

Prof. AYŞEGÜL KARAHASAN

Personal Information

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Education Information

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

Under Graduate, Ankara Üniversitesi, Tıp Fakültesi, Turkey 1982 - 1988

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, School of Medicine, 2004 - Continues

Professor, Marmara University, School of Medicine, Basic Medical Sciences, 1990 - Continues

Professional Experience

Head of Department, Marmara University, School of Medicine, 2009 - 2011

Advising Theses

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

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

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

KARAHASAN A., Çoklu ilaca dirençli (ÇİD) klinik izolatlarda biyofilm oluşumu ve biyosidal aktivite saptama, Post Graduate, 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.BEKDEMİR(Student), 2011

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KARAHASAN A., Üriner sistem enfeksiyonlarından izole edilen pseudomonas aeruginosa suşlarında yeterli çoğunluk algılanması (quorum sensing)'nin belirlenmesi, Post Graduate, S.Şentürk(Student), 2011

KARAHASAN A., Üriner sistem enfeksiyonlarından izole edilen pseudomonas aeruginosa suşlarından yeterli çoğunluk algılanması (QUORUM SENSİNG)'nin belirlenmesi, Post Graduate, S.Şentürk(Student), 2011

KARAHASAN A., Staphylococcus aureus suşlarında biyofilm oluşumu ve panton valentine lökositin varlığının araştırılması, Post Graduate, N.AKTAŞ(Student), 2010

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

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

KARAHASAN A., Kandidemi olgularından izole edilen candida türlerinin virülans faktörlerinin araştırılması, Post Graduate, 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

KARAHASAN A., Toplumda kazanılmış metsiline dirençli staphylococcus aureus kolonizasyonunun epidemiyolojisi, Post Graduate, H.ŞAHİN(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, Post Graduate, M.EKTİ(Student), 1997

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 : IJID : official publication of the International Society for Infectious Diseases, vol.101, pp.160-166, 2020 (Journal Indexed in SCI Expanded)
- II. **Xpert MTB/Ultra assay: Handle with care**
Sarınoğlu R., Duman N., Ünlü N., Yıldızeli S., Yagci A.
Journal of Infection, vol.80, pp.350-371, 2020 (Journal Indexed in SCI Expanded)
- III. **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, pp.698-701, 2016 (Journal Indexed in SCI)
- IV. **High-Level Genetic Diversity among Invasive Streptococcus pneumoniae Isolates in Turkey.**
Guldemir D., Acar S., Otgün S., Unaldi O., Gozalan A., Ertek M., Durmaz R., Invasive P.
Japanese journal of infectious diseases, vol.69, pp.207-12, 2016 (Journal Indexed in SCI)
- V. **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.
PLoS ONE, vol.9, 2014 (Journal Indexed in SCI)
- VI. **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, pp.888-891, 2013 (Journal Indexed in SCI)
- VII. **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, pp.501-507, 2012 (Journal Indexed in SCI)
- VIII. **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, pp.1770-1775, 2010 (Journal Indexed in SCI)
- IX. **Value of washed sputum samples in children with lower respiratory tract infections**
Ziyade N., Aksu B., Yagci A.
PEDIATRICS INTERNATIONAL, vol.51, pp.438-440, 2009 (Journal Indexed in SCI)
- X. **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.
CLINICAL INFECTIOUS DISEASES, vol.48, pp.302-312, 2009 (Journal Indexed in SCI)
- XI. **Extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* in paediatric wards: A nested case-control study**
DEMİR S., Soysal A., Bakir M., Kaufmann M. E. , Yagci A.
JOURNAL OF PAEDIATRICS AND CHILD HEALTH, vol.44, pp.548-553, 2008 (Journal Indexed in SCI)
- XII. **Acid proteinase, phospholipase, and biofilm production of *Candida* species isolated from blood cultures**
Gokce G., Cerikcioglu N., Yagci A.
MYCOPATHOLOGIA, vol.164, pp.265-269, 2007 (Journal Indexed in SCI)
- XIII. **Sulfatide mediates attachment of *Pseudomonas aeruginosa* to human pharyngeal epithelial cells**
Yagci A., Yagci T., Sener B., Suziki Y., Ahmed K.
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- XIV. **Epidemiology of candidemia in a Turkish tertiary care hospital**
Bakir M., Cerikcioglu N., Barton R., Yagci A.
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- XV. **A possible role of *Bacteroides fragilis* enterotoxin in the aetiology of colorectal cancer**
Toprak N. U. , Yagci A., Gulluoglu B. M. , Akin M. L. , Demirkalem P., Celenk T., Soyletir G.
CLINICAL MICROBIOLOGY AND INFECTION, vol.12, pp.782-786, 2006 (Journal Indexed in SCI)
- XVI. **The low rate of methicillin-resistant *Staphylococcus aureus* in Turkish children**
SOYSAL A., ŞAHİN H., YAĞCI A., BARLAN I., BAKIR M.
JAPANESE JOURNAL OF INFECTIOUS DISEASES, vol.59, pp.195-196, 2006 (Journal Indexed in SCI)
- XVII. **The distribution of the bft alleles among enterotoxigenic *Bacteroides fragilis* strains from stool specimens and extraintestinal sites**
Ulger N., Rajendram D., Yagci A., Gharbia S., Shah H., Gulluoglu B., Akin L., Demirkalem P., Celenk T., Soyletir G.
ANAEROBE, vol.12, pp.71-74, 2006 (Journal Indexed in SCI)
- XVIII. **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, pp.145-152, 2005 (Journal Indexed in SCI Expanded)
- XIX. **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 (Journal Indexed in SCI Expanded)
- XX. **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, pp.548-550, 2003 (Journal Indexed in SCI)
- XXI. **Typing of *Pseudomonas aeruginosa* strains in Turkish cystic fibrosis patients**
Yagci A., Ciragil P., Over U., Sener B., Erturan Z., Soyletir G.

