

Assoc. Prof. Seçkin ÖZKANLAR

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Sağlık Bilimleri Enstitüsü, Veteriner Biyokimya, Turkey 2006 - 2011

Undergraduate, Ataturk University, Veteriner Fakültesi, Turkey 2000 - 2005

Research Areas

Health Sciences, Veterinary Sciences, Veterinary Biochemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Ataturk University, Veteriner Fakültesi, Temel Bilimler, 2017 - Continues

Courses

Amino Asitler ve Proteinler, Postgraduate, 2022 - 2023

Klinik Biyokimya, Doctorate, 2022 - 2023

Proteinler ve Metabolizması, Doctorate, 2023 - 2024

Biyokimya I, Undergraduate, 2022 - 2023

Mezuniyet Tezi II, Undergraduate, 2022 - 2023

Medikal kimya, Undergraduate, 2023 - 2024

Amino Asitler ve Proteinler, Postgraduate, 2023 - 2024

Lipid Biyokimyası, Postgraduate, 2023 - 2024

Biyokimya II, Undergraduate, 2023 - 2024

Biyokimya II, Undergraduate, 2023 - 2024

Mezuniyet Tezi I, Undergraduate, 2023 - 2024

Lipidler ve Metabolizması, Doctorate, 2022 - 2023

BiyokimyaI, Undergraduate, 2021 - 2022

BiyokimyaII, Undergraduate, 2022 - 2023

Biyokimya I, Undergraduate, 2021 - 2022

Klinik Laboratuvar teşhis, Undergraduate, 2021 - 2022

İmmun sistem, Doctorate, 2020 - 2021

Biyokimya I, Undergraduate, 2020 - 2021

Savunma sistemi Biyokimyası, Postgraduate, 2020 - 2021

Proteinler ve Metabolizmaları, Doctorate, 2020 - 2021
Akutfaz paroteinleri ve Fonksiyonları, Postgraduate, 2021 - 2022
Biyokimya II, Undergraduate, 2021 - 2022
Tanıda Klinik Biyokimya, Postgraduate, 2020 - 2021
seminer, Undergraduate, 2020 - 2021

Advising Theses

ÖZKANLAR S., Akciğer kanseri hücre hattında cetuximab,cisplatin ve melatonin uygulamalarının p53 geni ve apoptoz aktivasyonuüzerine etkilerinin araştırılması, Postgraduate, C.Gür(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Silver Nanoparticles Loaded With Oleuropein Alleviates LPS-Induced Acute Lung Injury by Modulating the TLR4/P2X7 Receptor-Mediated Inflammation and Apoptosis in Rats**
Yakut S., Gelen V., Kara H., Özkanlar S., Yeşildağ A.
Environmental Toxicology, vol.39, no.11, pp.4960-4973, 2024 (SCI-Expanded)
- II. **Silver Nanoparticles Loaded with Oleuropein Reduce Doxorubicin-Induced Testicular Damage by Regulating Endoplasmic Reticulum Stress, and Apoptosis**
Erbaş E., Gelen V., Kara H., Gedikli S., Yeşildağ A., Özkanlar S., Akarsu S. A.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.202, no.10, pp.4687-4698, 2024 (SCI-Expanded)
- III. **Syringic acid loaded silver nanoparticles protects ovarian ischemia-reperfusion injury in rats by inhibiting endoplasmic reticulum stress-mediated apoptosis**
ERBAŞ E., ÖZKANLAR S., Yeşildağ A., Kara A., Senthil Kumar K.
Journal of Drug Delivery Science and Technology, vol.99, 2024 (SCI-Expanded)
- IV. **Dietary composition influences sperm quality and testis damage via endoplasmic reticulum stress in lambs**
Imik A., Eren M., Can M. B., ÖZKANLAR S., ÖMÜR A. D., Aydın M. A., Sunar S., AKARSU S. A.
VETERINARY MEDICINE AND SCIENCE, vol.10, no.4, 2024 (SCI-Expanded)
- V. **Citrate-coated silver nanoparticles loaded with agomelatine provide neuronal therapy in acute cerebral ischemia/reperfusion of rats by inhibiting the oxidative stress, endoplasmic reticulum stress, and P2X7 receptor-mediated inflammasome**
GELEN V., ÖZKANLAR S., Kara A., YEŞİLDAĞ A.
ENVIRONMENTAL TOXICOLOGY, vol.39, no.3, pp.1531-1543, 2024 (SCI-Expanded)
- VI. **Clinical and inflammatory response to antiviral treatments in dogs with parvoviral enteritis.**
Ulas N., Ozkanlar Y., Ozkanlar S., Timurkan M. O., Aydın H.
Journal of veterinary science, vol.25, no.1, 2024 (SCI-Expanded)
- VII. **The investigation of the effects of monosodium glutamate on healthy rats and rats with STZ-induced diabetes**
URÇAR GELEN S., ÖZKANLAR S., GEDİKLİ S., ATASEVER M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.38, no.1, 2024 (SCI-Expanded)
- VIII. **Clinical evaluation of antiviral combination treatment in cats with feline herpesvirus-1 infection.**
Özkanlar Y., Ulaş N., Sözdutmaz İ., Özkanlar S.
Polish journal of veterinary sciences, vol.26, no.4, pp.705-713, 2023 (SCI-Expanded)
- IX. **Blockade of P2X7 receptor-mediated purinergic signaling with A438079 protects against LPS-induced liver injury in rats**
Kara A., ÖZKANLAR S.
Journal of Biochemical and Molecular Toxicology, vol.37, no.10, 2023 (SCI-Expanded)
- X. **Effects of dietary thyme and rosemary essential oils on biochemical parameters, anti-oxidant**

