

Prof. SELMA AY

Personal Information

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International Researcher IDs

ORCID: 0000-0002-7640-6635
Yoksis Researcher ID: 6130

Education Information

Doctorate, Firat University, Faculty Of Health Sciences, Tibbi Mikrobiyoloji Anabilim Dalı, Turkey 1992 - 1999
Postgraduate, Firat University, Sağlık Bilimleri, Tibbi Mikrobiyoloji Anabilim Dalı, Turkey 1985 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İnfertil eşlerde Anti sperm antikorlarının IFA yöntemi ile araştırılması, Inonu University, Tıp Fakültesi, Tibbi Mikrobiyoloji Anabilim Dalı, 1999
Postgraduate, Beta hemolitik streptokokların serolojik ve biyokimyasal testlerel gruplandırılması, Firat University, Tıp Fakültesi, Tibbi Mikrobiyoloji Anabilim Dalı, 1992

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Microbiology and Clinical Microbiology

Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2001 - Continues

Academic and Administrative Experience

Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2001 - 2008
Inonu University, Malatya Sağlık Yüksekokulu, 2006 - 2007

Courses

Growth media of microorganisms, Undergraduate, 2015-2016

Introduction to the viral infections and laboratory diagnosis, Undergraduate, 2015-2016
Normal flora lab.practice, Undergraduate, 2015-2016
Medium and growth indicators, Undergraduate, 2015-2016
Microbial Metabolism,multiplication and death of the microbes, Undergraduate, 2015-2016
Tümör virusları, Undergraduate, 2015-2016
Orthomyxoviridae, Undergraduate, 2015-2016
Viral hastalıklara giriş ve laboratuvar tanısı, Undergraduate, 2015-2016
Mikroorganizmaların üretilme ortamları, Undergraduate, 2015-2016
Besin zehirlenmesi etkeni olan bakteriler ve laboratuvar tanısı, Undergraduate, 2015-2016
Bakterilerde çoğalma ve çoğalmaya etki eden faktörler, Undergraduate, 2015-2016
arthropod ve rodentlerle bulaşan virusler, Undergraduate, 2015-2016
İnsan vücutunun normal mikrobiyal florası, Undergraduate, 2015-2016
Bakteri genetiği, Undergraduate Double Major, 2015-2016
bacteria causing food poisoningand laboratory diagnosis, Undergraduate, 2015-2016
Bakteri genetigi, Undergraduate Double Major, 2015-2016
Bakterilerde metabolizma, Undergraduate, 2015-2016
Mikroorganizmaların üretilme ortamları,üreme görünümleri.koloniler, Undergraduate, 2015-2016
Besiyerleri ve üreme görünümleri-Laboratuvar, Undergraduate, 2015-2016
HACEK grubu içerisinde yer alan bakteriler , Undergraduate, 2015-2016
Bacteria in the HACEK group, Undergraduate, 2015-2016
yersinia,francisella and Pasteurella, Undergraduate, 2015-2016
Growth media of microorganisms and growth charactheristics, Undergraduate, 2015-2016
Streptobasiller ve diğer Gram negatif bakteriler, Undergraduate, 2015-2016
yersinia,Francisella, Pasteurella, Undergraduate, 2015-2016
Normal vücu florası -laboratuvar uygulaması, Undergraduate, 2015-2016
Hepatitis viruses, Undergraduate, 2015-2016
The genus Brucellae, Undergraduate, 2015-2016
major bakteri grupları, Undergraduate, 2015-2016
Brusella türleri, Undergraduate, 2015-2016
Mediums and growth indicators-Laboratoy practice, Undergraduate, 2015-2016
Arthropod and rodent borne viruse, Undergraduate, 2015-2016
Tumor viruses, Undergraduate, 2015-2016
Major bacterial groups, Undergraduate, 2015-2016
Streptobacillus and other Gram negative bacilli, Undergraduate, 2015-2016
Ortomiksovirusler, Undergraduate, 2015-2016
hepatit virusları, Undergraduate, 2015-2016
Normal microbial flora of human body, Undergraduate, 2015-2016
Growth requirement of microorganisms, Undergraduate, 2015-2016
Arbovirüsler, Undergraduate, 2013-2014
Serolojik testlere Giriş, Undergraduate, 2013-2014
Mtemel Mikrobiyoloji, Undergraduate Double Major, 2013-2014
Besin zehirlenmesi etkeni bakteriler ve laboratuvar tanısı, Undergraduate, 2013-2014
Bacteria responsible for food poisoning andLab.diagnosis, Undergraduate, 2013-2014
Pasteurella, Undergraduate, 2013-2014
Major bakteri grupları, Undergraduate, 2013-2014
Brucella, Undergraduate, 2013-2014
yersinia, Undergraduate, 2013-2014
Orthomyxovirusler,İnfluenza virüsler,, Undergraduate, 2013-2014
Immunology-Serological tests, Undergraduate, 2013-2014
Francisella, Undergraduate, 2013-2014
HACEK grubu bakteriler, Undergraduate, 2013-2014

