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Education Information

Expertise In Medicine, Marmara University, School of Medicine, Basic Medical Sciences, Turkey 1990 - 1993

Undergraduate, Ankara University, Tıp Fakültesi, Turkey 1982 - 1988

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2004 - Continues

Research Assistant PhD, Marmara University, School of Medicine, Basic Medical Sciences, 1990 - 1993

Academic and Administrative Experience

Marmara University, School of Medicine, 2009 - 2011

Advising Theses

Karahasan A., İdrar kültürüne bütüncül yaklaşım: Kontaminasyon oranı düşürülebilir mi?, Expertise In Medicine, E.FİDAN(Student), 2021

Karahasan A., Biofire filmarray solunum panelinin solunum yolu enfeksiyonlarının tanısındaki etkinliğinin değerlendirilmesi, Expertise In Medicine, N.DUMAN(Student), 2021

Karahasan A., Keratokonjonktivit ön tanılı hastalardan izole edilen adenovirüs suşlarının alt tiplendirilmesi, Postgraduate, A.GÜNER(Student), 2020

KARAHASAN A., Kistik fibroz hastalarının solunum yolu örneklerinden Pseudomonas aeruginosa saptanmasında, konvansiyonel kültür yöntemi ile moleküler yöntemlerin karşılaştırılması, Postgraduate, S.SEVİLAY(Student), 2018

KARAHASAN A., Yenidoğan yoğun bakım ünitesinde el hijyeni uyumu ve enfeksiyon epidemiyolojisine etkisi, Postgraduate, G.ALÇI(Student), 2018

KARAHASAN A., Solunum yollarından izole edilen pseudomonas, aspergillus ve candida suşlarının virülans faktörlerinin araştırılması, Postgraduate, B.NAZLI(Student), 2016

KARAHASAN A., Çoklu ilaca dirençli (ÇİD) klinik izolatlarda biyofilm oluşumu ve biyosidal aktivite saptama, Postgraduate, B.SEBİT(Student), 2015

KARAHASAN A., Normal deri florasından ve akne vulgaris hastalarından izole edilmiş propionibacterium acnes suşlarında virülans faktörlerinin, quorum sensing(QS) sisteminin ve QS inhibitörlerinin etkisinin araştırılması, Expertise In Medicine, A.SARMIŞ(Student), 2014

KARAHASAN A., Pseudomonas aeruginosa suşlarının çevreyi algılama sistemine fenolik maddelerin etkisinin araştırılması, Expertise In Medicine, A.UĞURLU(Student), 2013

KARAHASAN A., Kan ve solunum yolu örneklerinden izole edilen acinetobacter baumannii suşlarının fenotipik ve genotipik yöntemlerle karşılaştırılması, Expertise In Medicine, P.Bekdemir(Student), 2011

KARAHASAN A., Üriner sistem enfeksiyonlarından izole edilen pseudomonas aeruginosa suşlarında yeterli çoğunluk algılanması (Quorum sensing)'nın belirlenmesi, Postgraduate, S.ŞENTÜRK(Student), 2011

Yağcı A., Staphylococcus Aureus suşlarında biyofilm oluşumu ve panton-valentine lökositin varlığının araştırılması, Postgraduate, N.Aktaş(Student), 2010

Yağcı A., Solunum sistemi enfeksiyonlarında izole edilen pseudomonas aeruginosa suşlarının virülans faktörlerinin fenotipik ve genotipik yöntemlerle belirlenmesi, Expertise In Medicine, O.Karatuna(Student), 2008

Yağcı A., Yıkanmış balgam örneklerinin direkt inceleme ve kantatif kültürünün alt solunum yolu enfeksiyonlarının tanısındaki değerinin incelenmesi, Expertise In Medicine, N.Ziyade(Student), 2007

KARAHASAN A., Kandidemi olgularından izole edilen candida türlerinin virülans faktörlerinin araştırılması, Postgraduate, R.GÜLÇE(Student), 2006