metabolism, small intestinal morphology and myofiber structure of superficial pectoral and biceps femoris muscles in broilers

GÜMÜŞ R., KARA H., ÖZKANLAR S., İMİK H., Celep N. A.

VETERINARY RESEARCH FORUM, vol.14, no.5, pp.249-257, 2023 (SCI-Expanded)

XI. Effects of Bromelain on Growth Performance, Biochemistry, Antioxidant Metabolism, Meat Quality, and Intestinal Morphology of Broilers

YENİCE G., ATASEVER M., Kara A., ÖZKANLAR S., URÇAR GELEN S., İskender H. A., GÜR C., GEDİKLİ S.

Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Protective Effects of the Purinergic Receptor Antagonist A438079 on Lipopolysaccharide-Induced Kidney Injury in Rats**
AYDEMİR CELEP N., ÖZKANLAR S., ERBAŞ E., KARA A., ULAŞ N.
Laboratuvar Hayvanları Bilimi ve Uygulamaları Dergisi, 2023 (Peer-Reviewed Journal)
- II. **Comparative Efficacy of the Steroids Administered by Inhalation and Parenteral Route in Lambs with Experimentally Induced Endotoxemia**
KIRBAŞ A., KARAKUŞ E., ÖZKANLAR S., GEDİKLİ S., HANEDAN B., TOPÇU A., BAYRAKTUTAN Z.
INTERNATIONAL JOURNAL OF VETERINARY SCIENCE, vol.4, no.4, pp.199-205, 2015 (Scopus)
- III. **Efficacy of Amphotericin B Clinicopathologic Variables and Oxidative Stress Markers in Three Staffordshire Bull Terrier Dogs with Visceral Leishmaniasis**
HANEDAN B., BÖRKÜ M. K., ÖZKANLAR Y., HAYDARDEDEOĞLU A. E., GAZYAĞCI S., AYDIN A., ÖZKANLAR S.
Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.10, no.1, pp.33-38, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Effects of Favipiravir T-705 Application on Rat Testicular Tissue**
ÖMÜR A. D., UÇAK G., ERBAŞ E., ÖZKANLAR S., KARA A., AYDEMİR CELEP N., AKARSU S. A., KARAHANLI A., KAMER B.
Turkish & Italian Joint International Congress of Animal Reproduction, Antalya, Turkey, 11 October 2024
- II. **Effect of systemic and reproductive microflora and some metabolic parameters on ai fertility of dairy cattle during transition period**
UÇAR Ö., ÇELEBİ D., Akman O., YENİCE G., ÖZKANLAR S., AKSU E. H., ÖMÜR A. D.
Birinci Uluslar Arası Onuncu Ulusal Reprodüksiyon ve Suni Tohumlama Bilim Kongresi, 28 September 2022
- III. **The Effects of Quercetin on Cyclophosphamide Induced Hepatotoxicity in the Rats.pdf**
Gedikli S., Şengül E., Özkanlar S.
International Eurasian Conference on Science, Engineering and Technology, Turkey, 22 - 23 November 2018
- IV. **The relationship between surgical and natural menopause with cognitive functions serum BDNF plasma annexin V and oxidative stress**
YÜCEL A., ÖZCAN H., ORAL E., YÜCEL N., ÖZKANLAR S., YILMAZ M.
8. Uluslararası Psikofarmakoloji Kongresi, Antalya, Turkey, 20 - 24 April 2016, pp.22
- V. **The Effects of Resveratrol on the Expressions of MDM2 P53 PI3K STK3 and MST2 LATS1 Genes in HT 29 Colon Cancer Cells**
CAN İ., AKSAK KARAMEŞE S., ÖZKANLAR S., GELEN V., ERBAŞ E., YİĞİT S., KARA A., ÜNAL B.
1st International Conference on Natural Products for Cancer Prevention and Therapy, 31 August - 02 September 2015
- VI. **Effects of Various Light Period Administrations on the Development of Thyroid Organ and Endocrine Function of the Chicken (Biochemical and Histomorphometric Study)**
ÖZKANLAR S., ERBAŞ E., GÖKTAŞ H., GÜR C., ÖZÜDOĞRU Z., ÖZDEMİR D., KARA A., KURT N.

