



## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Veteriner Patoloji Anabilim Dalı Başkanlığı, Turkey 2017 - 2021

Undergraduate, Selcuk University, Faculty Of Veterinary Medicine, Turkey 2009 - 2014

## Dissertations

Doctorate, Sığır testislerinde Papillomavirus varlığının araştırılması ve virusla enfekte testis dokularında gamma H2AX ile sitokrom C düzeylerinin belirlenmesi, Ataturk University, Sağlık Bilimleri Enstitüsü, Veteriner Patoloji Anabilim Dalı Başkanlığı, 2021

## Research Areas

Veterinary Pathology

## Academic Titles / Tasks

Assistant Professor, Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2022 - Continues

Research Assistant PhD, Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2021 - 2022

Research Assistant, Sivas Cumhuriyet University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2015 - 2021

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

- I. An immunohistochemical study on the evaluation of mast cell, interleukin 17 and interleukin 1 $\beta$  profile in contagious caprine pleuropneumonia**  
KARATAŞ Ö., Akcakavak G.  
Veterinary Research Forum, vol.15, no.10, pp.515-521, 2024 (SCI-Expanded)
- II. Proanthocyanidin alleviates testicular torsion/detorsion-induced ischemia/reperfusion injury in rats**  
KAZAK F., Akcakavak G., ALAKUŞ İ., Alakus H., KIRGIZ Ö., KARATAŞ Ö., DEVECİ M. Z. Y., Coskun P.  
Tissue and Cell, vol.89, 2024 (SCI-Expanded)

- III. **Tarantula cubensis alcohol extract enhances the tumoricidal effect of capecitabine via multiple pathways in azoxymethane-induced colorectal cancer in rats**  
Akçakavak G., Celik Z., KARATAŞ Ö., Dogan O., Ozdemir O., Tuzcu M.  
Tropical Journal of Pharmaceutical Research, vol.23, no.2, pp.291-297, 2024 (SCI-Expanded)
- IV. **Evaluation of local expressions of acute phase proteins in white muscle disease in lambs by the immunohistochemical method Evaluación inmunohistoquímica de expresiones locales de proteínas de fase aguda en la enfermedad del músculo blanco en corderos**  
KARATAŞ Ö., Akçakavak G.  
Revista Científica de la Facultad de Veterinaria, vol.34, no.1, 2024 (SCI-Expanded)
- V. **Eucalyptol regulates Nrf2 and NF-κB signaling and alleviates gentamicin-induced kidney injury in rats by downregulating oxidative stress, oxidative DNA damage, inflammation, and apoptosis**  
Akçakavak G., Kazak F., KARATAŞ Ö., Alakus H., Alakus I., Kirgiz O., Celik Z., Yilmaz Deveci M. Z., Ozdemir O., Tuzcu M.  
Toxicology Mechanisms and Methods, vol.34, no.4, pp.413-422, 2024 (SCI-Expanded)
- VI. **Determination of Apoptosis, Necroptosis and Autophagy Markers by Real-time PCR in Naturally Infected Pneumonic Pasteurellosis caused by Pasteurella multocida and Mannheimia haemolytica in Cattle**  
Akçakavak G., KARATAŞ Ö., Tuzcu N., Tuzcu M.  
Pakistan Veterinary Journal, vol.44, no.2, pp.483-489, 2024 (SCI-Expanded)
- VII. **Syringic acid guards against indomethacin-induced gastric ulcer by alleviating inflammation, oxidative stress and apoptosis**  
FERAH OKKAY I., OKKAY U., ÇİÇEK B., KARATAŞ Ö., Yilmaz A., Yesilyurt F., HACİMÜFTÜOĞLU A.  
Biotechnic and Histochemistry, vol.99, no.3, pp.147-156, 2024 (SCI-Expanded)
- VIII. **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)
- IX. **Effects of Lavender (Lavandula Angustifolia) Essential Oil on Fattening Performance, Meat Quality, Serum Antioxidant Enzymes, Gut Microbiota and Intestinal Histomorphology in Japanese Quails**  
Özbilgin A., Moğulkoç M. N., Kara K., Urçar Gelen S., Karataş Ö., Ülger Özbek D.  
REVISTA BRASILEIRA DE CIÊNCIA AVÍCOLA, vol.25, no.4, pp.1-16, 2023 (SCI-Expanded)
- X. **Mechanism of anticancer effect of gambogic acid on gastric signet ring cell carcinoma**  
Joha Z., Öztürk A., Yulak F., Karataş Ö., Ataseven H.  
Medical Oncology, vol.40, no.9, 2023 (SCI-Expanded)
- XI. **Anticancer activity of sinapic acid by inducing apoptosis in HT-29 human colon cancer cell line**  
Taştumur Ş., Hacısüleyman L., KARATAŞ Ö., YULAK F., ATASEVEN H.  
Canadian Journal of Physiology and Pharmacology, vol.101, no.7, pp.361-368, 2023 (SCI-Expanded)
- XII. **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, vol.75, no.5, pp.625-634, 2023 (SCI-Expanded)
- XIII. **The effects of sorafenib in healthy and cisplatin-treated rats**  
DEMİRTAŞ L., GÜRBÜZEL M., Tahirler H., AKBAŞ E. M., KARATAŞ Ö., ARSLAN Y. K.  
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.32, pp.449-456, 2023 (SCI-Expanded)
- XIV. **The Effects of Sunitinib in Healthy and Cisplatin-Induced Rats**  
DEMİRTAŞ L., GÜRBÜZEL M., AKBAŞ E. M., Tahirler H., KARATAŞ Ö., ARSLAN Y. K.  
Chemistry and Biodiversity, vol.20, no.2, 2023 (SCI-Expanded)
- XV. **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, vol.49, no.1, pp.159-172, 2022 (SCI-Expanded)
- XVI. **Mitochondrial Homeostasis and Mast Cells in Experimental Hepatic Ischemia-Reperfusion Injury of**