KARAHASAN A., Pediatri servisinde yatan hastalarda genişlemiş spektrumlu beta laktamaz üreten klebsiella pneumoniae kolonizasyonunun epidemiyolojisi, Expertise In Medicine, S.DEMİR(Student), 2004

Yağcı A., Toplumda kazanılmış metisiline dirençli staphylococcus aureus kolonizasyonunun epidemiyolojisi, Postgraduate, H.Şahin(Student), 2003

KARAHASAN A., Klinik örneklerden izole edilen pseudomonas aeruginosa kökenlerinin proteaz aktivitelerinin (elastaz ve alkali proteaz) değişik yöntemlerle gösterilmesi, Expertise In Medicine, Y.TÜÇ(Student), 2000

KARAHASAN A., Hastanede yatan hastalarda vankomisin ve yüksek düzey aminoglikozid dirençli enterokok kolonizasyonunun araştırılması, Postgraduate, M.EKTİ(Student), 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of immunization with inactivated SARS-CoV-2 vaccine (CoronaVac) and/or SARS-CoV-2 infection on antibody levels, plasmablasts, long-lived-plasma-cells, and IFN-gamma release by natural killer cells**
Bilgin H., Marku M., Yilmaz S. S., Karahasan Yagci A., Sili U., Can B., Can Sarinoglu R., Mulazimoglu Durmusoglu L., Haklar G., Sirikci O., et al.
VACCINE, vol.40, no.18, pp.2619-2625, 2022 (SCI-Expanded)
- II. **Incidence of MIS-C and the Comorbidity Scores in Pediatric COVID-19 Cases.**
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- III. **COVID-19 disease characteristics in different pediatric age groups**
KEPENEKLİ KADAYİFCİ E., YAKUT N., Ergenc Z., Aydinler O., Sarinoglu R. C., KARAHASAN A., Karakoc-Aydiner E., MEMİŞOĞLU A., GÖKDEMİR Y., ERDEM ERALP E., et al.
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- IV. **Comparison of intravenous and non-intravenous antibiotic regimens in eradication of P. aeruginosa and MRSA in cystic fibrosis.**
Mursaloğlu H. H., Akin C., Yılmaz Yeğit C., Ergenekon A. P., Uzunoglu B. S., Taştan G., Gökdemir Y., Erdem Eralp E., Karahasan Yağcı A., Karakoç F., et al.
Pediatric pulmonology, vol.56, no.12, pp.3745-3751, 2021 (SCI-Expanded)
- V. **Cumulative Antimicrobial Susceptibility Data of Pseudomonas Aeruginosa Isolates from Cystic Fibrosis Patients: 4-Year Experience**

FİDAN E., Alci G., Koldas S. S., GÖKDEMİR Y., KARADAĞ B. T., ERDEM ERALP E., KARAHASAN A.

JOURNAL OF PEDIATRIC INFECTIOUS DISEASES, vol.16, pp.242-246, 2021 (SCI-Expanded)