- MICROBIOLOGICA, vol.26, pp.109-114, 2003 (Journal Indexed in SCI)
- XXII. **Pharyngeal colonization with Haemophilus influenzae type b among healthy Turkish infants and children**
Bakir M., Yagci A., Ulger N., Akbenlioglu C., Ilki A., Soyletir G., Basaran M.
PEDIATRICS INTERNATIONAL, vol.44, pp.381-386, 2002 (Journal Indexed in SCI)
- XXIII. **Elastase and alkaline protease production by Pseudomonas aeruginosa strains: Comparison of two procedures**
Yagci A., Tuc Y., Soyletir G.
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- XXIV. **Epidemiology of Streptococcus pneumoniae pharyngeal carriage among healthy Turkish infants and children**
Bakir M., Yagci A., Akbenlioglu C., Ilki A., Ulger N., Soyletir G.
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- XXV. **Asymptomatic carriage of Neisseria meningitidis and Neisseria lactamica in relation to Streptococcus pneumoniae and Haemophilus influenzae colonization in healthy children: Apropos of 1400 children sampled**
Bakir M., Yagci A., Ulger N., Akbenlioglu C., Ilki A., Soyletir G.
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- XXVI. **Molecular typing of Myroides odoratimimus (Flavobacterium odoratum) urinary tract infections in a Turkish hospital**
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- XXVII. **Detection of anti-tetanus antibodies in Turkish population**
Soyletir G., Yagci A., Topkaya A., Ciragil P.
TROPICAL DOCTOR, vol.29, pp.161-163, 1999 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Tuberculosis and COVID-19: An overlapping situation during pandemic.**
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Journal of infection in developing countries, vol.14, pp.721-725, 2020 (Refereed Journals of Other Institutions)
- II. **Mycobacterium tuberculosis kompleksi suşlarında duyarlılık oranları**
KARAHASAN A., SÖYLEDİR G., İLKİ Z. A. , ÖNCEL B.
ANKEM Dergisi, 2019 (Refereed Journals of Other Institutions)
- III. **1. Evaluation of efficacy of endoscope reprocessing by ATP method and bacterial cultivation**
KARAHASAN A., AKSU M. B. , eren e.
The Turkish Journal of Occupational / Environmental Medicine and Safety, 2017 (Other Refereed National Journals)
- IV. **Biofilm production and biocidal efficacy in multidrug resistant Pseudomonas aeruginosa and Acinetobacter baumannii isolates**
SEBİT B., AKSU M. B. , KARAHASAN A.
International Journal of Antisepsis Disinfection Sterilization, vol.1, pp.7-12, 2016 (Refereed Journals of Other Institutions)
- V. **Molecular epidemiology of MRSA isolates in the intensive care unit during a 4-year-period**
Aksu B., Yağci A., Ilki A., Söyletir G.
Marmara Medical Journal, vol.15, pp.151-154, 2002 (Refereed Journals of Other Institutions)
- VI. **Molecular epidemiology of MRSA isolates in the intensive care unit during a 4 year period**
AKSU M. B. , İLKİ Z. A. , KARAHASAN A., SÖYLEDİR G.
Marmara Medical Journal, vol.15, pp.151-154, 2002 (Other Refereed National Journals)

