

Assoc. Prof. Ömer Akgül

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Van Yüzüncü Yil University, Veteriner Fakültesi, Mikrobiyoloji Anabilim Dalı, Turkey 2010 - 2014

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, TAVUK VE MARTI KAYNAKLI ENTEROKOK TÜRLERİNİN ANTİBİYOTİK DİRENÇLİLİĞİNİN FENOTİPİK VE GENOTİPİK ANALİZİ, Van Yüzüncü Yil University, Veteriner Fakültesi, Mikrobiyoloji Anabilim Dalı, 2014

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Pharmaceutical Microbiology

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - Continues

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2016 - 2018

Academic and Administrative Experience

Van Yüzüncü Yil University, Eczacılık Fakültesi, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Investigation of some changes and clonal relationship in enterococci isolates due to relocation of a hospital**

Korkoca H., HAZIROLAN G., Cicek C., Savas S., Akgül Ö., Tanriverdi E. S.

Journal of the Pakistan Medical Association, vol.74, no.4, pp.469-475, 2024 (SCI-Expanded)

- II. **Analysis of antibiotic resistance of KPC-2-positive Klebsiella pneumoniae strains isolated from blood cultures in Van, Turkey.**
Akgül Ö., Körkoca H., Bora G.
European review for medical and pharmacological sciences, vol.28, no.4, pp.1272-1281, 2024 (SCI-Expanded)
- III. **The molecular analysis of antibiotic resistance and identification of the aerobic bacteria isolated from pleural fluids obtained from patients**
Bora G., Akgül Ö., Gülaçar E., Sayır F.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.26, pp.7236-7244, 2022 (SCI-Expanded)
- IV. **Molecular analysis of oxa-48 producing k. pneumoniae strains isolated from patients with catheter-associated sepsis**
Akgül Ö., Bora G.
European review for medical and pharmacological sciences, vol.26, no.20, pp.7724-7731, 2022 (SCI-Expanded)
- V. **Investigation of the gene carriage rates for Staphylococcus aureus, mecA, vanA and nuc genes in the nasal and milk specimens from the sheep caretakers with sheep**
Akgül Ö., Bora G., Güdücüoğlu H.
LARGE ANIMAL REVIEW, vol.27, no.5, pp.259-266, 2021 (SCI-Expanded)
- VI. **The Effects of Asphodel (Asphodelus aestivus Brot.) Rhizome Extract Administration in the Treatment of Thermally Induced Wound in Rats**
ARIHAN O., Akgül Ö., Oto G., YILDIRIM S., Eroğlu H., Bora G.
INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH, vol.55, no.2, pp.491-497, 2021 (SCI-Expanded)
- VII. **Evaluation of acute phase protein levels and some cytokine levels in pneumonic calves**
Akgül Ö., Kozat S., Özkan C., Kaya A., Akgül Y.
MEDYCYNA WETERYNARYJNA-VETERINARY MEDICINE-SCIENCE AND PRACTICE, vol.75, no.3, pp.152-157, 2019 (SCI-Expanded)
- VIII. **Microbiological Analysis of Acute Mastitis in a Van Cat**
Akgül Ö., Kaya A.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.22, no.1, pp.159-162, 2016 (SCI-Expanded)
- IX. **Phenotypic and genotypic analysis for antibiotic resistance of enterococcus species with chicken and gull origin Tavuk ve martı kökenli enterokok türlerinin antibiyotik dirençliliğinin fenotipik ve genotipik analizi**
Akgül Ö., Gülhan T., Güdücüoğlu H.
Ankara Üniversitesi Veteriner Fakültesi Dergisi, vol.63, no.3, pp.235-244, 2016 (SCI-Expanded)
- X. **Serum Homocysteine levels in calves with foot and mouth disease**
Kaya A., Kozat S., Özkan C., Yildirim S., Akgül Y., Akgül Ö.
Journal of Animal and Veterinary Advances, vol.12, no.16, pp.1357-1361, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Microbiological Analysis of Pseudomonas Aeruginosa and Staphylococcus Aureus Strains Isolated From Chronic Wounds**

Akgül Ö., Bora G.

Background: Wounds are classified as acute and chronic according to their clinical course. Although chronic wounds are rare, they can lead to death due to delays in healing. In both types of wounds, colonization with gram positive and gram negative bacteria can be observed. The diagnosis of microorganisms and antibiotic susceptibility profiles are known to be very important in treatment. Material and Method: Swabs were taken from patients diagnosed with chronic wounds in our hospital. The samples were subjected to isolation and identification methods for microbiological analysis. Phenotypic antibiotic susceptibility analysis of each isolate was performed.

