A. O., KILIÇ A., ALTUN S., ÇOMAKLI S., ÖNGÖR H.

International VETistanbul Group Congress 2015, St. Petersburg, Russia, 7 - 09 April 2015, pp.688-689

**XXVII. Arginase activity and total oxidant/antioxidant capacity in cows with lung cystic echinococcosis**  
HANEDAN B., KIRBAŞ A., KANDEMİR F. M., ÖZKARACA M., KILIÇ K., BENZER F.

International Scientific Congress, Iasi, Romania, 23 October 2014

**XXVIII. Bir köpekte oral papillomatozis ve siklofosfamit ile sağaltımı**

GÜNAY C., SAĞLIYAN A., ÖZKARACA M.

14.Uluslar Veteriner Cerrahi Kongresi, Antalya, Turkey, 23 - 26 October 2014, pp.139-140

**XXIX. Tavşanlarda deneysel oluşturulan kornea alkali yanıklarında otojen serumun kornea endotel iyileşmesi üzerine etkisi**

- GÜNEY C., SAĞLIYAN A., ÖZKARACA M., HAN M. C.  
14.Uluslararası Veteriner Cerrahi Kongresi, Antalya, Turkey, 23 - 26 October 2014, pp.225-226
- XXX. **Rutin attenuates gentamicin-induced renal damage by reducing the oxidative stress, inflammation, apoptosis and autophagy in rats**  
KANDEMİR F. M., ÖZKARACA M., APAYDIN YILDIRIM B., HANEDAN B., KIRBAŞ A., KILIÇ K., AKTAŞ E., BENZER F.  
International Scientific Congress, Iasi, Romania, 23 - 25 October 2014
- XXXI. **Tavşanlarda deneysel olarak oluşturulan glukomun filtrasyon cerrahisi (GFC) ile tedavisine mitomisin- C (MMC) ve siklosporin-A (CsA)'nın etkilerinin araştırılması**  
MUZOĞLU O., KILIÇ S., KULUALP K., ÖZKARACA M.  
14.Uluslararası Veteriner Cerrahi Kongresi, Antalya, Turkey, 23 - 26 October 2014, pp.67-68
- XXXII. **Deneysel kornea alkali yanıklarının tedavisinde otolog serum etkinliğinin araştırılması**  
GÜNEY C., SAĞLIYAN A., YILMAZ S., KANDEMİR F. M., HAN M. C., ÖZKARACA M., KULUALP K.  
14.Uluslararası Veteriner Cerrahi Kongresi, Antalya, Turkey, 23 - 26 October 2014, pp.227-228
- XXXIII. **Tavşanlarda ağız yoluyla kullanılan üzüm çekirdeği ekstresinin deri yaralarının iyileşmesi üzerine etkileri**  
SAĞLIYAN A., BENZER F., KANDEMİR F. M., GÜNEY C., HAN M. C., ÖZKARACA M.  
14.Uluslararası Veteriner Cerrahi Kongresi, Antalya, Turkey, 23 - 26 October 2014, pp.223-224
- XXXIV. **Beyaz Kas Hastalığı olan kuzukarda kalp, iskelet kası ve karaciğer dokularında arginaz aktivitesi ve enzim düzeylerinde değişiklikler**  
HANEDAN B., ERİŞİR M., KANDEMİR F. M., ÖZKARACA M.  
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- XXXV. **Brucella spp. Kaynaklı Sığır Abortlarında Apoptosis ve Otofajinin Rolü**  
ÖZKARACA M., ÇERİBAŞI S., ÇERİBAŞI A. O., KILIÇ A., ÖNGÖR H.  
VII. Ulusal Veteriner Patoloji Kongresi (Uluslararası Katılımlı), Kars, Turkey, 8 - 10 September 2014, pp.21
- XXXVI. **Doğal Kuduz Enfeksiyonlu Bazı Karnivor ve Herbivor Türlerde Merkezi Sinir Sisteminde Histopatolojik, İmmunfloresans ve TUNEL Boyama Bulgularının İncelenmesi**  
ÖZKARACA M., GÜRÇAY M., İREHAN B., TURAN T., PARMAKSIZ A., ÇERİBAŞI S., ÇERİBAŞI A. O.  
VII. Ulusal Veteriner Patoloji Kongresi (Uluslararası Katılımlı), Kars, Turkey, 8 - 10 September 2014, pp.33
- XXXVII. **Bir köpekte memede Tubulopapillar karsinom olgusu**  
ÇOMAKLI S., GÜNEY C., ÖZKARACA M.  
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- XXXVIII. **Uzunçayır Baraj gölünde Avlanan Bazı Balık Türlerinde Parazitlerin Araştırılması**  
İTİK EKİNCİ A., SAĞLAM N., ÖZKARACA M., KILINÇ Ü., ARCA S.  
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- XXXIX. **Tavşanlarda oral yolla kullanılan nar çekirdeği ekstresinin oluşturulan deri yarası iyileşmesi üzerine etkisi**  
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- XL. **Bir alman çoban köpeğinde perikardiyal mezotelyoma**  
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- XLI. **Pnömonili keçi akciğerlerinde parainfluenza tip-3 viral抗原lerin direkt immunofloresans ve immunoperoksidaz tekniklerle prevalansının belirlenmesi**  
ÇERİBAŞI S., ÖZKARACA M., ÇERİBAŞI A. O., ÖZER H.  
VI. Ulusal Veteriner Patoloji Kongresi, Aydın, Turkey, 19 September - 23 December 2012, pp.101
- XLII. **Farelerde Echinococcus granulosus protoskolekslerinin farklı yollarla verilmesiyle deneysel hidatidosis oluşturulması ve serolojik yanıtın belirlenmesi**  
IREHAN B., ŞİMŞEK S., KÖROĞLU E., ÖZKARACA M.  
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- XLIII. **Effects of grape seed extract against cisplatin-induced hepatotoxicity and oxidative stress in rabbits**  
KANDEMİR F. M., BENZER F., ÖZKARACA M., ÇERİBAŞI S., CIKCIKOĞLU YILDIRIM N., ÖZDEMİR N.

- 5 th.International Congress on Nutrition and Cancer, Elazığ, Turkey, 9 - 11 September 2012, pp.10
- XLIV. **Biochemical and histopathological effects of cisplatin on the kidney of rabbits and protection by pomegranate seed extract**  
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5 th.International Congress on Nutrition and Cancer, Elazığ, Turkey, 9 - 11 September 2012, pp.9
- XLV. **Nar çekirdeği ekstraktının tavşan karaciğer dokusundaki sisplatin kaynaklı hasar üzerine etkilerinin biyokimyasal ve histopatolojik olarak incelenmesi**  
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- XLVI. **Sisplatinin neden olduğu nefrotoksiste üzerine üzüm çekirdeği ekstraktının etkileri**  
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- XLVII. **Bir inekte vaginal fibroleiomyosarkom olgusu**  
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- XLIX. **Bir koyunda T hücreli lenfoma olgusu**  
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