## Rats.

Koc S., , Dogan H. O., Karataş Ö., Erdogan M. M., Polat V., , , ,

The Turkish journal of gastroenterology : the official journal of Turkish Society of Gastroenterology, vol.33, no.9, pp.777-784, 2022 (SCI-Expanded)

### XVII. **The effect of low-level laser therapy on rat unicortical femoral defect**

YANMAZ L. E., ERSÖZ U., OKUR S., Yildirim B. A., ÇOMAKLI S., SAĞLAM Y. S., Dogan E., KARATAŞ Ö., TURGUT F., Okumus Z.

THAI JOURNAL OF VETERINARY MEDICINE, vol.51, no.2, pp.277-284, 2021 (SCI-Expanded)

### XVIII. **Aflatoxin B-1 induced renal and cardiac damage in rats: Protective effect of lycopene**

YILMAZ S., KAYA E., Karaca A., KARATAŞ Ö.

RESEARCH IN VETERINARY SCIENCE, vol.119, pp.268-275, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of local expressions of IGF-1, LC3B and NF-kB in white muscle disease in lambs by immunohistochemical method**  
Akçakavak G., Karataş Ö., Cifci A. T., Dağar O., Doğan O., Tuzcu M.  
Journal of advances in vetbio science and techniques, vol.9, no.2, pp.79-86, 2024 (Peer-Reviewed Journal)
- II. **Evaluation of a sternum dehiscence reconstruction graft on an animal model**  
Kasimzade F., Ada F., Karatas Ö.  
Medicine Science International Medical Journal, vol.11, no.2, pp.598-602, 2022 (Peer-Reviewed Journal)
- III. **Effects of Rhodiola rosea on indomethacin-induced gastric injury**  
Ferah Okkay I., Okkay U., Karataş Ö.  
Dicle Tıp Dergisi, vol.48, no.4, pp.732-739, 2021 (Peer-Reviewed Journal)
- IV. **Evaluation of ultrasonic intravascular thrombectomy system on a rabbit model in the treatment of deep vein thrombosis**  
KASIMZADE F., ADA F., KARATAŞ Ö.  
Journal of Surgery and Medicine, vol.5, no.9, pp.921-923, 2021 (Peer-Reviewed Journal)
- V. **Evaluation of 4-Hydroxy-2-Nonenal, Dityrosine and 8-Hydroxy-2-Deoxyguanosine Expressions in Lambs with White Muscle Disease**  
KARAKURT E., KARATAŞ Ö., DAĞ S., BEYTUT E., MENDİL A. S., NUHOĞLU H., YILDIZ A.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.35, no.2, pp.109-113, 2021 (Peer-Reviewed Journal)
- VI. **Investigation of Ruminant Encephalitic and Septicemic Listeriosis by the Immunofluorescence Method**  
KARAKURT E., BÜYÜK F., DAĞ S., BEYTUT E., ÇELEBİ Ö., KARATAŞ Ö., NUHOĞLU H., Mendil A. S., AKÇA D., YILDIZ A.  
Etlik Veteriner Mikrobiyoloji Dergisi, vol.32, no.1, pp.33-39, 2021 (Peer-Reviewed Journal)
- VII. **Investigation of ultrasonic chronic total occlusion system on a rabbit model**  
KASIMZADE F., ADA F., KARATAŞ Ö.  
Journal of Surgery and Medicine, vol.5, no.7, pp.676-678, 2021 (Peer-Reviewed Journal)
- VIII. **Bir Buzağıda Çoklu Kongenital Anomali Olgusu**  
Yurdakul İ., Yalçın M., Karataş Ö.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, vol.17, no.3, pp.342-345, 2020 (Peer-Reviewed Journal)
- IX. **Expression of PCNA, MMP-9, p53, Bax and Bcl-2 in canine transmissible venereal tumors**  
KARAKURT E., KURU M., DAĞ S., BEYTUT E., NUHOĞLU H., DEMİR M. C., KAÇAR C., KARATAŞ Ö., Yıldız A.  
Journal of Istanbul Veterinary Sciences, vol.4, no.1, pp.13-20, 2020 (Peer-Reviewed Journal)
- X. **Treatment of Operation Wounds in Rats with Antibiotic-Coated Magnetic Nanoparticles**  
Şen İ., Karayığit M. Ö., Kara H., Karataş Ö.  
International Journal of Academic Medicine and Pharmacy, vol.2, no.1, pp.26-33, 2020 (Peer-Reviewed Journal)
- XI. **Parvovirus ile Doğal Enfekte Köpeklerde Matriks Metalloproteinaz-9 Ekspresyonu**  
KARAYIĞIT M. Ö., KARATAŞ Ö.