Target gene analysis was performed for *Staphylococcus aureus* and *Pseudomonas aeruginosa* strains. Discussion: Acute and chronic wound wounds can cause significant health problems and even death. Especially chronic wounds may cause sepsis due to their delayed healing. Wounds can be colonized with hospital and community-acquired bacteria. Wounds can also be colonized with both gram-positive and gram-negative bacteria. In our study, colonization with *S. aureus* and *P. aeruginosa* was more common. Males were more susceptible than females. Conclusion: The most frequently isolated strains from patients with chronic wounds were *S. aureus* and *P. aeruginosa*. These strains were found to have multiple drug resistance. It was observed that strains with resistance genes posed a serious risk. A good understanding of the profiles of hospital and community-acquired wounds is very important in terms of establishing the correct treatment processes, vol.10, no.7, pp.6832-6836, 2023 (Peer-Reviewed Journal)

- II. **Analysis of Antibiotic Resistance Profiles of Gram Positive Bacteria Isolated from Blood Culture Samples in Patients with Catheter Infection**
Akgül Ö., Bora G.
EASTERN JOURNAL OF MEDICINE, vol.23, no.1, pp.99-106, 2023 (Scopus)
- III. **THE AEROBIC BACTERIA ISOLATED FROM USED COSMETIC PRODUCTS AND EVALUATION OF ANTIBIOTIC RESISTANCE**
Akgül Ö., Bakan K.
J. Fac. Pharm. Ankara, vol.45, no.2, pp.156-168, 2021 (Peer-Reviewed Journal)
- IV. **Phenotypic and Genotypic Analysis of the Antibiotic Resistance Profiles of Gram Negative Bacteria Isolated from the Blood Culture Samples**
Akgül Ö., Bora G., Kuştan A.
EASTERN JOURNAL OF MEDICINE, vol.26, no.2, pp.299-307, 2021 (Peer-Reviewed Journal)
- V. **Evaluation of Antibiotic Resistance Rates of *Klebsiella pneumoniae* Isolated From Patients with Bloodstream Infection**
Akgül Ö.
International Journal of Scientific and Technological Research, vol.6, no.3, pp.73-79, 2020 (Peer-Reviewed Journal)
- VI. **Evaluation of intercellular adhesion molecule-1 (ICAM-1), Tumor necrosis factor ? (TNF-?), Interleukins (IL-6, IL-8) and C-reactive protein (CRP) levels in neonatal calves with presumed septicemia**
Akgül Y., Akgül Ö., Kozat S., Özkan C., Kaya A.
VAN VETERINARY JOURNAL, vol.30, no.3, pp.167-173, 2019 (Peer-Reviewed Journal)
- VII. **Investigation of antibiotic resistance genes of beta-hemolytic and non-hemolytic streptococci with molecular methods**
Bora G., Akgül Ö., Kıymaz E. N.
EASTERN JOURNAL OF MEDICINE, vol.24, no.1, pp.47-52, 2019 (Scopus)
- VIII. **Evaluation of *MecA* gene Occurrence of gram positive bacteria isolated from patients with otitis**
Akgül Ö., ÇETİN Y., Bora G., ÇETİN Y., KAYA M.
Microbiology Research Journal International, vol.26, no.1, pp.1-8, 2018 (Scopus)
- IX. **CORYNEBACTERIUM PSEUDOTUBERCULOSIS INFECTION IN HOLSTEIN DAIRY CATTLE IN VAN PROVINCE**
Akgül Ö., Aslan L., Akgül Y., Ekici P.
International Journal of Current Research, vol.9, no.12, pp.63267-63270, 2017 (Scopus)