- VI. **The Association of Thyroid Hormone Changes with Inflammatory Status and Prognosis in COVID-19**
Dincer Yazan C., Ilgin C., Elbasan O., Apaydin T., Dashdamirova S., Yigit T., Sili U., Karahasan Yagci A., Sirikci Ö., Haklar G., et al.
INTERNATIONAL JOURNAL OF ENDOCRINOLOGY, vol.2021, 2021 (SCI-Expanded)
- VII. **Differences between radiological findings of COVID-19 and non-COVID-19 infections in pediatric patients.**
KUZAN B. N., ASLAN B., Kuzan T. Y., Yagci A., ÇİMŞİT N. Ç.
World journal of pediatrics : WJP, vol.17, pp.79-84, 2021 (SCI-Expanded)
- VIII. **Comparison of SARS-COV-2 antibody assays in PCR negative and PCR positive Turkish patients**
Karahasan Yagci A., Can Sarinoğlu R., Can B., Bilgin H., Çimşit N. Ç., Korten V.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.5, pp.2795-2797, 2021 (SCI-Expanded)
- IX. **Relationship of the cycle threshold values of SARS-CoV-2 polymerase chain reaction and total severity score of computerized tomography in patients with COVID 19**
Yagci A., Sarinoglu R. C., Bilgin H., Yanilmaz O., Sayin E., Güneşer D., Guncu M. M., Doyuk Z., Can B., Kuzan B. N., et al.
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.101, pp.160-166, 2020 (SCI-Expanded)
- X. **A review of treatment regimens at first isolation of PA in a single cystic fibrosis center**
Mursaloglu H. H., Akin C., Yilmaz C., Ergenekon P., GÖKDEMİR Y., ERDEM ERALP E., Karakoc F., KARAHASAN A., Karadag B. T.
EUROPEAN RESPIRATORY JOURNAL, vol.56, 2020 (SCI-Expanded)
- XI. **The Effects of Nebulizer Cleaning and Disinfection Training On The Knowledge Levels and Practises of the Caregivers of Patients with Cystic Fibrosis**
Yegit C. Y., Ergenekon P., Mursaloglu H., Tastan G., Uzunoglu B. S., GÖKDEMİR Y., ERDEM ERALP E., Duman N., KARAHASAN A., Karakoc F., et al.
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- XII. **Predictors of eradication failure at first isolation of MRSA in cystic fibrosis patients**
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- XIII. **Tuberculosis and COVID-19: An overlapping situation during pandemic**
Sarinoglu R. C., Sili U., Eryuksel E., Olgun Yıldızeli Ş., Cimsit C., Yagci A.
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- XIV. **Xpert MTB/Ultra assay: Handle with care**
Sarinoğlu R., Duman N., Ünlü N., Yıldızeli S., Yagci A.
Journal of Infection, vol.80, no.3, pp.350-371, 2020 (SCI-Expanded)
- XV. **Helicobacter pylori prevalence and relation with obesity**
Ozdemir S. H., Aksu C., Ozden E., Narman I., Varlik S., Aksu B., KASIMAY ÇAKIR Ö., Yagci A.
INDIAN JOURNAL OF PATHOLOGY AND MICROBIOLOGY, vol.60, no.3, pp.451-452, 2017 (SCI-Expanded)
- XVI. **Phenolic compounds affect production of pyocyanin, swarming motility and biofilm formation of Pseudomonas aeruginosa**
Ugurlu A., Yagci A., ULUSOY S., Aksu B., Bosgelmez-Tinaz G.
ASIAN PACIFIC JOURNAL OF TROPICAL BIOMEDICINE, vol.6, no.8, pp.698-701, 2016 (SCI-Expanded)
- XVII. **High-Level Genetic Diversity among Invasive Streptococcus pneumoniae Isolates in Turkey.**
Guldemir D., Acar S., Olgun S., Unaldi O., Gozalan A., Ertek M., Durmaz R., Invasive P.
Japanese journal of infectious diseases, vol.69, pp.207-12, 2016 (SCI-Expanded)
- XVIII. **Prevalence of rotavirus genotypes in children younger than 5 years of age before the introduction of a universal rotavirus vaccination program: Report of Rotavirus Surveillance in Turkey**
Durmaz R., Kalaycioglu A. T., Acar S., Bakkaloglu Z., Karagoz A., Korukluoglu G., Ertek M., Torunoglu M. A., Gokahmetoglu S., Ozturk A., et al.
