

Assoc. Prof. Mehmet Cemal ADIGÜZEL

Personal Information

Email: mcemal.adiguzel@atauni.edu.tr

Web: <https://avesis.atauni.edu.tr/mcemal.adiguzel>

International Researcher IDs

ScholarID: IEHbULwAAAAJ

ORCID: 0000-0002-2385-9649

Yoksis Researcher ID: 104618

Education Information

Doctorate, Istanbul University, Veteriner Fakültesi, Mikrobiyoloji Anabilim Dalı, Turkey 2011 - 2016

Undergraduate, Ataturk University, Veteriner Fakültesi, Turkey 2006 - 2010

Undergraduate, Kafkas University, Faculty Of Veterinary Medicine, Turkey 2005 - 2005

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, KANATLILARDAN İZOLE EDİLEN TERMOFİLİK KAMPİLOBAKTER TÜRLERİNDE KİNOLON DİRENCİNİN FENOTİPİK VE GENOTİPİK OLARAK BELİRLENMESİ, Atatürk Üniversitesi, Veteriner Fakültesi, Mikrobiyoloji Anabilim Dalı, 2016

Research Areas

Health Sciences, Veterinary Sciences, Pre-Clinical Sciences, Veterinary Microbiology

Academic Titles / Tasks

Associate Professor, Ataturk University, Veteriner Fakültesi, Klinik Öncesi Bilimleri, 2021 - Continues

Assistant Professor, Ataturk University, Veteriner Fakültesi, Klinik Öncesi Bilimleri, 2018 - Continues

Assistant Professor, Ataturk University, Veteriner Fakültesi, Klinik Öncesi Bilimleri, 2017 - 2018

Research Assistant PhD, Ataturk University, Veteriner Fakültesi, Klinik Öncesi Bilimleri, 2016 - 2017

Research Assistant, Istanbul University, Veteriner Fakültesi, Klinik Öncesi Bilimler Bölümü, 2011 - 2016

Research Assistant, Ataturk University, Veteriner Fakültesi, Klinik Öncesi Bilimleri, 2011 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

1. Evaluation of raw milk samples and vendor-derived *Staphylococcus aureus* and *Coxiella*

burnetii prevalence in dairy delicatessens in eastern Turkey

Kaplan M. F., Kaplan E., Raza A., Demirler M., BARAN A., Cengiz S., ADIGÜZEL M. C.
FOOD SCIENCE & NUTRITION, vol.12, no.8, pp.5942-5950, 2024 (SCI-Expanded)

- II. **Prevalence and antimicrobial resistance of Campylobacter species in shelter-housed healthy and diarrheic cats and dogs in Turkey**
Yildiz M., Sahin O., Adigüzel M. C.
Veterinary Medicine and Science, vol.10, no.1, 2024 (SCI-Expanded)
- III. **A Comprehensive Study on Peppermint Oil and Cinnamon Oil as Nanoemulsion: Preparation, Stability, Cytotoxicity, Antimicrobial, Antifungal, and Antioxidant Activity**
Özakar E., Alparslan A. L., Adigüzel M. C., Torkay G., Baran A., Bal Öztürk A., Sevinç Özakar R.
CURRENT DRUG DELIVERY, vol.21, no.4, pp.603-622, 2024 (SCI-Expanded)
- IV. **A Longitudinal Study on *Campylobacter* in Conventionally Reared Commercial Broiler Flocks in the United States: Prevalence and Genetic Diversity**
Sahin O., Pang J., Pavlovic N., Tang Y., Adiguzel M. C., Wang C., Zhang Q.
AVIAN DISEASES, no.4, pp.317-325, 2023 (SCI-Expanded)
- V. **Prevalence and clonal diversity of methicillin-resistant Staphylococcus aureus and methicillin-resistant Staphylococcus pseudintermedius isolated from dogs and cats with eye discharge.**
Cengiz S., Okur S., Oz C., Turgut F., Gumurcinler B., Sevuk N. S., Kecek A. I., Cepoglu H., Sevimli U., Adiguzel M. C.
Acta microbiologica et immunologica Hungarica, vol.70, no.2, pp.134-141, 2023 (SCI-Expanded)
- VI. **Preparation, Characterization of Chitosan-Coated/Uncoated Boron Nanoparticles and In-Vitro Evaluation of Their Antimicrobial Effects**
Ozakar R., BİNGÖL M. S., ADIGÜZEL M. C., ÖZAKAR E.
POLYMER-KOREA, vol.46, no.6, pp.709-721, 2022 (SCI-Expanded)
- VII. **Influence of Single Dose Enrofloxacin Injection on Development of Fluoroquinolone Resistance in Campylobacter jejuni in Calves**
Goulart D. B., Beyi A. F., Wu Z., Adiguzel M. C., Wilson S., Xu C., Pang J., Dewell R., Dewell G. A., Plummer P. J., et al.
ANTIBIOTICS-BASEL, vol.11, no.10, 2022 (SCI-Expanded)
- VIII. **Nanoemulsion-Based Hydrogels and Organogels Containing Propolis and Dexpanthenol: Preparation, Characterization, and Comparative Evaluation of Stability, Antimicrobial, and Cytotoxic Properties**
Sevinc-Ozakar R., Seyret E., ÖZAKAR E., ADIGÜZEL M. C.
GELS, vol.8, no.9, 2022 (SCI-Expanded)
- IX. **Prevalence, Mechanism, Genetic Diversity, and Cross-Resistance Patterns of Methicillin-Resistant Staphylococcus Isolated from Companion Animal Clinical Samples Submitted to a Veterinary Diagnostic Laboratory in the Midwestern United States**
ADIGÜZEL M. C., Schaefer K., Rodriguez T., Ortiz J., Sahin O.
ANTIBIOTICS-BASEL, vol.11, no.5, 2022 (SCI-Expanded)
- X. **Effect of Danofloxacin Treatment on the Development of Fluoroquinolone Resistance in Campylobacter jejuni in Calves**
Goulart D. B., Beyi A. F., Wu Z., Adiguzel M. C., Schroeder A., Singh K., Xu C., Ocal M. M., Dewell R., Dewell G. A., et al.
ANTIBIOTICS-BASEL, vol.11, no.4, 2022 (SCI-Expanded)
- XI. **Genomic characterization, antimicrobial resistance profiles, enterotoxin, and biofilm production of methicillin-resistant Staphylococcus aureus isolated from clinical and animal products origins in Eastern Turkey**
BARAN A., ÖZ C., CENGİZ S., ADIGÜZEL M. C.
PESQUISA VETERINARIA BRASILEIRA, vol.42, 2022 (SCI-Expanded)
- XII. **Detection of Pasteurella multocida, Mannheimia haemolytica, Histophilus somni and Mycoplasma bovis in cattle lung**
Cengiz S., Adigüzel M. C., Dinç G.
Revista Mexicana de Ciencias Pecuarias, vol.12, no.3, pp.710-720, 2021 (SCI-Expanded)
- XIII. **Distribution of CRISPR Types in Fluoroquinolone-Resistant Campylobacter jejuni Isolates**
ADIGÜZEL M. C., Goulart D. B., Wu Z., Pang J., CENGİZ S., Zhang Q., Sahin O.

