

## Assoc. Prof. BELGİN ALTUN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-1394-2012

Yoksis Researcher ID: 220437

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Mikrobiyoloji Anabilim Dalı, Turkey 2001 - 2006

Postgraduate, Istanbul University, Health Sciences Institute, Mikrobiyoloji Anabilim Dalı, Turkey 1993 - 1996

Undergraduate, Istanbul University, Cerrahpaşa Tıp Faültesi, Tıbbi Biyolojik Bilimler, Turkey 1988 - 1992

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Health&Medicine, KTÜ Sterilizasyon Okulu, Sağlık Bakanlığı, 2018

### Dissertations

Doctorate, Koroner Arter Hastalıklarının Patogenezinde viral etkenlerin Rolü, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Mikrobiyoloji Anabilim Dalı, 2006

Postgraduate, Kinolon Grubu Antibiyotiklerin Çeşitli Muayene Maddelerinden İzole Edilen Bakterilere Etkisi, İstanbul Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji Anabilim Dalı, 1996

### Research Areas

Health Sciences

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Hizmetleri Meslek Yüksekokulu, Dezenfeksiyon, Sterilizasyon ve Antisepsi, 2018 - Continues

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

- I. **Detection of vancomycin-resistant enterococci in samples from broiler flocks and houses in Turkey**  
Unal N., Bal E., Karagoz A., ALTUN B., KOÇAK N.  
ACTA VETERINARIA HUNGARICA, vol.68, no.2, pp.117-122, 2020 (SCI-Expanded)
- II. **Prevalence of O25b-ST131 clone and fosfomycin resistance in urinary Escherichia coli isolates and their relation to CTX-M determinant**  
Demirci-Duarte S., Unalan-Altintop T., Koseoglu E., Cakar A., Altun B., Sancak B., Gur D.  
DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE, vol.98, no.1, 2020 (SCI-Expanded)
- III. **Comparative in vitro activity of plazomicin and older aminoglycosides against Enterobacterales isolates; prevalence of aminoglycoside modifying enzymes and 16S rRNA methyltransferases**  
GÜR D., Hasdemir U., ÇAKAR A., Cavusoglu I., Celik T., Aksu B., SANCAK B., ALTUN B., Soyletir G., ÜLGER N., et al.  
DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE, vol.97, no.4, 2020 (SCI-Expanded)
- IV. **Results from the Survey of Antibiotic Resistance (SOAR) 2015-17 in Turkey: data based on CLSI, EUCAST (dose-specific) and pharmacokinetic/pharmacodynamic (PK/PD) breakpoints**  
Torumkuney D., Tunger A., Sancak B., Bicakçigil A., Altun B., Aktas Z., Kayacan C., Morrissey I.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.75, pp.88-99, 2020 (SCI-Expanded)
- V. **Presence of OXA-48 Gene in a Clinical Isolate of *Lactobacillus rhamnosus***  
Hazırolan G., Gündoğdu A., Nigiz Ş., Altun B., Gür D.  
Foodborne pathogens and disease, vol.16, no.12, pp.840-843, 2019 (SCI-Expanded)
- VI. **Streptococcus mitis/oralis Causing Blood Stream Infections in Pediatric Patients**  
Basaranoglu S. T., ÖZSÜREKÇİ Y., Aykac K., AYCAN A. E., BIÇAKÇIGİL A., ALTUN B., SANCAK B., CENGİZ A. B., KARA A., CEYHAN M.  
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.72, no.1, pp.1-6, 2019 (SCI-Expanded)
- VII. **Human bone marrow mesenchymal stem cells secrete endocannabinoids that stimulate in vitro hematopoietic stem cell migration effectively comparable to beta-adrenergic stimulation**  
KOSE S., AERTS-KAYA F. S. F., Kopru C. Z., NEMUTLU E., Koskonmaz B., KARAOSMANOĞLU B., TASKIRAN E. Z., ALTUN B., CETINKAYA D. U., KORKUSUZ P.  
EXPERIMENTAL HEMATOLOGY, vol.57, pp.30-41, 2018 (SCI-Expanded)
- VIII. **Results from the Survey of Antibiotic Resistance (SOAR) 2011-13 in Turkey**  
Soyletir G., Altinkanat G., GÜR D., ALTUN B., TÜNGER A., AYDEMİR S. Ş., Kayacan C., Aktas Z., Gunaydin M., Karadag A., et al.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.71, pp.71-83, 2016 (SCI-Expanded)
- IX. **Growing OXA-23 type strains among carbapenem-resistant Acinetobacter baumannii and tigecycline as an alternate combination therapy**  
ALTUN S., Kocak Tufan Z., ALTUN B., ÖNDE U., KINIKLI S., DEMİRÖZ A. P.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.6, pp.1894-1899, 2016 (SCI-Expanded)
- X. **Molecular characterization of NDM-1-producing Acinetobacter pittii isolated from Turkey in 2006**  
Roca I., MOSQUEDA N., ALTUN B., ESPİNAL P., AKOVA M., VILA J.  
JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY, vol.69, no.12, pp.3437-3438, 2014 (SCI-Expanded)
- XI. **Evaluation of periodontal pathogens in amniotic fluid and the role of periodontal disease in pre-term birth and low birth weight**  
Ercan E., ERATALAY K., DEREN Ö., GÜR D., Ozyuncu O., ALTUN B., KANLI C., ÖZDEMİR P., AKINCIBAY H.  
ACTA ODONTOLOGICA SCANDINAVICA, vol.71, pp.553-559, 2013 (SCI-Expanded)
- XII. **The genotype frequencies of IL28B polymorphisms (rs12979860, rs8099917) among Turkish patients with hepatitis C**  
Simsek H., ALP A., Yilmaz B., Balaban Y. H., ALTUN B., UZUN Ö., Hascelik G., Tatar G.  
EUROPEAN JOURNAL OF GASTROENTEROLOGY & HEPATOLOGY, vol.24, no.9, pp.1113-1115, 2012 (SCI-Expanded)
- XIII. **Panton-Valentine leukocidin and some exotoxins of Staphylococcus aureus and antimicrobial susceptibility profiles of staphylococci isolated from milks of small ruminants**  
Unal N., Askar S., Macun H. C., Sakarya F., ALTUN B., Yildirim M.

