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### Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji, Türkiye 1997 - 2002

Yüksek Lisans, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji, Türkiye 1994 - 1997

Lisans, Dokuz Eylül Üniversitesi, Tıp Fakültesi, Tıbbi Biyolojik Bilimler Bölümü, Türkiye 1989 - 1993

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Yaptığı Tezler

Doktora, The in vitro investigation of the effects of nitric oxide donor DETA-NO alone and in combination with some antibiotics against salmonella enterica serovar typhimurium isolates, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji, 2002

Yüksek Lisans, M. tuberculosis ilaç duyarlılığının Löwenstein-Jensen ve Middlebrook 7H10 besiyerinde proportion metod ile karşılaştırmalı olarak araştırılması The Comperative investigation of the M. tuberculosis drug resistance in Löwenstein-Jensen and Middlebrook 7H10 mediums by the proportion metod, Ondokuz Mayıs Üniversitesi, Sağlık Bilimleri Enstitüsü, Mikrobiyoloji, 1997

### Araştırma Alanları

Tıp, Sağlık Bilimleri, Temel Tıp Bilimleri, Mikrobiyoloji ve Klinik Mikrobiyoloji, Tıbbi Mikrobiyoloji

### Akademik Unvanlar / Görevler

Prof. Dr., Akdeniz Üniversitesi, Antalya Sağlık Yüksekokulu, Beslenme Ve Diyetetik, 2017 - Devam Ediyor

Prof. Dr., Akdeniz Üniversitesi, Sağlık Bilimleri Fakültesi, Beslenme Ve Diyetetik , 2017 - Devam Ediyor

Prof. Dr., Ondokuz Mayıs Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2014 - 2017

Doç. Dr., Ondokuz Mayıs Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2006 - 2014

Yrd. Doç. Dr., Ondokuz Mayıs Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2003 - 2006