PATHOGENS, vol.10, no.3, 2021 (SCI-Expanded)

- XIV. **Prevalence of Colistin Resistance in Escherichia coli in Eastern Turkey and Genomic Characterization of an mcr-1 Positive Strain from Retail Chicken Meat**
Adiguzel M. C., Baran A., Wu Z., Cengiz S., Dai L., Oz C., Ozmenli E., Goulart D., Sahin O.
Microbial Drug Resistance, vol.27, no.3, pp.424-432, 2021 (SCI-Expanded)
- XV. **Molecular serotyping of Salmonella strains isolated from retail chicken meats by in silico derived multiplex PCR, determination of ESBL, and colistin resistance genes mcr-1 to -5**
ADIGÜZEL M. C., CENGİZ S., BARAN A.
VETERINARSKI ARHIV, vol.91, no.2, pp.179-187, 2021 (SCI-Expanded)
- XVI. **Investigation and sequence analysis of avian polyomavirus and psittacine beak and feather disease virus from companion birds in eastern Turkey**
ADIGÜZEL M. C., TİMURKAN M. Ö., CENGİZ S.
JOURNAL OF VETERINARY RESEARCH, vol.64, no.4, pp.495-501, 2020 (SCI-Expanded)
- XVII. **Bacterial Cross-Contamination in a Veterinary Ophthalmology Setting**
Gentile D., Allbaugh R. A., Adiguzel M. C., Kenne D. E., Sahin O., Sebbag L.
FRONTIERS IN VETERINARY SCIENCE, vol.7, 2020 (SCI-Expanded)
- XVIII. **Antimicrobial resistance profiles of Escherichia coli isolated from companion birds**
DİREN SİĞİRCİ B., ÇELİK B., HALAÇ B., ADIGÜZEL M. C., Kecec I., METİNER K., İKİZ S., BAĞCIGİL A. F., Ozgur N. Y., AK S., et al.
JOURNAL OF KING SAUD UNIVERSITY SCIENCE, vol.32, no.1, pp.1069-1073, 2020 (SCI-Expanded)
- XIX. **Prevalence of Antibiotic-Resistant and Extended-Spectrum Beta-Lactamase-Producing Escherichia coli in Chicken Meat from Eastern Turkey**
Baran A., Adigüzel M. C., Yüksel M.
PAKISTAN VETERINARY JOURNAL, vol.40, no.3, pp.355-359, 2020 (SCI-Expanded)
- XX. **Determination of virulence factors and antimicrobial resistance of E. coli isolated from calf diarrhea, part of eastern Turkey**
Cengiz S., Adigüzel M. C.
ANKARA UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.67, no.4, pp.365-371, 2020 (SCI-Expanded)
- XXI. **SOME SPECIFIC MICROBIOLOGICAL PARAMETERS AND PREVALENCE OF SALMONELLA spp. IN RETAIL CHICKEN MEAT FROM ERZURUM PROVINCE, TURKEY AND CHARACTERIZATION OF ANTIBIOTIC RESISTANCE OF ISOLATES**
Baran A., Erdoğan A., Kavaz A., Adigüzel M. C.
BIOSCIENCE JOURNAL, vol.35, no.3, pp.878-891, 2019 (SCI-Expanded)
- XXII. **Phenotypic and genotypic examination of antimicrobial resistance in thermophilic Campylobacter species isolated from poultry in Turkey**
ADIGÜZEL M. C., Sigirci B. D., Celik B., Kahraman B. B., Metiner K., Ikiz S., Bagcigil A. F., Ak S., Ozgur N. Y.
JOURNAL OF VETERINARY RESEARCH, vol.62, no.4, pp.463-468, 2018 (SCI-Expanded)
- XXIII. **Prevalence and Antimicrobial Resistance of Thermophilic Campylobacter Isolates from Raw Chicken Meats**
Issa G., Basaran Kahraman B., ADIGÜZEL M. C., Yilmaz Eker F., Akkaya E., Bayrakal G. M., KOLUMAN A., Kahraman T.
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.24, no.5, pp.701-707, 2018 (SCI-Expanded)
- XXIV. **A Comparative Study on Detection of Bartonella henselae Infection by Culture Followed by PCR, Nested-PCR and IFA**
Sigirci B. D., Celik B., Kahraman B. B., Gumus B., Metiner K., Adiguzel M. C., Ikiz S., Bagcigil A. F., Ozgur N. Y., Ak S.
KAFKAS UNIVERSİTESİ VETERİNER FAKÜLTESİ DERGİSİ, vol.23, no.2, pp.333-337, 2017 (SCI-Expanded)
- XXV. **Determination of Ampicillin Resistant Enterococci (Are) Isolated From Canine and Feline Rectal Swabs**
Çelik B., Bağcigil A. F., Koenhems L., ADIGÜZEL M. C., Or E., Ak S.
İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.43, no.1, pp.1-6, 2017 (SCI-Expanded)
- XXVI. **Determination of Ampicillin Resistant Enterococci (Are) Isolated From Canine and Feline Rectal Swabs**