TROPICAL ANIMAL HEALTH AND PRODUCTION, vol.44, no.3, pp.573-579, 2012 (SCI-Expanded)

- XIV. **Antimicrobial Resistance Profiles of Shigella spp. Isolated from Feces Samples in Hacettepe University Ihsan Dogramaci Children's Hospital Between 1999-2010**  
ALTUN B., GÜR D.  
MIKROBIYOLOJİ BULTENİ, vol.45, no.4, pp.609-616, 2011 (SCI-Expanded)
- XV. **Antimicrobial Resistance Profiles of Shigella spp. Isolated from Feces Samples in Hacettepe University Ihsan Dogramaci Children's Hospital Between 1999-2010**  
ALTUN B., GÜR D.  
Mikrobiyoloji Bulteni, vol.45, pp.609-616, 2011 (SCI-Expanded)
- XVI. **EPIDEMIOLOGICAL AND MOLECULAR CHARACTERISTICS OF HOSPITAL-ACQUIRED METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS STRAINS ISOLATED IN HACETTEPE UNIVERSITY ADULT HOSPITAL IN 2004-2005**  
Akoglu H., ZARAKOLU P., ALTUN B., ÜNAL S.  
MIKROBIYOLOJİ BULTENİ, vol.44, no.3, pp.343-355, 2010 (SCI-Expanded)
- XVII. **Galactomannan on the stage: prospective evaluation of the applicability in routine practice and surveillance**  
TANRIÖVER M., ASCIOĞLU S., ALTUN B., UZUN Ö.  
MYCOSES, vol.53, no.1, pp.16-25, 2010 (SCI-Expanded)
- XVIII. **Antimicrobial susceptibility, inducible macrolide-lincosamide-streptogramin B, and clonal diversity patterns of nosocomial methicillin-resistant Staphylococcus aureus strains isolated in Hacettepe University adult hospital**  
ZARAKOLU P., Metan G., ALTUN B., HASCELİK G., ÜNAL S.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.5, pp.783-789, 2009 (SCI-Expanded)
- XIX. **In Vitro Activity of Tigecycline Against Brucella spp.**  
ALTUN B., HASÇELİK A. G., GÜR D.  
Trakya Universitesi Tıp Fakültesi Dergisi, vol.26, pp.261-263, 2009 (SCI-Expanded)
- XX. **First vancomycin-resistant blood isolate of Enterococcus faecium in a children's hospital and molecular analysis of the mechanism of resistance**  
ALTUN B., Cengiz A. B., KARA A., CEYHAN M., Uenal S., Secmeer G., GÜR D.  
TURKISH JOURNAL OF PEDIATRICS, vol.50, no.6, pp.554-558, 2008 (SCI-Expanded)
- XXI. **A Chryseobacterium meningosepticum outbreak observed in 3 clusters involving both neonatal and non-neonatal pediatric patients**  
CEYHAN M., Yildirim I., Tekeli A., YURDAKÖK M., Us E., ALTUN B., Kutluk T., Cengiz A. B., Gurbuz V., Barin C., et al.  
AMERICAN JOURNAL OF INFECTION CONTROL, vol.36, no.6, pp.453-457, 2008 (SCI-Expanded)
- XXII. **First vancomycin-resistant blood isolate of Enterococcus faecium in a children's hospital and molecular analysis of the mechanism of resistance**  
ALTUN B., CENGİZ A. B., KARA A., CEYHAN M., ÜNAL S., SEÇMEER G., GÜR D.  
Turkish Journal Of Pediatrics, vol.50, pp.554-558, 2008 (SCI-Expanded)
- XXIII. **Investigation of herpes group and hepatitis A virus nucleic acids in the atherome plaque samples of patients with coronary arterial disease**  
ALTUN B., ROTA S., DEMİRCİN M., RESATOĞLU A., YENER A., BOZDAYI G.  
MIKROBIYOLOJİ BULTENİ, vol.41, no.4, pp.537-544, 2007 (SCI-Expanded)
- XXIV. **The frequency of PER-1 type extended spectrum beta-lactamases in nosocomial isolates-of Pseudomonas aeruginosa**  
ZARAKOLU P., METAN G., AYDIN N. G., ALTUN B., HASÇELİK A. G., AKOVA M.  
MIKROBIYOLOJİ BULTENİ, vol.41, no.3, pp.363-367, 2007 (SCI-Expanded)
- XXV. **Molecular epidemiology of penicillin resistant Streptococcus pneumoniae strains in Turkey. A multicenter study**  
ALTUN B., Gur D., KOCAGOZ S., HASCELİK G., Unal S.  
ANNALS OF MICROBIOLOGY, vol.56, no.3, pp.185-190, 2006 (SCI-Expanded)
- XXVI. **A cluster of nosocomial Klebsiella oxytoca, bloodstream infections in a university hospital**