- X. **RIEMERELLA ANATIPESTIFER ENFEKSİYONLARI**
Akgül Ö., GÜLHAN T., BOYNUKARA B.
TABİAT VE İNSAN, no.187, pp.37-45, 2014 (Peer-Reviewed Journal)
- XI. **Merinos Irkı Bir Koyunda İç Organ Tutulumlu Kazeöz Lenfadenitis Olgusu. Internal Form of Caseous Lymphadenitis in a Merino-Sheep**
Akgül Ö., İPEK V., KAHRAMAN M., İNAN S., BÜYÜKCANGAZ E., MECİTOĞLU Z., MECİTOĞLU G.
Uludağ Univ. J. Fac. Vet. Med., vol.31, no.2, pp.71-76, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **ANTİBİYOTİKLER VE KULLANIM MEKANİZMALARI**
BORA G., AKGÜL Ö.
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER 2, UZUN YUSUF, ABDULAHAD DOĞAN, ABDULHAMİT BATTAL, Editor, İKSAD, Ankara, pp.28-55, 2023
- II. **SEPSİS VE TEDAVİ YAKLAŞIMLARI**
AKGÜL Ö., BORA G.
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER 2, UZUN YUSUF, ABDULAHAD DOĞAN, ABDULHAMİT BATTAL, Editor, İKSAD, Ankara, pp.5-27, 2023
- III. **BRUSELLA SEROPREVALANSI**
AKGÜL Ö., BORA G., GÜZEL GEZİCİ L.
in: SAĞLIK BİLİMLERİNDE GÜNCEL ARAŞTIRMALAR VE PRATİK BİLGİLER I, UZUN YUSUF, DALAR ABDULLAH, ABDULHAMİT BATTAL, Editor, İKSAD INTERNATIONAL PUBLISHING HOUSE, pp.157-184, 2022
- IV. **ROMATOİD ARTRİT ÖN TANILI HASTALARIN EKLEM SİNOVYAL SIVISININ MİKROBİYOLOJİK AÇIDAN İNCELENMESİ**
AYDIN H., AKGÜL Ö., BORA G.
in: Sağlık Bilimlerinde Güncel Araştırmalar ve Pratik Bilgiler I, UZUN YUSUF, DALAR ABDULLAH, ABDULHAMİT BATTAL, Editor, İKSAD INTERNATIONAL PUBLISHING HOUSE, pp.185-210, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Neonatal Yoğun Bakım Ünitesinde Çoklu Antibiyotik Dirençli Elizabethkingia Meningoseptica Nedenli Bakteriyemi ve Menenjit**
Akgül Ö.
5. International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 18 - 19 December 2020, pp.33-34
- II. **Pnömoni İlişkili Bakteriyemili Hastalarda Streptococcus pneumoniae Prevalansı ve Antibiyotik Direnci**
Akgül Ö.
5. International Medicine and Health Sciences Researches Congress, Ankara, Turkey, 12 - 13 December 2020, pp.388
- III. **Eczacılık Fakültesi Öğrencilerinde Methisilin Dirençli Staphylococcus Aureus (Mrsa) Taşıyıcılığının Araştırılması**
Akgül Ö., Bora G.
7th INTERNATIONAL SYMPOSIUM OF ACADEMIC STUDIES IN HEALTH AND SPORTS, Ankara, Turkey, 15 - 17 November 2019, pp.55
- IV. **Microbiological Examination of Joint Synovial Fluid in Patients With Rheumatoid Arthritis Pre-Diagnosis**
Bora G., AYDIN H., Akgül Ö., Gökalp M. A.
2nd International Medicine and Health Sciences Researches Congress, Şanlıurfa, Turkey, 1 - 03 November 2019, pp.140-141
- V. **Kronik Supuratif Otitis Media (Csom) Hastalardan İzole Edilen P. aeruginosa ve E. coli Türlerinin Antibiyotik Direnç Özelliklerinin Değerlendirilmesi**
Akgül Ö.
2nd International Medicine and Health Sciences Researches Congress, Şanlıurfa, Turkey, 1 - 03 November 2019, pp.109
- VI. **INVESTIGATION OF ANTIMICROBIAL ACTIVITY OF SOME PLANTS AGAINST E. COLI ISOLATED FROM BLOOD CULTURES**
Kuşman T., Dalar A., Akgül Ö., Bora G.