Sağlık Bilimleri Dergisi, vol.26, pp.60-63, 2018 (Peer-Reviewed Journal)

**XII. Scottish Fold Irkı Bir Kedide Feline İnfeksiyöz Peritonitis Olgusu**

KARAYİĞİT M. Ö., AYDOĞDU U., ŞEN İ., BAŞBUĞ O., DÖRTBUDAK M. B., KARATAŞ Ö., TUZCU M.

Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.1, no.1, pp.45-50, 2016 (Peer-Reviewed Journal)

## **Books & Book Chapters**

**I. ÖNEMLİ BİR ZOONOTİK HASTALIK: ANTRAKS**

KARATAŞ Ö.

in: Güncel-Pratik Veteriner Hekim El Kitabı - 2, Uslu Barış Atalay, Başbuğ Onur, Yurdakul İbrahim, Editor, Sivas Cumhuriyet Üniversitesi Rektörlük Matbaası, Sivas, pp.271-278, 2023

**II. RUMİNANLARDA LİSTERİÖZİS**

KARATAŞ Ö.

in: Güncel-Pratik Veteriner Hekim El Kitabı - 2, Uslu Barış Atalay, Başbuğ Onur, Yurdakul İbrahim, Editor, Sivas Cumhuriyet Üniversitesi Rektörlük Matbaası, Sivas, pp.279-286, 2023

**III. Küçük Ruminant Vebası**

KARATAŞ Ö.

in: Veteriner Patolojide Güncel Değerlendirmeler - Modern Analiz, Bulgu ve Araştırmalar, TUZCU Mehmet, AKÇAKAVAK Gökhan, Editor, Livre De Lyon, Lyon, pp.225-233, 2023

**IV. Foot and Mouth Disease**

Karataş Ö.

in: GÜNCEL-PRATİK VETERİNER HEKİM EL KİTABI, Prof. Dr. Barış Atalay USLU, Doç. Dr. Onur BAŞBUĞ, Doç. Dr. İbrahim Yurdakul, Editor, Sivas Cumhuriyet Üniversitesi Yayinevi, Sivas, pp.155-160, 2022

## **Refereed Congress / Symposium Publications in Proceedings**

**I. SUCCESSFUL TREATMENT OF TOTAL PROLAPSED UTERI AND VAGINAL HYPERPLASIE IN A KANGAL BITCH A CASE REPORT**

YÜKSEL M., KIVRAK M. B., TAKCI A., KARATAŞ Ö.

6. INTERNATIONAL FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS, Ganja, Azerbaijan, 22 - 23 September 2023, vol.1, pp.37-39

**II. HEPATOID GLAND EPITHELIOMA IN A HUSKY DOG**

KARATAŞ Ö., AKÇAKAVAK G., DOĞAN O.