Çelik B., Bağcıgil A. F., Koenhemsı L., ADIGÜZEL M. C., Or E., Ak S.

İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.43, no.1, pp.1-6, 2017 (SCI-Expanded)

XXVII. Detection of Extended-spectrum beta-lactamase and AmpC beta-lactamase Producing Escherichia coli Isolates from Chickens

Basaran Kahraman B., Diren Sigirci B., Celik B., Gumus B., Metiner K., Adiguzel M. C., Bagcigil A. F., Ikiz S., Ozgur N. Y., Ak S.

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.22, no.4, pp.591-596, 2016 (SCI-Expanded)

XXVIII. The Effect of Different Storage Temperatures and Times on the Viability of Helicobacter pullorum

Basaran Kahraman B., Metiner K., Diren Sigirci B., Çelik B., ADIGÜZEL M. C., Bağcıgil A. F., İkiz S., Özgür N. Y., Ak S.

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.22, no.3, pp.457-459, 2016 (SCI-Expanded)

XXIX. The Effect of Different Storage Temperatures and Times on the Viability of Helicobacter pullorum

Basaran Kahraman B., Metiner K., Diren Sigirci B., Çelik B., ADIGÜZEL M. C., Bağcıgil A. F., İkiz S., Özgür N. Y., Ak S.

KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.22, no.3, pp.457-459, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. Boron nitride nanoparticles: Preparation, characterization, stability and evaluation of antibacterial activities

ÖZAKAR E., SEVİNÇ ÖZAKAR R., ADIGÜZEL M. C.

JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.4, pp.1188-1199, 2024 (ESCI)

II. 25-Hydroxyvitamin D and Parathyroid Hormone Concentrations in Cattle with Dermatophytosis

Değirmençay Ş., Eroğlu M. S., Kırbaş A., Adigüzel M. C.

Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.37, no.1, pp.26-31, 2023 (Peer-Reviewed Journal)

III. Pathogenic Bacteria Present in the Lochia First 10–Day Postpartum Prolongs Days Open in Dairy Cows

ADIGÜZEL M. C., CENGİZ S., CENGİZ M., HAYIRLI A.

Atatürk Üniversitesi Veteriner Bilimleri Dergisi, vol.16, no.1, pp.32-40, 2021 (Scopus)

IV. Some Physicochemical and Microbiological Properties of Cow Milks Collected from Local Dairy Delicatessens in Erzurum, Turkey

Baran A., Adigüzel M. C.

KSU TARIM VE DOĞA DERGISI-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.2, pp.493-505, 2020 (ESCI)

V. COVID-19 pandemic in food safety perspective

BARAN A., ADIGÜZEL M. C.

Eurasian Journal of Veterinary Sciences, pp.122-125, 2020 (Peer-Reviewed Journal)

VI. A New Therapeutic Approach to Foods: microRNA

Baran A., Erdoğan A., Turgut T., Adigüzel M. C.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1266-1274, 2019 (Peer-Reviewed Journal)

VII. A review on the presence of Staphylococcus aureus in cheese

BARAN A., ERDOĞAN A., TURGUT T., ADIGÜZEL M. C.

TÜRK DOĞA VE FEN DERGİSİ, vol.6, pp.100-105, 2017 (Peer-Reviewed Journal)

VIII. Köpek ve Kedi Rektal Svablarından İzole Edilen Ampisilin-Dirençli Enterokokların İncelenmesi

ÇELİK B., BAĞCIGİL A. F., KOENHEMSİ L., ADIGÜZEL M. C., OR M. E., AK S.

İstanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.43, no.23931, pp.1-6, 2017 (Peer-Reviewed Journal)

IX. Investigation of Vancomycin-Resistant Enterococci and The Distribution of The Vancomycin Resistance Associated Genes in Chickens

Çepoğlu H., ADIGÜZEL M. C., Bağcıgil A. F., Ak S.