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- XIX. **Panton-Valentine leukocidin and biofilm production of *Staphylococcus aureus* isolated from respiratory tract**
Aktas N. C., Erturan Z., Karatuna O., Yagci A.
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.7, no.11, pp.888-891, 2013 (SCI-Expanded)
- XX. **Quorum sensing and virulence of *Pseudomonas aeruginosa* during urinary tract infections**
Senturk S., ULUSOY S., Bosgelmez-Tinaz G., Yagci A.
JOURNAL OF INFECTION IN DEVELOPING COUNTRIES, vol.6, no.6, pp.501-507, 2012 (SCI-Expanded)
- XXI. **Analysis of quorum sensing-dependent virulence factor production and its relationship with antimicrobial susceptibility in *Pseudomonas aeruginosa* respiratory isolates**
Karatuna O., Yagci A.
CLINICAL MICROBIOLOGY AND INFECTION, vol.16, no.12, pp.1770-1775, 2010 (SCI-Expanded)
- XXII. **Value of washed sputum samples in children with lower respiratory tract infections**
Ziyade N., Aksu B., Yagci A.
PEDIATRICS INTERNATIONAL, vol.51, no.3, pp.438-440, 2009 (SCI-Expanded)
- XXIII. **Use of T Cell-Based Diagnosis of Tuberculosis Infection to Optimize Interpretation of Tuberculin Skin Testing for Child Tuberculosis Contacts**
Bakir M., Dosanjh D. P. S., Deeks J. J., Soysal A., Millington K. A., Efe S., Aslan Y., Polat D., Kodalli N., Yagci A., et al.
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- XXIV. **Extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* in paediatric wards: A nested case-control study**
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JOURNAL OF PAEDIATRICS AND CHILD HEALTH, vol.44, no.10, pp.548-553, 2008 (SCI-Expanded)
- XXV. **Acid proteinase, phospholipase, and biofilm production of *Candida* species isolated from blood cultures**
Gokce G., Cerikcioglu N., Yagci A.
MYCOPATHOLOGIA, vol.164, no.6, pp.265-269, 2007 (SCI-Expanded)
- XXVI. **Sulfatide mediates attachment of *Pseudomonas aeruginosa* to human pharyngeal epithelial cells**
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NEW MICROBIOLOGICA, vol.30, no.2, pp.167-171, 2007 (SCI-Expanded)
- XXVII. **Epidemiology of candidemia in a Turkish tertiary care hospital**
Bakir M., Cerikcioglu N., Barton R., Yagci A.
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- XXVIII. **A possible role of *Bacteroides fragilis* enterotoxin in the aetiology of colorectal cancer**
Toprak N., Yagci A., Gulluoglu B. M., Akin M. L., Demirkalem P., Celenk T., Soyletir G.
CLINICAL MICROBIOLOGY AND INFECTION, vol.12, no.8, pp.782-786, 2006 (SCI-Expanded)
- XXIX. **The low rate of methicillin-resistant *Staphylococcus aureus* in Turkish children**
SOYSAL A., ŞAHİN H., YAĞCI A., BARLAN I., BAKIR M.
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- XXX. **The distribution of the bft alleles among enterotoxigenic *Bacteroides fragilis* strains from stool specimens and extraintestinal sites**
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ANAEROBE, vol.12, no.2, pp.71-74, 2006 (SCI-Expanded)
- XXXI. **Comparison of antimicrobial resistance patterns of enterotoxin gene positive and negative *Bacteroides fragilis* isolates Enterotoksin geni pozitif ve negatif *Bacteroides fragilis* izolatlarının antibiyotiklere direnç durumlarının karşılaştırılması**
Ülger Toprak N., Yağci A., Çelik C., Çakici O., Söyletir G.
Mikrobiyoloji Bulteni, vol.39, no.2, pp.145-152, 2005 (SCI-Expanded)
- XXXII. **The epidemiology of nasopharyngeal colonisation of *Streptococcus pneumoniae* in children with respiratory tract infection Solunum yolu enfeksiyonu olan çocuklarda nazofarenksde *Streptococcus pneumoniae* kolonizasyon epidemiyolojisi**
Ilki A., Akbenlioğlu C., Yağci A., Söyletir G., Bakir M.