Books & Book Chapters

- I. **Sterilizasyon ünitesi ve ameliyathane rehberi**
KARAHASAN A.
MarmaraNobelTıp, İstanbul, 2016
- II. **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. **Nebülizatör Temizliği Eğitiminin Kistik Fibrozisli Hastaların Bakımvericilerinin Bilgi Düzeyi ve Uygulamaları Üzerine Etkileri**
Yılmaz Yeğit C., Ergenekon A. P. , Mursaloğlu H., Uzunoğlu B., Gökdemir Y., Erdem Eralp E., Duman N., Karahaslan A., Karakoç F., Karadağ B. T.
9. Ulusal Çocuk Solunum Yolu Hastalıkları ve Kistik Fibrozis Kongresi, İzmir, Turkey, 5 - 07 March 2020
- II. **Anti SARS-CoV-2 Antikorlarının Saptanmasında Farklı Ticari Kitlerin Karşılaştırılması**
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- III. **Non-Tüberküloz Mikobakteri Türlerinin MALDI-TOF MS İle Tanımlanması**
SAYIN E., BARAN E., ALTINKANAT GELMEZ G., KARAHASAN A.
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- IV. **Yenidoğan Yoğun Bakım Ünitesinde El Hijyeni uyumu ve Enfeksiyon Epidemiolojisine Etkisi**
Ağırman Yanar M., Alçı G., KARAHASAN A., BİLGİN H. S. , ÖZEK E.
27. Ulusal Neonatoloji Kongresi, Antalya, Turkey, 3 - 07 April 2019
- V. **Epidemiology of pseudomonas aeruginosa among cystic fibrosis patients**
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- VI. **Distribution of microorganisms isolated from cystic fibrosis patients**
Alci G., Karahaslan A., Akın C., Cakan A., Sarioğlu E., Basci B., Öncel B., Gökdemir Y., Erdem Eralp E., Karadağ B. T.
3rd Middle East Cystic Fibrosis Conference, İstanbul, Turkey, 21 - 23 March 2019, pp.8-9
- VII. **Non-tuberculous mycobacterial infections in children with cystic fibrosis in a one center experience in Turkey**
Yılmaz Yeğit C., Ergenekon A. P. , Atağ E., Baş İkizoğlu N., Gökdemir Y., Erdem Eralp E., Ceyhan B., Köksalan O. K. , Karahaslan A., Karadağ B. T.
3rd Middle East Cystic Fibrosis Conference, İstanbul, Turkey, 21 - 23 March 2019, pp.5-6
- VIII. **Infection control knowledge and practices among cystic fibrosis patients and their families**
KARAHASAN A., alci g., akin c., çakan a.
3 rd Middle East Cystic Fibrosis Conference, 21 - 23 March 2019
- IX. **Susceptibility rates of Mycobacterium tuberculosis complex.**
KARAHASAN A., SÖYLEDİR G., AKSU M. B. , asker b.
VI Congress of Macedonian Microbiologist with International participation. FEMS supported symposium: Emerging Infections, 30 May - 02 June 2018
- X. **Culture and molecular methods for detection of Mycobacterium tuberculosis Complex**
AKSU M. B. , Asker B., KARAHASAN A.
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- XI. **compliance of healthcare workers to hand hygiene practices in neonatal intensive care units : Overt Observation**
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- 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. **Mycobacterium abcessus infections aeruginosa in cystic fibrosis patients.**
KARADAĞ B. T. , KARAHASAN A., ASKER B., eren e.
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- XIV. **CORRELATION OF LABORATORY DATA WITH CLINICAL DIAGNOSIS AND TREATMENT IN PATIENTS ADMITTED TO THE CHEST DISEASES POLYCLINIC**
KARAHASAN A.
10th Balkan Congress of Microbiology, 16 - 18 November 2017
- XV. **A CASE REPORT: MYCOBACTERIUM FORTIUTUM IN SKIN ABSCESSUS E**
KARAHASAN A., eren e., satılmış s., ÜLGER N.
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- XVI. **COMPARISON OF SPUTUM AND DEEP PHARYNGEAL SWAB SAMPLES FOR PATHOGEN ISOLATION IN CYSTIC FIBROSIS PATIENTS**
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- XVII. **CUMULATIVE ANTIBIOGRAM DATASET OF CYSTIC FIBROSIS PATIENTS IN A UNIVERSITY HOSPITAL IN ISTANBUL**
KARAHASAN A., AKSU M. B. , KARADAĞ B. T. , ALTINKANAT GELMEZ G.
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- XVIII. **Evaluation of Efficacy of Endoscope Reprocessing by ATP Method and Bacterial Cultivation**
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- XIX. **Cumulative Antibiogram Dataset Of Cystic Fibrosis Patients In A University Hospital In Istanbul**
FİDAN E., KARAHASAN A., koldaş s., ALTINKANAT GELMEZ G., gökdemir Y.
10th Balkan Congress of Microbiology, 16 - 18 November 2017
- XX. **Plazma sterilizasyon**
KARAHASAN A.
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- XXI. **Solunum yollarından izole edilen pseudomonas aspergillus ve candida susşalarının virulans faktörlerinin araştırılması**
KARAHASAN A., çerikcioğlu n., erturan z.
37 turk mikrobiyoloji kongresi, Turkey, 16 - 20 November 2016
- XXII. **The role of Mıcrobiologist in infection control and hospital epidemiology**
KARAHASAN A.
2 nd international medical congress in albania, 15 - 17 September 2016
- XXIII. **Biofilm Formation and Biocidal Activity in Multiple Drug Resistant MDR Acinetobacter Baumanii And Pseudomonas Aeruginosa Strains**
KARAHASAN A., SEBİT B., AKSU M. B.
7.EACID Eurasia Congress of Infectious Diseases, Tiflis, Georgia, 30 September - 03 October 2015
- XXIV. **Helicobacter pylori prevalance and relation with obesity**
KARAHASAN A., ÖZDEMİR H., AKSU Ç., ÖZDEN E., NARMAN İ., VARLIK S., KASIMAY ÇAKIR Ö., AKSU M. B.
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Citations

Total Citations (WOS):646

h-index (WOS):12