Journal of Anatolian Environmental & Animal Sciences, vol.1, no.3, pp.92-95, 2016 (Peer-Reviewed Journal)

X. Investigation of Vancomycin-Resistant Enterococci and The Distribution of The Vancomycin Resistance Associated Genes in Chickens

Çepoğlu H., ADIGÜZEL M. C., Bağcıgil A. F., Ak S.

Journal of Anatolian Environmental & Animal Sciences, vol.1, no.3, pp.92-95, 2016 (Peer-Reviewed Journal)

XI. In-Vitro Comparison of the Antibacterial Activity of Extracts from Endemic Plants Species

Özkan O., ADIGÜZEL M. C., Erdağ D., Bağcıgil A. F., Aydın H.

International Journal of Ayurvedic & Herbal Medicine, vol.4, pp.1608-1614, 2014 (Peer-Reviewed Journal)

XII. In-Vitro Comparison of the Antibacterial Activity of Extracts from Endemic Plants Species

Özkan O., ADIGÜZEL M. C., Erdağ D., Bağcıgil A. F., Aydın H.

International Journal of Ayurvedic & Herbal Medicine, vol.4, pp.1608-1614, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

I. Alternative Strategies for Control of Necrotic Enteritis in Poultry

Aytek E., ADIGÜZEL M. C.

in: INNOVATIVE RESEARCH IN HEALTH SCIENCES, Demirel, Saadettin, Editor, Duvar, pp.105-124, 2023

II. Süregelen Eski Bakteriyel Zoonoz: Şarbon, Artan Konak Hareketliliği Kaynaklı Sağlık Tehditleri

LEVCHENKO A., ADIGÜZEL M. C., ÖZKURT Z., ÇINAR TANRIVERDİ E.

in: Tek Sağlık Kitabı, Taştan Rüştü, Ayşe Ak, Burcu KÜÇÜK BİÇER, Demet ARSLANBAŞ, Editor, Duvar, pp.114-131, 2023

III. Süregelen Eski Bakteriyel Zoonoz: Şarbon, Artan Konak Hareketliliği Kaynaklı Sağlık Tehditleri

LEVCHENKO A., ADIGÜZEL M. C., ÖZKURT Z., ÇINAR TANRIVERDİ E.

in: Güncel Tek Sağlık Zoonotik Tehditlerden İklimsel Afetlere ve Ekotoksikolojik Sorunlara Düşünce Evrimi, Taştan Rüştü, Ayşe Ak, Burcu Küçük Biçer, Demet Arslanbaş, Editor, Duvar Yayınları, Ankara, pp.131-149, 2023

IV. Kanatlı Hayvan Hastalıkları Uygulama Ders Notları

AK S., ÖZGÜR N. Y., BAĞCIGİL A. F., İKİZ S., METİNER K., BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ÇELİK B., ADIGÜZEL M. C., HALAÇ B.

İstanbul Üniversitesi Veteriner Fakültesi, İstanbul, 2018

V. Bakteriyoloji ve Mikoloji Uygulama Ders Notu

AK S., ÖZGÜR N. Y., BAĞCIGİL A. F., İKİZ S., METİNER K., BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ÇELİK B., ADIGÜZEL M. C., HALAÇ B.

İstanbul Üniversitesi Veteriner Fakültesi, İstanbul, 2018

VI. immunoloji ve Seroloji Ders Notu

AK S., ÖZGÜR N. Y., BAĞCIGİL A. F., İKİZ S., METİNER K., BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ÇELİK B., ADIGÜZEL M. C., HALAÇ B.

İstanbul Üniversitesi Veteriner Fakültesi, 2018

VII. KANATLI HAYVAN HASTALIKLARI UYGULAMA DERS NOTU

ÇELİK B., AK S., ÖZGÜR N. Y., BAĞCIGİL A. F., İKİZ S., METİNER K., BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ADIGÜZEL M. C., HALAÇ B.

İSTANBUL ÜNİVERSİTESİ, İstanbul, 2015

VIII. BAKTERİYOLOJİ ve MİKOLOJİ UYGULAMA DERS NOTLARI

BAĞCIGİL A. F., ÖZGÜR N. Y., AK S., İKİZ S., METİNER K., BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ADIGÜZEL M. C., HALAÇ B.

İSTANBUL ÜNİVERSİTESİ, İstanbul, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Isolation of Obligate Intracellular Bacteria in vivo Conditions

ÖZ C., ADIGÜZEL M. C., CENGİZ S.

THIRD INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES, Turkey, 14 - 16 April 2023, vol.1, pp.109-120