ANADOLU 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES DECEMBER 29- 30, 2022 DIYARBAKIR, Diyarbakır, Turkey, 29 - 31 December 2022, vol.11, pp.868-873

**III. A CASE OF FIBROSARCOMA IN AN ANATOLIAN TABBY MALE CAT**

KARATAŞ Ö., AKÇAKAVAK G., YALCIN M., CATAK M. A.

3. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS 17-18 DECEMBER 2022, Batman, Turkey, 17 - 18 December 2022, vol.3, pp.378-382

**IV. Radyoterapi alan tavşanlarda pentoksifilin+alfa-tokoferol ile pentoksifilin+alfa**

**tokoferol+rosuvastatin kombinasyonunun kemik-implant bağlantısına etkisinin araştırılması /**

**Investigation of the effect of pentoxifylline+alpha-tocopherol and pentoxifylline+alpha-**

**tocopherol+rosuvastatin combination on bone-implant connection in rabbits receiving radiotherapy**

yurttas m. r., PİRİM GÖRGÜN E., KARATAŞ Ö., Başaran Gökşen H., OCAK M., ORHAN K.

Türk Periodontoloji Derneği 51. Uluslararası Bilimsel Kongresi 29. Bilimsel Sempozyumu, Antalya, Turkey, 06 November 2022

**V. Investigation of the Antiproliferative Effect of Sinapic Acid on HT-29 cell line**

TAŞTEMUR Ş., ATASEVEN H., KARATAŞ Ö.

2. International Cancer Days, Sivas, Turkey, 16 September 2021, vol.2, pp.195-196

- VI. **Naringin ve Diosminin Merinos Irkı Koç Spermasının 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., Şahin İ. N.  
ATAVET 1. International (2. International Participants) Student Congress, 4 - 06 December 2019, vol.97
- VII. **NARİNGİN VE DİOSMİNİN MERİNOS IRKI 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., Şahin İ. N.  
ATAVET-1. INTERNATIONAL (2. International Participants) STUDENT CONGRESS, Erzurum, Turkey, 4 - 06 December 2019
- VIII. **Histopathologic features of the epididymis and in adult male rats exposed to radiation after treatment with amifostine**  
YILDIZ DENİZ G., GEZER A., LALOĞLU E., KARATAŞ Ö., KARADAĞ SARI E.  
mesmap 4, 18 - 22 April 2018

## Supported Projects

Ekici M., Üner A. G., Turgut N. H., Koçkaya M., Karataş Ö., Güngör H., Karayiğit M. Ö., Project Supported by Higher Education Institutions, Sıçanlarda İsopterol ile İndüklenen Miyokardiyal İnfarktüs Modelinde Empaglifozin'in Koruyucu Etkileri, 2019 - 2022

Özkaraca M., Karataş Ö., Project Supported by Higher Education Institutions, Sığır testislerinde Papillomavirus varlığının araştırılması; virusla enfekte testis örneklerinde gamma H2AX ve sitokrom C ekspresyonunun saptanması, 2020 - 2021  
Karayiğit M. Ö., Karataş Ö., Project Supported by Higher Education Institutions, Matrix Metalloproteinase-9 Expression In Natural Infected Dogs With Parvovirus, 2019 - 2020

Şen İ., Karayiğit M. Ö., Kara H., Karataş Ö., Project Supported by Higher Education Institutions, Treatment of Operation Wounds in Rats with Antibiotic-Coated Magnetic Nanoparticles, 2018 - 2019

## Activities in Scientific Journals

Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, Committee Member, 2023 - Continues

## Memberships / Tasks in Scientific Organizations

Veteriner Patoloji Derneği, Member, 2022 - Continues, Turkey

## Scientific Refereeing

Journal of advances in vetbio science and techniques, Other Indexed Journal, October 2023

Journal of advances in vetbio science and techniques, Other Indexed Journal, October 2023

Etlik Veteriner Mikrobiyoloji Dergisi, Other Indexed Journal, September 2023

Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, Other Indexed Journal, June 2023

Journal of advances in vetbio science and techniques, Other Indexed Journal, May 2023

Antakya Veteriner Bilimleri Dergisi, Other Indexed Journal, May 2023

Journal of advances in vetbio science and techniques, Other Indexed Journal, March 2023

Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, Other Indexed Journal, October 2022

Cumhuriyet Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, Other Indexed Journal, August 2022

Toxicology Research and Application, Other Indexed Journal, April 2022

## **Metrics**

Publication: 42

Citation (WoS): 8

Citation (Scopus): 63

H-Index (WoS): 1

H-Index (Scopus): 3