Anatomi Günleri 2014, Turkey, 20 - 22 February 2014

- VII. **Doxorubicin ile oluşturulan kardiyotoksistide kalbin elektromekanik aktivitesi üzerine ramipril ve darbepoetin etkileri**
ÖZKANLAR Y., AKTAŞ M. S., TÜRKELİ M., ERTÜRK N., ORUÇ E., ÖZKANLAR S., KIRBAŞ A., ERDEMCİ B., AKSAKAL E.
10. Ulusal Veteriner İç Hastalıkları Kongresi, Nevşehir, Turkey, 27 - 30 June 2013, pp.155-156
- VIII. **The role of carnitine on ovariectomy and inflammation induced osteoporosis in rats**
HALICI Z., ORSAL E., BAYIR Y., ÇADIRCI E., BİLEN H., FERAH I., AYDIN A., ÖZKANLAR S., AYAN A. K., SEVEN B., et al.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), Roma, Italy, 17 - 20 April 2013
- IX. **Role Of Carnitine On Ovariectomy And Inflammation Induced Osteoporosis In Rats**
HALICI Z., ORSAL E., BAYIR Y., ÇADIRCI E., BİLEN H., FERAH I., AYDIN A., ÖZKANLAR S., AYAN A. K., SEVEN B., et al.
European Congress on Osteoporosis and Osteoarthritis (ESCEO-IOF), ROMA, Italy, 17 - 19 April 2013
- X. **Modified Ovsynch synchronisation programme combined with vitamins and minerals in cows: biochemical, hormonal and reproductive traits**
UÇAR Ö., ÖZKANLAR S., KAYA M., ÖZKANLAR Y., ŞENOCAK M. G., POLAT H.
Days of Veterinary Medicine 2011 (Skopje, Macedonia), 9 - 11 September 2011, pp.60-61
- XI. **Sütçü İneklerde Modifiye Ovsynch Senkronizasyon Programıyla Vitamin ve Mineral Kombinasyonunun Biyokimyasal Hormonal ve Reprodüktif Parametreler Üzerine Etkileri**
UÇAR Ö., ÖZKANLAR S., KAYA M., ÖZKANLAR Y., ŞENOCAK M. G.
V. Ulusal Reprodüksiyon ve Suni Tohumlama Kongresi, Elazığ, Turkey, 1 - 04 October 2009, pp.110-111
- XII. **Sütçü Düve ve İneklerde CRESTAR Plus Senkronizasyon Programıyla hCG veya GnRH Kombinasyonunun Gebelik Oranı Üzerine Etkileri**
UÇAR Ö., ÖZKANLAR S., KAYA M., ÖZKANLAR Y., ŞENOCAK M. G.
V. Ulusal Reprodüksiyon ve Suni Tohumlama Kongresi, Elazığ, Turkey, 1 - 04 October 2009, pp.192-193

Supported Projects

Erbaş E., İmik A., Özkanlar S., Gümüş R., Project Supported by Higher Education Institutions, Ratların Rasyonuna Enerji Kaynağı Olarak Buğday Yerine Farklı Oranlarda Katılan Karabuğdayın Bağırsak ve Pankreas Dokularında Biyokimyasal ve Histopatolojik Etkilerinin Araştırılması, 2024 - 2026

URÇAR GELEN S., ÖZKANLAR S., GEDİKLİ S., Project Supported by Higher Education Institutions, Diabet Oluşturulan Sıçanlarda Monosodyum Glutamat Verilmesinin Etkilerinin Araştırılması, 2021 - 2022

ÖZKANLAR S., SATICI E., KAYNAR Ö., ULAŞ N., Project Supported by Higher Education Institutions, E coli lipopolisakariti ile sepsis oluşturulan sıçanlarda P2X7 reseptör antagonisti A438079 ve oATP uygulamalarının tedavi etkinliklerinin araştırılması, 2021 - 2022

ÖZKANLAR S., GÜR C., Project Supported by Higher Education Institutions, "PANKREAS KANSERİ HÜCRELERİNDE CETUXİMAB, CİSPLATİN VE MELATONİN KOMBİNE UYGULAMALARININ OTOFAJİK HÜCRE ÖLÜMÜ ETKİNLİĞİNİN ARAŞTIRILMASI", 2014 - 2017

ÖZKANLAR S., GÜR C., Project Supported by Higher Education Institutions, BDNF HETEROZİGOT TRANSGENİK (+/-), NORMAL WİLD TYPE HOMOZİGOT (+/+) VE NORMAL BALB/C HOMOZİGOT (+/+) FARELERDE KARBONHİDRAT, LİPİD VE PROTEİN METABOLİZMASI PARAMETRELERİNİN KARŞILAŞTIRILMASI, 2013 - 2014

Metrics

Publication: 123

Citation (WoS): 491

Citation (Scopus): 580

H-Index (WoS): 15

H-Index (Scopus): 14