- II. **Kedi ve Köpek Dışkılarında Salmonella sp. Varlığının Fenotipik ve Genotipik Olarak Saptanması ve Fenotipik Olarak Antibiyotik Direnç Profilinin Belirlenmesi**
Öz C., Yıldız M., Cengiz S., Adıgüzel M. C.
XV. ULUSAL VETERİNER MİKROBİYOLOJİ KONGRESİ ULUSLARARASI KATILIMLI, Şanlıurfa, Turkey, 26 - 28 October 2022, pp.103
- III. **Erzurum İlinde Tüketime Sunulmuş Çiğ Süt Örneklerinde Coxiella burnetii Varlığının PCR ile Saptanması**
Demirler M., Kaplan M. F., Demir M. A., Baran A., Cengiz S., Adıgüzel M. C.
XV. Ulusal Veteriner Mikrobiyoloji Kongresi- Uluslararası Katılımlı, Şanlıurfa, Turkey, 26 - 28 October 2022, pp.70
- IV. **Erzurum İlinde Tüketime Sunulan Çiğ Sütlerde İnsan Kaynaklı Staphylococcus aureus Kontaminasyonunun**
Kaplan M. F., Baran A., Cengiz S., Adıgüzel M. C.
XV. Ulusal Veteriner Mikrobiyoloji Kongresi-Uluslararası Katılımlı, Şanlıurfa, Turkey, 26 - 28 October 2022, pp.77
- V. **Tavuk Orijinli Escherichia coli İzolatlarının Fenotipik ve Genotipik Karakterizasyonu**
Aytek E., Sevük S., Cengiz S., Adıgüzel M. C.
XV. Ulusal Veteriner Mikrobiyoloji Kongresi-Uluslararası katılımlı, Şanlıurfa, Turkey, 26 - 28 October 2022, pp.68-69
- VI. **THE VETERINARY MICROBIOLOGY ROUTINE: A RETROSPECTIVE STUDY**
Aytek E., ÜN H., KAPLAN M. F., ÖZ C., CENGİZ S., ADIGÜZEL M. C.
ATAVET II. INTERNATIONAL III. NATIONAL VETERINARY MEDICINE STUDENT CONGRESS, Erzurum, Turkey, 15 December 2021, pp.48
- VII. **Postbiotics and Parabiotics**
ADIGÜZEL M. C., YENİCE G.
International Conference on Food, Agriculture and Animal Sciences ICOFAAS, Erzurum, Turkey, 13 October 2021
- VIII. **Antibacterial Activity of Nanoemulsion of Origanum syriacum against Selected Bacterial Strains**
Sevinç Özakar R., Adıgüzel M. C., Özakar E., Cengiz S.
International Congress on Biological and Health Sciences, Afyonkarahisar, Turkey, 26 - 28 February 2021
- IX. **PCR DETERMINATION OF SALMONELLA INFECTION IN CAGE BIRDS**
ÖZ C., CENGİZ S., ADIGÜZEL M. C.
ATAVET 1. International (2. International Participants) Student Congress, Erzurum, Turkey, 4 - 06 December 2019
- X. **Purulent meningoencephalitis and acute coenurosis in a Morkaraman lamb**
DEĞİRMENÇAY Ş., AYDIN Ö., YILDIRIM S., ADIGÜZEL M. C., EREN E., BOLAT İ.
4th International Congress on Advances of Veterinary Sciences and Techniques (ICAVST), KİEV, Ukraine, 10 - 14 July 2019
- XI. **PHENOTYPIC AND GENOTIPIC EXAMINATION OF ANTIMICROBIAL RESISTANCE IN THERMOFILIC CAMPYLOBACTER SPECIES ISOLATED FROM POULTRY IN TURKEY**
ADIGÜZEL M. C., DİREN SİĞİRCİ B., ÇELİK B., BAŞARAN KAHRAMAN B., METİNER K., İKİZ S., BAĞCIGİL A. F., AK S., ÖZGÜR N. Y.
2nd International Congress of Veterinary Microbiology, Antalya, Turkey, 16 - 19 October 2018
- XII. **Investigation and Sequence Analysis of Avian Polyomavirus and Beak and Feather Disease Virus From Psittacine Birds in Erzurum, Turkey**
ADIGÜZEL M. C., TİMURKAN M. Ö., CENGİZ S.
2nd International Congress of Veterinary Microbiology, 16 - 19 October 2018
- XIII. **COLISTIN RESISTANT ESCHERICHIA COLI AND MCR GENE BY PLASMID MEDIATED RESISTANCE**
ADIGÜZEL M. C., BARAN A., TURGUT T., ERDOĞAN A.
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.54-62
- XIV. **INVESTIGATION of ANTIMICROBIAL ACTIVITY of PHYSALIS ALKEKENGİ L. FRUIT EXTRACTS COLLECTED FROM CORUH VALLEY**
ADIGÜZEL M. C., BARAN A., TURGUT T., ERDOĞAN A.
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.548-552
- XV. **THE NAME OF HAZARD INCREASINGLY IMPORTANT IN FOOD HYGIENE IS MODIFIED MYCOTOXINS**