Mikrobiyoloji Bulteni, vol.38, pp.1-7, 2004 (SCI-Expanded)

XXXIII. Surveillance of Haemophilus influenzae among respiratory tract samples of Turkish children.

Yagci A., Ilki A., Akbenlioglu C., Ulger N., Inanli S., Soyletir G., Bakir M.

International journal of antimicrobial agents, vol.22, no.5, pp.548-50, 2003 (SCI-Expanded)

XXXIV. Typing of Pseudomonas aeruginosa strains in Turkish cystic fibrosis patients

Yagci A., Ciragil P., Over U., Sener B., Erturan Z., Soyletir G.

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XXXVI. Elastase and alkaline protease production by Pseudomonas aeruginosa strains: Comparison of two procedures

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MICROBIOLOGICA, vol.25, no.2, pp.223-229, 2002 (SCI-Expanded)

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Bakir M., Yagci A., Ulger N., Akbenlioglu C., Ilki A., Soyletir G.

European journal of epidemiology, vol.17, no.11, pp.1015-8, 2001 (SCI-Expanded)

XXXIX. Molecular typing of Myroides odoratimimus (Flavobacterium odoratum) urinary tract infections in a Turkish hospital

Yagci A., Cerikcioglu N., Kaufmann M., Malnick H., Soyletir G., Babacan F., Pitt T.

EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES, vol.19, no.9, pp.731-732, 2000 (SCI-Expanded)

XL. Detection of anti-tetanus antibodies in Turkish population

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Articles Published in Other Journals

I. Retrospective Analysis of Serology and Radiology Results in Patients with Suspected Cystic Echinococcosis Through 3 Years Period.

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Türkiye parazitoloji dergisi, vol.47, no.2, pp.83-87, 2023 (Scopus)

II. Factors Associated with 28-day Critical Illness Development During the First Wave of COVID-19

SİLİ U., AY P., TOPUZUOĞLU A., BİLGİN H., TİGEN E. T., ŞENGEL B. E., ÇAĞLAYIK D. Y., BALCAN B., KOCAKAYA D., OLGUN YILDIZELİ Ş., et al.

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III. İdrar Kültürlerinde Kontaminasyon Oranları Düşürülebilir mi?

Karahasan A.

FLORA İNFEKSİYON HASTALIKLARI VE KLİNİK MİKROBİYOLOJİ DERGİSİ, vol.28, no.2, pp.87-89, 2023 (Peer-Reviewed Journal)

IV. Evaluación del panel BioFire Filmarray para patógenos respiratorios: un análisis demográfico y clínico en Estambul, Turquía

Karahasan A., Çimşit N. Ç.

INFECTIO, vol.27, no.2, pp.86-98, 2023 (Scopus)

- V. **Demographic Features and Laboratory Parameters Among Hospitalized Vaccinated Patients With COVID-19 in Istanbul, Turkey**
Karahasan A.
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- VI. **Molecular analysis of human adenoviral keratoconjunctivitis cases: Results of a 2-year survey**
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- VII. **KİSTİK FİBROZİS VE KİSTİK FİBROZİS DIŞI HASTALARDAN İZOLE EDİLEN ACHROMOBACTER TÜRLERİ İLE İLGİLİ RETROSPEKTİF ANALİZ**
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- VIII. **Direct Detection of Pseudomonas aeruginosa from Respiratory Samples of Children with Cystic Fibrosis**
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- IX. **Hand hygiene compliance of health care workers in a neonatal intensive care unit: a prospective observation study**
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- X. **HASTANEDE YATAN HASTALARDAN ALINAN REKTAL SÜRÜNTÜ ÖRNEKLERİNDE VANKOMİSİNE DİRENÇLİ ENTEROKOK TARANMASI: STRATEJİK DEĞERLENDİRME**
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- XI. **[Evaluation of the molecular assays for detection of Mycobacterium tuberculosis complex in extrapulmonary specimens].**
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- XII. **Evaluation of different respiratory samples and saliva for the detection of SARS CoV-2 RNA**
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- XIII. **Pseudomonas aeruginosa epidemiology among Cystic Fibrosis patients**
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- XVI. **Biofilm production and biocidal efficacy in multidrug resistant Pseudomonas aeruginosa and Acinetobacter baumannii isolates**
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- XVII. **The epidemiology of nasopharyngeal colonisation of Streptococcus pneumoniae in children with respiratory tract infection**
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- XVIII. **Molecular epidemiology of MRSA isolates in the intensive care unit during a 4 year period**
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Books & Book Chapters