Jury Memberships

Associate Professor Exam, Doçentlik sınavı asil jüri üyesi, Adnan Menderes Üniversitesi, March, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of Carbapenemases in Carbapenem-Resistant Escherichia coli and Klebsiella pneumoniae Strains Isolated in 2014 in Turkey**
ÇAKAR A., AKYÖN YILMAZ Y., Gur D., Karatuna O., Ogunc D., Baysan B. O., Coplu N., Cagatay M., Kilic A., Baysallar M., et al.
MIKROBIYOLOJİ BULTENİ, vol.50, no.1, pp.21-33, 2016 (SCI-Expanded)
- II. **Comparison of an automated system with four phenotypic methods for the detection of methicillin-resistant Staphylococcus aureus**
Iraz M., TEKEREKOĞLU M. S., OTLU B., AY S.
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, vol.6, no.4, pp.764-769, 2012 (SCI-Expanded)
- III. **Investigation of Hydrophobic characteristic of biyofilm producer and non producerStaphylococcus aureus clinical isolates**
AY S., GÜLDÜR T., TEKEREKOĞLU M. S., OTLU B.
MIKROBIYOLOJİ BULTENİ, vol.44, no.2, pp.221-230, 2010 (SCI-Expanded)
- IV. **INVESTIGATION OF HYDROPHOBIC CHARACTERISTICS OF BIOFILM PRODUCER AND NON-PRODUCER STAPHYLOCOCCUS AUREUS CLINICAL ISOLATES**
AY S., GÜLDÜR T., TEKEREKOĞLU M. S., OTLU B.
MIKROBIYOLOJİ BULTENİ, vol.44, no.2, pp.221-230, 2010 (SCI-Expanded)
- V. **A PNEUMONIA CASE CAUSED BY CEDECEA LAPAGEI**
Yetkin G., AY S., Kayabas U., Gedik E., Gucluer N., Caliskan A.
MIKROBIYOLOJİ BULTENİ, vol.42, no.4, pp.681-684, 2008 (SCI-Expanded)
- VI. **A pneumoniae case caused by Cedecea lapagei**
Yetkin G., AY S.
MIKROBIYOLOJİ BULTENİ, vol.42, no.4, pp.681-684, 2008 (SCI-Expanded)
- VII. **Evaluation of 23 cutaneous anthrax patients in eastern Anatolia, Turkey: diagnosis and risk factors**
Ozcan H., Kayabas U., Bayindir Y., Bayraktar M. R., Ay S.
INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.47, no.10, pp.1033-1037, 2008 (SCI-Expanded)
- VIII. **Sulfasalazine reduces inflammatory renal injury in unilateral ureteral obstruction**
DEMİRBILEK S., EMRE M. H., AYDIN E. N., EDALI M. N., AKSOY R. T., AKIN M., Gurunluoglu K., TAS E., Ay S., YILMAZ Z.
PEDIATRIC NEPHROLOGY, vol.22, no.6, pp.804-812, 2007 (SCI-Expanded)
- IX. **Molecular epidemiology of meticillin resistant Staphylococcus aureus isolates of clinical specimens of patients with nosocomial infections:Are there unnoticed silent outbreaks?**
AY S., TEKEREKOĞLU M. S., OTLU B.
NEW MICROBIOLOGICA, vol.22, no.6, pp.804-812, 2007 (SCI-Expanded)
- X. **Molecular epidemiology of methicillin-resistant Staphylococcus aureus isolates from clinical specimens of patients with nosocomial infection: are there unnoticed silent outbreaks?**
Tekerekoglu M. S., Ay S., OTLU B., Cicek A., Kayabas U., Durmaz R.
NEW MICROBIOLOGICA, vol.30, no.2, pp.131-137, 2007 (SCI-Expanded)
- XI. **Attenuation of ureteral obstruction-induced renal injury by polyenylphosphatidylcholine.**
AKIN M., DEMİRBILEK S., Ay S., Gurunluoglu K., Turkmen E., TAS E., AKSOY R. T., BAYKARABULUT A., EDALI M. N.
International journal of urology : official journal of the Japanese Urological Association, vol.14, no.4, pp.350-6,