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **N-(naphthalen-1-yl(phenyl)carbamothioyl)-3-nitrobenzamide against Methicillin-resistant Staphylococcus aureus (MRSA) isolates: Thermal kinetics, theoretical and molecular docking studies**  
Kutlu E., YILDIRIM K., Emen F. M., Ali M. A., Licina M., ÇOBAN A. Y., Yesilkaynak T., Kinaytürk N. K.  
Journal of Molecular Structure, cilt.1330, 2025 (SCI-Expanded)
- II. **A rapid and simple modified nitrate reductase assay for testing first and second-line antituberculosis drug susceptibilities in Mycobacterium tuberculosis isolates**  
ŞİMŞEK E., YILDIRIM K., Atas C., ÇOBAN A. Y.  
Diagnostic Microbiology and Infectious Disease, cilt.110, sa.4, 2024 (SCI-Expanded)
- III. **Thermal Inactivation of Airborne SARS-CoV-2 by an Electric Fan Heater in Winter and Defining Conditions to Ensure That All the Air Passes Through the Fan**  
CANPOLAT M., Şakalar C., Bozkurt S., ÇOBAN A. Y., Karacayli D., Toker E.  
Journal of Thermal Science and Engineering Applications, cilt.16, sa.2, 2024 (SCI-Expanded)
- IV. **The Effect of Inoculum Size on Antimicrobial Susceptibility Testing of Mycobacterium tuberculosis**  
YILDIRIM K., Atas C., ŞİMŞEK E., ÇOBAN A. Y.  
Microbiology spectrum, cilt.11, sa.3, 2023 (SCI-Expanded)
- V. **The Anti-angiogenic and Anti-microbial Effect of Diosmin: Potential Receptor Interactions via Molecular Docking**  
ŞİMŞEK E., Koçak O., YILDIRIM K., Kuruoğlu A., Taşkın N. D., Bozkurt S., İMİR N., Atas C., Akçit E. T., ÇOBAN M., et al.  
Revista Brasileira de Farmacognosia, cilt.33, sa.2, ss.422-431, 2023 (SCI-Expanded)
- VI. **Novel thiourea derivatives against Mycobacterium tuberculosis: synthesis, characterization and molecular docking studies**  
Kutlu E., Emen F. M., Yıldırım K., Atas C., Demirdogen R. E., Yesilkaynak T., Kinaytürk N. K., Şimşek E., Çoban A. Y.  
Phosphorus, Sulfur and Silicon and the Related Elements, cilt.198, sa.10, ss.844-853, 2023 (SCI-Expanded)
- VII. **Efflux pump effects on Mycobacterium tuberculosis drug resistance**  
Valiyeva G., Durupınar B., ÇOBAN A. Y.  
Journal of Chemotherapy, cilt.35, sa.7, ss.601-609, 2023 (SCI-Expanded)
- VIII. **Detoxification of aflatoxin M1 in different milk types using probiotics**  
Sanaldi K., ÇOBAN A. Y.  
Anais da Academia Brasileira de Ciencias, cilt.95, 2023 (SCI-Expanded)
- IX. **Rapid thermal inactivation of aerosolized SARS-CoV-2**  
CANPOLAT M., Bozkurt S., Sakalar C., ÇOBAN A. Y., Karacayli D., Toker E.  
JOURNAL OF VIROLOGICAL METHODS, cilt.301, 2022 (SCI-Expanded)
- X. **Cytotoxicity of Acrylic Resins, Particulate Filler Composite Resin and Thermoplastic Material in Artificial Saliva with and without Melatonin**  
CENGİZ S., Velioglu N., CENGİZ M. İ., cakmak oezlue F., Akbal A. U., ÇOBAN A. Y., oezcan M.  
MATERIALS, cilt.15, sa.4, 2022 (SCI-Expanded)
- XI. **Multicenter evaluation of AYC.2.2 agar for the isolation of mycobacteria from clinical samples**  
ÇOBAN A. Y., CEYHAN İ., Uzun M., Genc G. E., Bicmen C., ÖZKÜTÜK N., SÜRÜCÜOĞLU S., Yanar O., ASLAN G., Kurnaz N., et al.  
INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, cilt.40, sa.1, ss.127-131, 2022 (SCI-Expanded)
- XII. **A novel agar base medium for drug susceptibility testing of Mycobacterium tuberculosis isolates**  
ÇOBAN A. Y.  
FUTURE MICROBIOLOGY, cilt.16, sa.13, ss.949-953, 2021 (SCI-Expanded)
- XIII. **Tuberculosis and beta-lactam antibiotics**  
Gun M. A., BOZDOĞAN B., ÇOBAN A. Y.

FUTURE MICROBIOLOGY, cilt.15, sa.10, ss.937-944, 2020 (SCI-Expanded)