- I. **Polimeraz Zincir Reaksiyonu Temelli Tiplendirme Yöntemleri: AP-PCR, ERIC-PCR, REP-PCR, PCR-RFLP**
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- II. **Oral Mikrobiyom**
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- III. **BÖLÜM 22 Parazitoloji, Kan ve Doku Parazitleri**
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- IV. **Sterilizasyon ünitesi ve ameliyathane rehberi**
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- V. **İnsanda normal flora: mikrobiyota**
KARAHASAN A.
in: Enfeksiyon Patogenezi ve Bağışıklık, Selim Badur, Hakan Abacıoğlu, Betigül Öngen , Editor, Akademi, İstanbul, pp.31-39, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **COVID-19 DISEASE CHARACTERISTICS IN DIFFERENT PEDIATRIC AGE GROUPS**
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39th Annual Meeting of the European Society of Paediatric Infectious Diseases (ESPID), 24 - 29 May 2021, pp.1
- II. **Nebülizatör Temizleme ve Dezenfeksiyon Eğitiminin Kistik Fibrozisli Hastaların Bakım Verenlerinin Bilgi Düzeyleri ve Uygulamalarına Etkisi**
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- III. **Nebülizatör Temizliği Eğitiminin Kistik Fibrozisli Hastaların Bakımvericilerinin Bilgi Düzeyi ve Uygulamaları Üzerine Etkileri**
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- IV. **Anti SARS-CoV-2 Antikorlarının Saptanmasında Farklı Ticari Kitlerin Karşılaştırılması**
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- V. **Yenidoğan Yoğun Bakım Ünitesinde El Hijyeni uyumu ve Enfeksiyon Epidemiolojisine Etkisi**
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- VI. **Epidemiology of pseudomonas aeruginosa among cystic fibrosis patients**
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VII. **Non-tuberculous mycobacterial infections in children with cystic fibrosis in a one center experience in Turkey**

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VIII. **Distribution of microorganisms isolated from cystic fibrosis patients**

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IX. **Culture and molecular methods for detection of Mycobacterium tuberculosis Complex**

AKSU M. B., Asker B., KARAHASAN A.

6th Congress of the Microbiologists of Macedonia, Ohrid, Macedonia, 30 May - 02 June 2018

X. **compliance of healthcare workers to hand hygiene practices in neonatal intensive care units : Overt Observation**

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XI. **Mycobacterium abcessus infections aeruginosa in cystic fibrosis patients.**

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2nd Middle East Cystic Fibrosis Conference, 22 - 24 March 2018, vol.2

XII. **The incidence and susceptibility pattern of Pseudomonas aeruginosa of Cystic Fibrosis patients**

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2. Middle East Cystic Fibrosis Conference, İzmir, Turkey, 22 - 24 March 2018

XIII. **COMPARISON OF SPUTUM AND DEEP PHARYNGEAL SWAB SAMPLES FOR PATHOGEN ISOLATION IN CYSTIC FIBROSIS PATIENTS**

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XIV. **CUMULATIVE ANTIBIOGRAM DATASET OF CYSTIC FIBROSIS PATIENTS IN A UNIVERSITY HOSPITAL IN ISTANBUL**

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XV. **A CASE REPORT: MYCOBACTERIUM FORTUITUM IN SKIN ABSCESSUS E**

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XVI. **Cumulative Antibioqram Dataset Of Cystic Fibrosis Patients In A University Hospital In Istanbul**

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XVIII. **Helicobacter pylori prevalence and relation with obesity**

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7.Eurasia Congress of Infectious Diseases (EACID), Tiflis, Georgia, 30 September - 03 October 2015

XIX. **Biofilm Formation and Biocidal Activity in Multiple Drug Resistant MDR Acinetobacter Baumannii And Pseudomonas Aeruginosa Strains**

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XX. **Methicillin Resistant Staphylococcus aureus Colonization of Turkish Children Attending to Pediatric Outpatient Clinic**

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Non Academic Experience

MARMARA ÜNİVERSİTESİ TIP FAKÜLTESİ