- BARAN A., ADIGÜZEL M. C., ERDOĞAN A., TURGUT T.
International Agricultural, Biological Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.91-98
- XVI. **A STUDY ON THE PREVALENCE OF SALMONELLA BY IMS-PCR AND CONVENTIONAL CULTURE METHODS IN BEEF MEATS SOLD IN ERZURUM, TURKEY**
BARAN A., ADIGÜZEL M. C., ERDOĞAN A., TURGUT T.
International Agricultural, Biological Life Science Conference, 2 - 05 September 2018, pp.99-106
- XVII. **INVESTIGATION OF ANTIMICROBIAL ACTIVITY OF PHYSALIS ALKEKENGİL. FRUIT EXTRACTS COLLECTED FROM CORUH VALLEY**
ADIGÜZEL M. C., BARAN A., TURGUT T., ERDOĞAN A.
International Agricultural, Biological Life Science Conference, 2 - 05 September 2018, pp.548-552
- XVIII. **COLISTIN RESISTANT ESCHERICHIA COLI AND MCR GENE BY PLASMID MEDIATED RESISTANCE**
ADIGÜZEL M. C., BARAN A., TURGUT T., ERDOĞAN A.
International Agricultural, Biological Life Science Conference, 2 - 05 September 2018, pp.54-62
- XIX. **THE NAME OF HAZARD INCREASINGLY IMPORTANT IN FOOD HYGIENE IS MODIFIED MYCOTOXINS**
ADIGÜZEL M. C., BARAN A., ERDOĞAN A., TURGUT T.
International Agricultural, Biological Life Science Conference, 2 - 05 September 2018, pp.91-98
- XX. **Antimikrobiyal Dirençte Yeni Çözüm Önerisi: CRISPR-Cas Sistemi**
ADIGÜZEL M. C., Acaroğlu M. L., BARAN A., CENGİZ S.
Atatürk Üniversitesi Veteriner Fakültesi (ATAVET) I. Uluslararası Katılımlı Öğrenci Kongresi, Erzurum, Turkey, 18 - 20 October 2017, pp.39-40
- XXI. **Antimicrobial Resistance of E. coli Strains Isolated From Uterin Discharge in the Postparturient Cows**
ADIGÜZEL M. C., CENGİZ S., CENGİZ M., HAYIRLI A.
Türk Veteriner Jinekoloji Derneği VII. Ulusal I. Uluslar Arası Kongresi, Fethiye, Turkey, 15 - 18 October 2017, pp.220-221
- XXII. **Antimicrobial Resistance of E. coli Strains Isolated from Uterine Discharge in the Postparturient Cows**
ADIGÜZEL M. C., CENGİZ S., CENGİZ M., HAYIRLI A.
Türk Veteriner Jinekoloji Derneği VII. Ulusal-I. Uluslararası Kongresi, 12 - 15 October 2017
- XXIII. **Doğum Sonrası İnek Uterus Akıntularından İzole Edilen E. coli Suşlarında Antimikrobiyel Direnç**
ADIGÜZEL M. C., CENGİZ S., CENGİZ M., HAYIRLI A.
Türk Veteriner Jinekoloji Derneği VII. Ulusal-I. Uluslararası Kongresi, 12 - 15 October 2017
- XXIV. **Effect of Using Coriandrum sativum L. on the Quality of Fresh White Cheese**
TURGUT T., BARAN A., ERDOĞAN A., ADIGÜZEL M. C.
International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 10 - 12 May 2017
- XXV. **Next Generation DNA Sequencing**
ADIGÜZEL M. C., Demir M. A., BARAN A., ERDOĞAN A., TURGUT T.
19. International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 2 - 04 May 2017
- XXVI. **A New Therapeutic Perspective on Foods: microRNA**
BARAN A., ERDOĞAN A., TURGUT T., ADIGÜZEL M. C.
International Conference on Advances in Natural and Applied Sciences, Turkey, 18 - 21 April 2017, pp.259
- XXVII. **The Investigation of Possible Uses of Nanotechnology in Animal Products**
BARAN A., ERDOĞAN A., ADIGÜZEL M. C., TURGUT T.
International Conference on Advances in Natural and Applied Sciences, 18 - 21 April 2017
- XXVIII. **Evaluation of presence of Staphylococcus aureus and enterotoxigenic properties of isolates by multiplex PCR in meat samples offered for sale in Erzurum Province, Turkey**
BARAN A., TURGUT T., ADIGÜZEL M. C., ERDOĞAN A.
International Conference on Advances and Innovations in Engineering, Elazığ, Turkey, 10 - 12 May 2017
- XXIX. **Potential Approach for Reducing Incidence of Thermophilic Campylobacter in the Poultry Meat**
ADIGÜZEL M. C., BARAN A., ÖZDEMİR S., ATASEVER M.
Uluslararası Hayvansal Gıdalar Kongresi "Sektörle İşbirliği", 10 - 13 November 2016