- XIV. **A new colorimetric method for rapid detection of ethambutol and streptomycin resistance in *Mycobacterium tuberculosis*: crystal violet decolorization assay (CVDA)**  
ÇOBAN A. Y., Akbal A. U., CEYHAN I., UZUN M., Selale D. S., Aslan G., Delialioglu N., OZYURT M., BEKTORE B., BICMEN C., et al.  
ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, cilt.112, sa.5, ss.679-685, 2019 (SCI-Expanded)
- XV. **Same-day Detection of Methicillin Resistance in *Staphylococcus aureus* Isolates by StaResMet (R) Kit**  
SEZGİN F. M., Vural A., KIRAZ A., ÇAYCI Y. T., Coban C., BOZDOĞAN B., ÇOBAN A. Y.  
JUNDISHAPUR JOURNAL OF MICROBIOLOGY, cilt.10, sa.11, 2017 (SCI-Expanded)
- XVI. **Multicenter Evaluation of the Indirect Nitrate Reductase Assay for the Rapid Detection of Multidrug-Resistant Tuberculosis**  
Coban A. Y., Tastekin B., UZUN M., Kalayci F., CEYHAN I., BICMEN C., ALBAY A., SIG A. K., Ozkutuk N., Surucuoglu S., et al.  
MIKROBIYOLOJİ BULTENİ, cilt.50, sa.1, ss.140-146, 2016 (SCI-Expanded)
- XVII. **Photonuclear reactions with zinc: A case for clinical linacs**  
Boztosun I., Dapo H., Karakoç M., Özmen S. F., Cecen Y., Çoban A. Y., Caner T., Bayram E., Saito T. R., Akdogan T., et al.  
EUROPEAN PHYSICAL JOURNAL PLUS, cilt.130, sa.9, 2015 (SCI-Expanded)
- XVIII. **Evaluation of four colourimetric susceptibility tests for the rapid detection of multidrug-resistant *Mycobacterium tuberculosis* isolates**  
Coban A. Y., Akbal A. U., UZUN M., Durupinar B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.110, sa.5, ss.649-654, 2015 (SCI-Expanded)
- XIX. **Seasonal and Regional Distribution of Tularemia Cases in Amasya, Turkey**  
Yanik K., Sariaydin M., UZUN M. O., Coban A. Y., SECILMIS H. L.  
MIKROBIYOLOJİ BULTENİ, cilt.49, sa.1, ss.139-141, 2015 (SCI-Expanded)
- XX. **Detection of the First *QnrS* Gene Positivity in Aquatic *Aeromonas* spp. Isolates in Turkey**  
Onuk E. E., ÇAYCI Y. T., Coban A. Y., Ciftci A., BALTA F., Didinen B. I., ALTUN S., unlu M. S., Deveci A.  
MIKROBIYOLOJİ BULTENİ, cilt.49, sa.1, ss.114-123, 2015 (SCI-Expanded)
- XXI. **Antimicrobial susceptibility and resistance mechanisms of methicillin resistant *Staphylococcus aureus* isolated from 12 Hospitals in Turkey**  
Yildiz O., Coban A. Y., Sener A. G., COSKUNER S. A., BAYRAMOĞLU G., GÜDÜCÜOĞLU H., OZYURT M., Tatman-Otkun M., KARABİBER N., Ozkutuk N., et al.  
ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS, cilt.13, 2014 (SCI-Expanded)
- XXII. **Optimum management of *Citrobacter koseri* infection**  
Deveci A., Coban A. Y.  
EXPERT REVIEW OF ANTI-INFECTIVE THERAPY, cilt.12, sa.9, ss.1137-1142, 2014 (SCI-Expanded)
- XXIII. **Investigation of plasmid-mediated quinolone resistance in *Pseudomonas aeruginosa* clinical isolates**  
ÇAYCI Y. T., Coban A. Y., Gunaydin M.  
INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, cilt.32, sa.3, ss.285-289, 2014 (SCI-Expanded)
- XXIV. **Efficacy of different instrumentation techniques on reducing *Enterococcus faecalis* infection in experimentally infected root canals**  
Demiryurek E. O., Kalyoncuoglu E., Duran E., Coban A. Y., Cayci Y. T.  
JOURNAL OF DENTAL SCIENCES, cilt.9, sa.1, ss.23-28, 2014 (SCI-Expanded)
- XXV. **Antimicrobial and Antioxidant Activity of the Essential Oil of the Turkish Endemic Species *Achillea phrygia* Boiss. & Bal.**  
Akcın A., Akcın T. A., SEYİS F., Coban A. Y., Durupinar B.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, cilt.17, sa.2, ss.219-227, 2014 (SCI-Expanded)
- XXVI. **Nitrate Reductase Assay for the Rapid Detection of *Staphylococcus aureus* Methicillin Resistance: A Breakpoint Susceptibility Testing Method**  
Coban A. Y., DEMİRPEK U., Ciftci A., Bozdogan B.  
MIKROBIYOLOJİ BULTENİ, cilt.48, sa.1, ss.40-47, 2014 (SCI-Expanded)