- 2007 (SCI-Expanded)
- XII. **Fluvastatin reduced liver injury in rat model of extrahepatic cholestasis**
DEMİRBILEK S., TAS E., Gurunluoglu K., AKIN M., AKSOY R. T., EMRE M. H., AYDIN N. E., Ay S., OZATAY N.
PEDIATRIC SURGERY INTERNATIONAL, vol.23, no.2, pp.155-162, 2007 (SCI-Expanded)
- XIII. **The effect of caffeic acid phenethyl ester on bacterial translocation and intestinal damage in cholestatic rats**
Ara C., Esrefoglu M., Polat A., Isik B., Aladag M., Gul M., Ay S., Tekerleklioglu M. S., Yilmaz S.
DIGESTIVE DISEASES AND SCIENCES, vol.51, no.10, pp.1754-1760, 2006 (SCI-Expanded)
- XIV. **The NF-kappa B inhibitors attenuate hepatic injury in bile duct ligated rats**
Demirbilek S., Akin M., Gueruenlueoglu K., Aydin N. E., Emre M. H., Tas E., Aksoy R. T., Ay S.
PEDIATRIC SURGERY INTERNATIONAL, vol.22, no.8, pp.655-663, 2006 (SCI-Expanded)
- XV. **Protective effect of resveratrol against oxidative stress in cholestasis**
Ara C., Kirimlioglu H., Karabulut A., Coban S., Ay S., Harputluoglu M. M. M., Kirimlioglu V., Yilmaz S.
JOURNAL OF SURGICAL RESEARCH, vol.127, no.2, pp.112-117, 2005 (SCI-Expanded)
- XVI. **Epidemiologic and clinical clinical features of a sepsis caused by methicillin-resistant Staphylococcus epidermidis (MRSE) in a pediatric intensive care unit**
Tekerekoglu M., Durmaz R., Ay S., Cicek A., Kutlu O.
AMERICAN JOURNAL OF INFECTION CONTROL, vol.32, no.6, pp.362-364, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of Compatibility Between Serological Tests Used in Laboratory Diagnosis of Brucellosis**
Ay S., Güzel B., Duman Y.
Acta Medica Alanya, vol.5, no.2, pp.171-174, 2021 (Peer-Reviewed Journal)
- II. **Seroprevalence of Hepatitis A Virus in Inonu University Medical Faculty Hospital 2015**
DUMAN Y., TEKEREKOĞLU M. S., AY S., serindağ a.
Medicine Science International Medical Journal, vol.6, no.2, pp.233-235, 2017 (Peer-Reviewed Journal)
- III. **MBL E Test Araştırmasında 5 Farklı Marka Müller-Hinton Agar Besiyerlerinden Elde Edilen Sonuçların Değerlendirilmesi**
Ay S., Mansur A., Otlu B., Serindağ A., Tekerekoğlu M. S., Karademir F.
İnönü Üniversitesi Tip Fakültesi Dergisi, vol.23, no.1, pp.21-25, 2016 (Peer-Reviewed Journal)
- IV. **Evaluation of Metallo Beta Lactamase E test Results from Different Brands of Mueller Hinton Agar Plates MBL E Test Arastirmasinda 5 Farkli Marka Muller Hinton Agar Besiyerlerinden Elde Edilen Sonuclarin Degerlendirilmesi**
AY S., mansur a., OTLU B., serindağ a., TEKEREKOĞLU M. S., KARADEMİR F.
Journal of Turgut Ozal Medical Center, vol.23, pp.1, 2016 (Peer-Reviewed Journal)
- V. **Seroprevalence of HBsAg, Anti-HBs, anti-HDV and HDVAg in İnönü University Medical Faculty Hospital, 2012**
DUMAN Y., TEKEREKOĞLU M. S., AY S.
MEDİCİNE SCİENCE, vol.3, no.1, pp.982-90, 2014 (Peer-Reviewed Journal)
- VI. **Seroprevalence of HBsAg Anti HBs anti HDV and HDVAg in Inonu University Medical Faculty Hospital 2012** Inonu Üniversitesi Tip Fakultesi Hastanesinde 2012 Yılında HBsAg Anti HBs Anti HDV ve HDVAg Seroprevalansı
DUMAN Y., TEKEREKOĞLU M. S., AY S.
Medicine Science International Medical Journal, vol.3, no.1, pp.982-990, 2014 (Peer-Reviewed Journal)
- VII. **Nozokomiyal Pseudomonas Aeruginosa İzolatlarında Antibiyotik Duyarlılık Oranları**
Ahmet M., AY S., ERSOY Y.
J Turgut Ozal Med Cent, vol.20, no.3, pp.138-142, 2013 (Peer-Reviewed Journal)
- VIII. **Karbapenem dirençli Pseudomonas aeruginosa izolatlarında Metallo B eta laktamaz Üretiminin Araştırılması**

Ahmet M., AY S., OTLU B., Nilay G., ERSOY Y.

J Turgut Ozal Med Cent, vol.20, no.2, pp.237-242, 2013 (Peer-Reviewed Journal)

IX. Investigation of Metallo Beta lactamase Production in Carbapenem Resistant *Pseudomonas aeruginosa* Isolates

mansur a., AY S., OTLU B., güclüer n., ERSOY Y.

İnönü Üniversitesi Tip Fakültesi Dergisi, vol.20, no.3, pp.237-242, 2013 (Peer-Reviewed Journal)

Supported Projects

AY S., DUMAN Y., ÇAKIL B., Project Supported by Higher Education Institutions, Brusellozis Tanısında Kullanılan Serolojik Testlerin Karşılaştırılması, 2017 - 2018

Metrics

Publication: 25

Citation (WoS): 240

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