- XXX. **A Self Evaluation Questionnaire Study on Expreience and Competency of Farm Animal Practitioners About Zoonoses**
KENAR C. N., İKİZ S., ILGU E., ADIGÜZEL M. C., KEKEC A. I., AK S.
Days of Veterinary Medicine 2016 7th International Scientific Meeting, Struga, Macedonia, 22 - 24 September 2016
- XXXI. **Detection of Extended Spectrum β Lactamase and AMPC β Lactamase Producing Escherichia coli Isolates from Chichkens**
BAŞARAN KAHRAMAN B., DİREN SİĞİRCİ B., ÇELİK B., GÜMÜŞ B., METİNER K., ADIGÜZEL M. C., BAĞCIGİL A. F., İKİZ S., ÖZGÜR N. Y., AK S.
Days of Veterinary Medicine 2016 7. International Scientific Meeting, Struga, Macedonia, 22 - 24 September 2016
- XXXII. **Phenotypic and genotypic characterization of quinolone resistance in thermophilic Campylobacter isolates from poultry**
ADIGÜZEL M. C., ÖZGÜR N. Y.
XII. Veteriner Hekimleri Mikrobiyoloji Kongresi, Nevşehir, Turkey, 30 August - 02 September 2016
- XXXIII. **Bir Koyun Yetiştirme Çiftliğinde Ortaya Çıkan Malign Ödem**
GÜLÇUBUK A., HAKTANIR D., METİNER K., KAYAR A., AK S., ADIGÜZEL M. C.
VIII. Ulusal Veteriner Patoloji Kongresi, Samsun, Turkey, 1 - 03 September 2016
- XXXIV. **İnek Sütü Kökenli mikroRNA' lar Laktasyon Performansı ve Mastit için Potansiyel Biomarkörler**
ÖZDEMİR S., ADIGÜZEL M. C., ALTUN S.
VI. Ulusal Veteriner Zootekni Kongresi, Turkey, 1 - 04 June 2016
- XXXV. **İnek Sütü Kökenli MikroRNA'lar: Laktasyon Performansı ve Mastit için Potansiyel Biyomarkörler**
ÖZDEMİR S., ADIGÜZEL M. C., ALTUN S.
6. Ulusal Veteriner Zootekni Kongresi, Turkey, 1 - 04 June 2016
- XXXVI. **PREVALENCE AND ANTIMICROBIAL RESISTANCE OF THERMOPHILIC CAMPYLOBACTER SPECIES ISOLATED FROM RAW MEAT CHICKEN**
BAŞARAN KAHRAMAN B., ISSA G., ADIGÜZEL M. C., KAHRAMAN T., BAYRAKAL G. M., KOLUMAN A.
3rd International Congress Vetİstanbul Group, Saray Bosna, Bosnia And Herzegovina, 17 - 20 May 2016
- XXXVII. **Importance Of Competitive Exclusion In Poultry**
KENAR C., BAŞARAN KAHRAMAN B., ADIGÜZEL M. C., ÇELİK B., DİREN SİĞİRCİ B., HALAÇ B., KEKEÇ I., METİNER K., İKİZ S., BAĞCIGİL A. F., et al.
18th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 26 - 28 April 2016
- XXXVIII. **Antibiotic Resistance In Thermophilic Campylobacter**
ADIGÜZEL M. C., DİREN SİĞİRCİ B., ÇELİK B., BAŞARAN KAHRAMAN B., HALAÇ B., KENAR C., KEKEÇ I., METİNER K., İKİZ S., BAĞCIGİL A. F., et al.
18th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 26 - 28 April 2016
- XXXIX. **Antimicrobial Resistance and Suggestions for Solution**
KEKEÇ I., ÇELİK B., DİREN SİĞİRCİ B., BAŞARAN KAHRAMAN B., ADIGÜZEL M. C., HALAÇ B., KENAR C., METİNER K., İKİZ S., BAĞCIGİL A. F., et al.
18th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 26 - 28 April 2016
- XL. **Control Strategies For Thermophilic Campylobacter Species In Poultry Farm**
ADIGÜZEL M. C., ÇELİK B., DİREN SİĞİRCİ B., BAŞARAN KAHRAMAN B., HALAÇ B., KENAR C., KEKEÇ I., METİNER K., İKİZ S., BAĞCIGİL A. F., et al.
18th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 26 - 28 April 2016
- XLI. **The important of Nanotechnology Against Infectious Disease**
GUMURCINLER B., YILDIZ A. E., ADIGÜZEL M. C.
17th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 28 - 30 April 2015
- XLII. **The comparison of the detection of Bartonella henselae infection via culture molecular and serological diagnostic methods**
DİREN SİĞİRCİ B., BAŞARAN KAHRAMAN B., METİNER K., ÇELİK B., ADIGÜZEL M. C., BAĞCIGİL A. F., İKİZ S., ÖZGÜR N. Y., AK S.
II. International VETİstanbul Group Congress, Saint Peter, Guernsey And Alderney, 7 - 09 April 2015
- XLIII. **Examination of Ampicillin Resistant Enterococci VRE Isolated From Canine and Feline Fecal Swabs**

ÇELİK B., BAĞCIGİL A. F., KOENHEMSİ L., ADIGÜZEL M. C., OR M. E., AK S.

5th International Scientific Meeting Days of Veterinary Medicine, Ohrid, Macedonia, 5 - 07 September 2014

- XLIV. **The Effect Different Storage Temperatures And Times On The Viability Of Helicobacter pullorum**
BAŞARAN KAHRAMAN B., METİNER K., DİREN SİĞİRCİ B., ÇELİK B., ADIGÜZEL M. C., BAĞCIGİL A. F., İKİZ S., ÖZGÜR N. Y., AK S.

Vetistanbul group congress, İstanbul, Turkey, 28 - 30 April 2014, pp.62

- XLV. **Relation between bacterial and somatic cell count in cows milk**

ÇOLAK A., POLAT B., CENGİZ S., CANNAZİK O., ADIGÜZEL M. C.

Days of veterinary medicine 2011, Ohrid, Macedonia, 9 - 11 September 2011

- XLVI. **Relation between bacteria and somatic cell count in cows milk**

ÇOLAK A., POLAT B., CENGİZ S., CANNAZİK O., ADIGÜZEL M. C.