- XXVII. **Nitrate Reductase Assay for Rapid Detection of Isoniazid, Rifampin, Ethambutol, and Streptomycin Resistance in Mycobacterium tuberculosis: a Systematic Review and Meta-Analysis**  
Coban A. Y., Deveci A., Sunter A. T., MARTIN A.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.52, sa.1, ss.15-19, 2014 (SCI-Expanded)
- XXVIII. **Evaluation of Agar-Based Medium with Sheep Sera for Testing of Drug Susceptibility of Mycobacterium tuberculosis to Isoniazid, Rifampin, Ethambutol, and Streptomycin**  
Coban A. Y., UZUN M., Bozdogan B.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.51, sa.12, ss.4243-4245, 2013 (SCI-Expanded)
- XXIX. **Rapid detection of multidrug-resistant Mycobacterium tuberculosis using the malachite green decolourisation assay**  
Coban A. Y., UZUN M.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.108, sa.8, ss.1021-1023, 2013 (SCI-Expanded)
- XXX. **t030 is the Most Common spa Type Among Methicillin-Resistant Staphylococcus aureus Strains Isolated from Turkish Hospitals**  
Bozdogan B., Yildiz O., Oryasin E., Kirdar S., Gulcu B., Aktepe O., Arslan U., BAYRAMOĞLU G., Coban A. Y., COSKUNER S. A., et al.  
MIKROBIYOLOJİ BULTENİ, cilt.47, sa.4, ss.571-581, 2013 (SCI-Expanded)
- XXXI. **Investigation of biofilm formation in Acinetobacter baumannii isolates and their colistin susceptibilities in biofilm**  
Sezgin F. M., Coban A. Y., Gunaydin M.  
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, cilt.41, sa.2, ss.199, 2013 (SCI-Expanded)
- XXXII. **Blood Agar Validation for Susceptibility Testing of Isoniazid, Rifampicin, Ethambutol, and Streptomycin to Mycobacterium tuberculosis Isolates**  
Coban A. Y.  
PLOS ONE, cilt.8, sa.2, 2013 (SCI-Expanded)
- XXXIII. **In Vitro Effect of Ankaferd Blood Stopper (R), a Plant Extract Against Mycobacterium tuberculosis Isolates**  
Deveci A., Coban A. Y., Tanriverdi Cayci Y., Acicbe O., Tasdelen Fisgin N., AKGUNES A., Ozatli D., UZUN M., Durupinar B.  
MIKROBIYOLOJİ BULTENİ, cilt.47, sa.1, ss.71-78, 2013 (SCI-Expanded)
- XXXIV. **Chemical Composition and Antimicrobial Activity of the Essential Oil of Endemic Heracleum platytaenium Boiss. from Turkey**  
Akcin A., SEYİS F., Akcin T. A., Cayci Y. T., Coban A. Y.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, cilt.16, sa.2, ss.166-171, 2013 (SCI-Expanded)
- XXXV. **In vitro effects of sulbactam combinations with different antibiotic groups against clinical Acinetobacter baumannii isolates**  
Deveci A., Coban A. Y., Acicbe O., Tanyel E., Yaman G., Durupinar B.  
JOURNAL OF CHEMOTHERAPY, cilt.24, sa.5, ss.247-252, 2012 (SCI-Expanded)
- XXXVI. **Comparative evaluation of the microplate nitrate reductase assay and the rezasurin microtitre assay for the rapid detection of multidrug resistant Mycobacterium tuberculosis clinical isolates**  
Coban A. Y., UZUN M., AKGUNES A., Durupinar B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.107, sa.5, ss.578-581, 2012 (SCI-Expanded)
- XXXVII. **Investigation of Plasmid-Mediated Quinolone Resistance Determinants in Enterobacteriaceae: A Multicenter Study**  
Coban A. Y., NOHUT O. K., Cayci Y. T., BAYRAMOĞLU G., PIRINCCILER M., CETINKAYA E., CIHAN C. C., Bozdogan B., Durupinar B.  
MIKROBIYOLOJİ BULTENİ, cilt.46, sa.3, ss.366-374, 2012 (SCI-Expanded)
- XXXVIII. **Rapid Determination of Methicillin Resistance among Staphylococcus aureus Clinical Isolates by Colorimetric Methods**  
Coban A. Y.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.50, sa.7, ss.2191-2193, 2012 (SCI-Expanded)