The Fifth International Mediterranean Symposium on Medicinal and Aromatic Plants, Nevşehir, Turkey, 24 - 26 April 2019, pp.29

- VII. **KAN KÜLTÜRLERİNDE SERRATIA MARCESCENS ORANLARI VE ANTİBİYOTİK DUYARLILIKLARININ DEĞERLENDİRİLMESİ**
Akgül Ö., Bora G.
International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.66-71
- VIII. **YOĞUN BAKIM HASTALARINDA VANKOMİSİN DİRENÇLİ ENTEROKOK TÜRLERİNİN VARLIĞI VE ANTİBİYOTİK DUYARLILIKLARININ DEĞERLENDİRİLMESİ**
Akgül Ö., Bora G.
International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.45-51
- IX. **Evaluation of Acute Phase Proteins and Some Cytokine Levels in Pneumonic Calves.**
Kozat S., Özkan C., Akgül Ö.
2nd International Congress on Advances in Bioscience and Biotechnology,, 26 - 30 June 2018, pp.3
- X. **Metisilin Dirençli Staphylococcus aureus (MRSA) suşlarında Eksfoliatif Toksin A,B,D Toksik şok sendromu Toksin ve Panton -valentine Leukosidin (PVL) Genlerinin araştırılması**
Akgül Ö., Bora G., Güdücüoğlu H.
I. Uluslararası Sağlık Bilimleri Kongresi, Aydın, Turkey, 29 June - 01 July 2017, pp.699
- XI. **0-11 Yaş Grubu Çocuklarda İdrar Kültürlerinden İzole Edilen Bakteriler ve İn vitro Antibiyotik Duyarlılığı**
AKGÜL Ö., Bora G., AYDIN H., KUŞTAN A.
2. ULUSLARARASI LİSANSÜSTÜ EĞİTİM KONGRESİ, Manisa, Turkey, 12 - 14 May 2017, vol.Özel Sayı, pp.990
- XII. **Bölgemizde Hepatit B Enfeksiyonu Seroprevalansı**
AKGÜL Ö., Aydın H., Bora G., Kuştan A.
2. ULUSLARARASI LİSANSÜSTÜ EĞİTİM KONGRESİ, Manisa, Turkey, 12 - 14 May 2017, vol.Özel Sayı, pp.897
- XIII. **İnsanlarda Çeşitli Klinik Örneklerden İzole Edilen Klebsiella Türleri ve Kolistin Direnç Profilleri**
Akgül Ö., Bora G., Güdücüoğlu H.
I. Uluslararası Sağlık Bilimleri Kongresi, Aydın, Turkey, 26 - 29 April 2017, no.422, pp.699
- XIV. **BETA HEMOLİTİK VE NON HEMOLİTİK STREPTOKOKLARDA ANTİBİYOTİK DİRENÇ GENLERİNİN İNCELENMESİ**
Bora G., AKGÜL Ö., KIYMAZ E.
3. ULUSLARARASI İLAÇ VE ECZACILIK KONGRESİ, İstanbul, Turkey, 26 - 29 April 2017, vol.Özel Sayı, pp.137
- XV. **MARTI KAYNAKLI ENTEROKOK TÜRLERİNİN ANTİBİYOTİK DİRENÇLİLİĞİNİN GENOTİPİK ANALİZİ**
Akgül Ö., GÜLHAN T., Güdücüoğlu H., OTLU B., Aslan L.
I. YABAN HAYVANLARI KONGRESİ, Van, Turkey, 27 - 30 May 2015, vol.1, pp.71
- XVI. **Solunum Güçlüğü Çeken Bir Buzağıda Pyonefrozis Olgusu**
Akgül Ö., ÇITAK S., İPEK V., TOPAL O.
7.Ulusal Veteriner Patoloji Kongresi, Kars, Turkey, 8 - 10 September 2014, vol.7, pp.96
- XVII. **Serum Homocysteine Levels in Calves with Foot-and-Mouth Disease**
Kaya A., Kozat S., Özkan C., Akgül Y., Yıldırım S., Akgül Ö.
XXI International Congress of the Mediterranean Federation for Health and Production of Ruminants (FeMeSprum), Cartagena, Spain, 23 - 25 April 2014, pp.166
- XVIII. **MERİNOS İRKi BİR KOYUNDA İÇ ORGAN TUTULUMLU KAZEÖZ LENFADENİTİS (KLA) OLGUSU**
Akgül Ö., BÜYÜKCANGAZ E., MECİTOĞLU G., KAHRAMAN M., İNAN S., İPEK V., MECİTOĞLU Z.
6. PATOLOJİ KONGRESİ, Aydın, Turkey, 19 - 23 September 2012, vol.6, pp.80

Supported Projects

Akgül Ö., Bora G., Güdücüoğlu H., Project Supported by Higher Education Institutions, Koyun Bakıcıları ile Koyunlara Ait Nazal ve Süt Örneklerinde Staphylococcus aureus mecA vanA ve nuc geni Taşıyıcılık Oranının PCR Yöntemiyle Araştırılması, 2018 - 2020

Akgül Ö., Project Supported by Higher Education Institutions, Eczacılık Fakültesi Farmasötik Mikrobiyoloji PCR Laboratuvarında Altyapının Geliştirilmesi, 2018 - 2019

Arihan O., Bora G., Eroğlu H., YILDIRIM S., Oto G., Akgül Ö., Project Supported by Higher Education Institutions, Sıçanlarda termal yolla oluşturulan yaranın sağaltımında Çiriş otu *Asphodelus aestivus* L rizomu bitki ekstresi uygulamasının etkileri, 2017 - 2018

Akgül Y., Özkan C., Kozat S., Kaya A., Akgül Ö., YILMAZ N., Project Supported by Higher Education Institutions, Septisemi Şüpheli Buzağalarda Serum İnterselüler Adezyon Molekülü-1 (ICAM-1) Düzeylerinin Araştırılması, 2015 - 2017

Kozat S., Özkan C., Kaya A., Akgül Y., Akgül Ö., Project Supported by Higher Education Institutions, Buzağı Pnömonilerinde Akut Faz Protein ve Sitokin Düzeylerinin Değerlendirilmesi, 2015 - 2017

Metrics

Publication: 48

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Citation (Scopus): 6

H-Index (WoS): 1

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