ŞARDAN Y. Ç., Zarakolu P., Altun B., YİLDİRİM A., YİLDİRİM G., Hascelik G., Uzun O.  
INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY, vol.25, no.10, pp.878-882, 2004 (SCI-Expanded)

XXVII. **Stenotrophomonas maltophilia as a nosocomial pathogen**

Eser Ö., Şener B., Gülmez Kıvanç D., Altun B., Gür D.  
New Microbiologica, vol.27, pp.273-279, 2004 (SCI-Expanded)

XXVIII. **In vitro activities of new quinolones against Brucella melitensis isolated in a tertiary-care hospital in Turkey**

Kocagoz S., Akova M., Altun B., Gur D., Hascelik G.  
CLINICAL MICROBIOLOGY AND INFECTION, vol.8, no.4, pp.240-242, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Antibiotic Susceptibilities of Anaerobic Bacteria Isolated From Patients With Chronic Periodontitis**  
Tunckanat F., SANCAK B., Altun B., DURSUN E., AKDOĞAN KITTANA F. N.  
KLİMİK JOURNAL, vol.32, no.3, pp.240-244, 2019 (ESCI)
- II. **Antibiotic Resistance Distribution of Gram-Negative Urinary Tract Infectious Agents: Single Center Experience**  
KÖMÜRLÜOĞLU A., AYKAÇ K., ÖZSÜREKÇİ Y., TANIR B. S., BIÇAKÇIĞİL A., LİSTE Ü., ALTUN B., SANCAK B., CENGİZ A. B., KARA A., et al.  
Turkish Journal of Pediatric Disease, vol.12, pp.10-17, 2018 (Peer-Reviewed Journal)
- III. **Serotype Distribution and Antibiotic Susceptibility Patterns of Respiratory Isolates of Streptococcus pneumoniae from Hacettepe University Adult Hospital**  
ALTUN B., SANCAK B., GÜR D.  
Türk Mikrobiyoloji Cemiyeti Dergisi, vol.48, pp.228-234, 2018 (Peer-Reviewed Journal)
- IV. **Antimicrobial Resistance in Haemophilus Influenzae Strains Isolated From Various Clinical Samples in Hacettepe University Children's Hospital (2002-2007)**  
ALTUN B., GÜR D.  
JOURNAL OF PEDIATRIC INFECTION, vol.2, no.2, pp.50-54, 2008 (ESCI)
- V. **Ampisilin ve sulbaktamın farklı kombinasyonlarının Streptococcus pneumoniae 8217ye karşı zamana bağlı bakterisidal etkinliği**  
ALTUN B., GÜR D.  
ANKEM Dergisi, vol.22, pp.117-122, 2008 (Peer-Reviewed Journal)
- VI. **Hacettepe Üniversitesi Çocuk Hastanesi 8217nde klinik örneklerden izole edilen haemophilus influenzae suşlarının antibiyotiklere direnç durumu (2002-2007)**  
ALTUN B., GÜR D.  
Çocuk Enfeksiyon Dergisi, vol.2, pp.50-54, 2008 (Peer-Reviewed Journal)
- VII. **False positivity for Aspergillus antigenemia related to the administration of piperacillin/tazobactam.**  
TANRIÖVER M., METAN G., ALTUN B., Hascelik G., UZUN Ö.  
European journal of internal medicine, vol.16, no.7, pp.489-91, 2005 (Scopus)
- VIII. **Olgu sunumu: Vankomisine dirençli enterokoka bağlı bir hastane enfeksiyonu**  
FIŞGIN N. T., DARKA Ö., SÜNBÜL M., ÇOBAN A. Y., SARIKAYA H., ALTUN B., DURUPINAR B., LEBLEBİCİOĞLU H.  
Mikrobiyoloji Bulteni, vol.39, pp.351-355, 2005 (Scopus)
- IX. **Yoğun Bakım Ünitelerinde Enfeksiyon Etkeni olan Gram Negatif Bakterilerin Değerlendirilmesi**  
ESER Ö., ERGİN M. A., KOCAGÖZ A. S., ALTUN B., HASÇELİK A. G.  
İnfeksiyon Dergisi, 2004 (Peer-Reviewed Journal)
- X. **Meram Tıp Fakültesinde İzole Edilen İlk Glikopeptid Dirençli Entrococcus faecium Suşu:**  
İNCİ T., ALTUN B., REİSLİ İ., KÖKSAL Y., KAYA M., ARSLAN U.  
ANKEM, vol.17, pp.405-408, 2003 (Peer-Reviewed Journal)
- XI. **Çeşitli Hastanelerde İzole Edilen Stafilokok Suşlarının Fusidik Asit ve Sık Kullanılan Diğer**