Days of Veterinary Medicine 2011, Ohrid, Macedonia, 9 - 11 September 2011, pp.115

Supported Projects

YENİCE G., ADIGÜZEL M. C., KUTLU Z., YILMAZ E., ÖZ C., ÖZAKAR E., SEVİNÇ ÖZAKAR R., Project Supported by Higher Education Institutions, Çinko Borat Nanopartiküllerinin Yumurtacı Tavuklarda Performans ve İmmun Sistem Üzerine Etkisi, 2023 - Continues

ADIGÜZEL M. C., AYSİN F., TERİM KAPAKİN K. A., CENGİZ S., ÖZAKAR E., SEVİNÇ ÖZAKAR R., Project Supported by Higher Education Institutions, Mycoplasma bovis izolatlarının genotipik karakterizasyonu, 2022 - 2024

Adıgüzel M. C., Cengiz S., Özakar E., Sevinç Özakar R., Aysin F., Sevimli Ü., Erpek Ş. H., Terim Kapakin K. A., TUBITAK Project, Development of inactivated M. bovis vaccine using boron-containing polymeric nanoparticles as adjuvant system: in vivo and in vitro characterizations, 2021 - 2024

ADIGÜZEL M. C., YILDIZ M., Project Supported by Higher Education Institutions, Erzurum İlindeki Kedi ve Köpek Dışkılarında Campylobacter Türlerinin Prevalansının Araştırılması, 2021 - 2023

CENGİZ S., ADIGÜZEL M. C., ÖZ C., Project Supported by Higher Education Institutions, Peptid Nükleik Asitlerin S. aureus Dna'sında Clamp Özelliğinin Belirlenmesi, 2022 - 2022

SAĞLAM Y. S., POLAT B., ADIGÜZEL M. C., Project Supported by Higher Education Institutions, ATAVET II Uluslararası III Ulusal Öğrenci Kongresi, 2021 - 2022

CENGİZ M., TOHUMCU V., OKUR D. T., HAYIRLI A., CENGİZ S., ADIGÜZEL M. C., Project Supported by Higher Education Institutions, Sütçü ineklerde doğum sonrası mineral madde düzeylerinin bakteriyel arınma ve fertilité parametreleri üzerine etkisi, 2020 - 2022

Bolat İ., Sağlam Y. S., Yıldırım S., Adıgüzel M. C., Project Supported by Higher Education Institutions, Zoonoz ve Salgın Hastalıklar Sempozyumu, 2021 - 2021

ADIGÜZEL M. C., CENGİZ S., BARAN A., Project Supported by Higher Education Institutions, Farklı Kaynaklardan İzole Edilmiş E coli Suşlarında Kolistin Direncinden Sorumlu mcr6 İla mcr10 Arasındaki Genlerin Belirlenmesi, 2020 - 2021

CENGİZ S., TERİM KAPAKİN K. A., KAYNAR Ö., ÇİFTÇİ A., ADIGÜZEL M. C., ÖZ C., Project Supported by Higher Education Institutions, Farklı adjuvant konsantrasyonlarının ratlarda immün sistem üzerine etkisinin araştırılması, 2020 - 2021

Öz C., Cengiz S., Adıgüzel M. C., Çiftci A., Terim Kapakin K. A., Kaynar Ö., Project Supported by Higher Education Institutions, 2020 - 2021

ADIGÜZEL M. C., CENGİZ S., BARAN A., Project Supported by Higher Education Institutions, Farklı Kaynaklardan İzole Edilmiş E coli Suşlarında Kolistin Direncinin Fenotipik ve Genotipik Metotlarla İncelenmesi, 2018 - 2020

NALCIOĞLU A. U., TOPU F. B., ELMAS S., ADIGÜZEL M. C., KÖSE M., EJDER APAY S., OZAN C., GÜR E. Y., ÖZSOY D., KIYAK E., et al., Project Supported by Higher Education Institutions, Atatürk Üniversitesi Akademisyenlerinin Yabancı Dil Yeterliliklerinin Geliştirilmesi, 2018 - 2020

CENGİZ S., ADIGÜZEL M. C., Project Supported by Higher Education Institutions, Buzağı ishallerinden izole edilen E.coli suşlarında virulens özelliklerinin ve genetik yakınlıklarının moleküler metotlar ile belirlenmesi, 2017 - 2019

CENGİZ S., ADIGÜZEL M. C., TİMURKAN M. Ö., AYDIN H., Project Supported by Higher Education Institutions, Veteriner Fakültesi Mikrobiyoloji ve Viroloji Anabilim Dalları Laboratuvarlarının Araştırma Alt Yapısının Geliştirilmesi, 2017 - 2018

BARAN A., ADIGÜZEL M. C., YÜKSEL M., Project Supported by Higher Education Institutions, Erzurumda satışa sunulan

tavuk etlerinde GSBL veveya AmpC üreten Escherichia colilerin prevalanslarının belirlenmesi ve enzimlerin tanımlanması, 2017 - 2018

CENGİZ S., ADIGÜZEL M. C., Project Supported by Higher Education Institutions, Pnömonili sığır akciğer örneklerinde Mycoplasma bovis'in PCR ile araştırılması, 2017 - 2018

ADIGÜZEL M. C., CENGİZ S., CENGİZ M., Project Supported by Higher Education Institutions, Metrit Şüpheli Hayvanlardan Alınan Uterus Svaplarının Patojen Bakteriler Yönünden Bakteriyolojik ve Moleküler Metotlarla İncelenmesi ve Antibiyotik Duyarlılıklarının Belirlenmesi, 2017 - 2018

Activities in Scientific Journals

FRONTIERS IN VETERINARY SCIENCES, Article Editor, 2022 - Continues

Metrics

Publication: 97

Citation (WoS): 89

Citation (Scopus): 86

H-Index (WoS): 6

H-Index (Scopus): 5

Scholarships

NEW SOLUTION TO QUINOLONE RESİSTANT CAMPYLOBACTER JEJUNİ ISOLATES: CRISPR-CAS SYSTEM, University, 2019 - 2020

Non Academic Experience

University, Iowa state university, Vet Microbiology & Preventive Medicine

Iowa State University