## Antibiyotiklere Duyarlılıkları

ALTUN B., KOCAGÖZ A. S., HASÇELİK A. G., UZUN Ö., AKOVA M., ÜNAL S.

Türk Mikrobiyoloji Cemiyeti Dergisi, vol.33, pp.8-11, 2003 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Kan izolatu Lactobacillus rhamnosus dikkate alınmalı mı? Hacettepe Üniversitesi Hastanesinde izole edilen, dünyada ilk kez bildirilen OXA-48 pozitif bir L. rhamnosus olgusu**  
HAZIROLAN G., GÜNDOĞDU A., ceylan f., METAN G., ALTUN B., GÜR D., ÜNAL S.  
Uluslararası XXXVIII Türk Mikrobiyoloji Kongresi, Starlight Hotel Convention Center, Antalya, Turkey, 4 - 08 November 2018
- II. **Investigation of O25B-ST131 clone, H30-RX subclones and BLA CTX-M in urinary Escherichia coli isolates at Hacettepe University hospitals. Uluslararası 38. Türk Mikrobiyoloji Kongresi 4-8 Kasım 2018, Antalya. Sözlü Bildiri no.SS-58.**  
DEMİRCİ S., ÜNALAN E. T., ÇAKAR A., ESER Ö., ALTUN B., SANCAK B., GÜR D.  
international XXXVIII. Turkish Microbiology Congress, 4 - 08 November 2018
- III. **Periodontitli hastalardan izole edilen anaerob bakterilerin antibiyotik duyarlılıklarının saptanması**  
TUNÇKANAT F. F., SANCAK B., ALTUN B., dursun e., AKDOĞAN KITTANA F. N.  
33. ANKEM Kongresi, Muğla, Turkey, 2 - 06 May 2018
- IV. **Investigation of antibiotic susceptibility in anaerobic bacteria isolated from patients with periodontitis**  
TUNÇKANAT F. F., TUNCER Ö., SANCAK B., altun b., DURSUN E., AKDOĞAN KITTANA F. N.  
10th Balkan Congress of Microbiology, Sofya, Bulgaria, 16 - 18 November 2017
- V. **SALMONELLA GRUP D'NİN NEDEN OLDUĞU SEPTİK ARTRİT OLGUSU**  
KARDAŞ R. C., BIÇAKCIGİL A., ERDUT A., ÇİÇEK M., LİSTE Ü., ALTUN B., İNKAYA A. Ç., SANCAK B., AKOVA M.  
4 ULUSAL KLİNİK MİKROBİYOLOJİ KONGRESİ, Turkey, 8 - 12 November 2017

## Supported Projects

ALTUN B., GÜR D., HAZIROLAN G., Project Supported by Higher Education Institutions, Probiyotik Ürünlerde Bulunan Laktobasillus spp de Antibiyotik Direnç Genlerinin Araştırılması, 2019 - 2024

ALTUN B., ÇAKAR A., GÜR D., Project Supported by Higher Education Institutions, E coli ve Klebsiella spp izolatlarında aminoglikozid ve florokinolon direncine yol açan genlerin belirlenmesi, 2018 - 2020

## Metrics

Publication: 46

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