- XXXIX. **Rapid Direct Testing of Susceptibility of Mycobacterium tuberculosis to Isoniazid and Rifampin on Nutrient and Blood Agar in Resource-Starved Settings**  
SATTI L., IKRAM A., Coban A. Y., MARTIN A.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.50, sa.5, ss.1659-1662, 2012 (SCI-Expanded)
- XL. **Effect of nuclear deformation on alpha-decay half-lives**  
ÇOBAN A. Y., BAYRAK O., Soylu A., BOZTOSUN İ.  
PHYSICAL REVIEW C, cilt.85, sa.4, 2012 (SCI-Expanded)
- XL1. **Evaluation of Blood Agar Medium for the Growth of Mycobacteria**  
Coban A. Y., AKGUNES A., Durupinar B.  
MIKROBIYOLOJİ BULTENİ, cilt.45, sa.4, ss.617-622, 2011 (SCI-Expanded)
- XLII. **Investigation of Plasmid-Mediated Quinolone Resistance in Pseudomonas aeruginosa Strains Isolated from Cystic Fibrosis Patients**  
Coban A. Y., Cayci Y. T., Yildirim T., ERTURAN Z., Durupinar B., Bozdogan B.  
MIKROBIYOLOJİ BULTENİ, cilt.45, sa.4, ss.602-608, 2011 (SCI-Expanded)
- XLIII. **Serum galectin-3 levels in patients with Behcet's disease: association with disease activity over a long-term follow-up**  
Ozden M. G., Cayci Y. T., Tekin H., Coban A. Y., Aydin F., Senturk N., Bek Y., Canturk T., Turanli A. Y.  
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, cilt.25, sa.10, ss.1168-1173, 2011 (SCI-Expanded)
- XLIV. **Correlation Between Serum Galectin-3 Levels and Disease Severity in Psoriasis Vulgaris**  
Ozden M. G., Denizli H., Cayci Y. T., Coban A. Y., Aydin F., Senturk N., Canturk T., Turanli A. Y.  
TURKDERM-TURKISH ARCHIVES OF DERMATOLOGY AND VENEREOLOGY, cilt.45, sa.3, ss.152-154, 2011 (SCI-Expanded)
- XLV. **Rapid detection of methicillin resistance in Staphylococcus aureus isolates; evaluation of colorimetric Quicolor ES agar and determination of breakpoint inhibition zone diameters of cefoxitin**  
Coban A. Y., Demirpek U., Yildirim T., Cayci Y. T., KOCAGÖZ Z. T., Durupinar B.  
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, cilt.27, sa.8, ss.1901-1904, 2011 (SCI-Expanded)
- XLVI. **Phenotypic and molecular characterization of Yersinia ruckeri isolates from Rainbow Trout (Oncorhynchus mykiss, Walbaum, 1792) in Turkey**  
Onuk E. E., Ciftci A., Findik A., Ciftci G., ALTUN S., BALTA F., Ozer S., Coban A. Y.  
BERLINER UND MÜNCHENER TIERÄRZTLICHE WOCHENSCHRIFT, cilt.124, sa.7-8, ss.320-328, 2011 (SCI-Expanded)
- XLVII. **Investigation of Panton-Valentine Leukocidin Presence in the Clinical Strains of Staphylococcus aureus**  
CIRIT O. S., Yildirim T., Coban A. Y.  
BALKAN MEDICAL JOURNAL, cilt.28, sa.2, ss.119-124, 2011 (SCI-Expanded)
- XLVIII. **A rapid detection of multidrug-resistant Mycobacterium tuberculosis by a nitrate reductase assay on blood agar**  
Coban A. Y., Cayci Y. T., Deveci A., AKGUNES A., UZUN M., Durupinar B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.106, sa.3, ss.378-380, 2011 (SCI-Expanded)
- XLIX. **In vitro effect of tigecycline against Mycobacterium tuberculosis and a review of the available drugs for tuberculosis**  
Coban A. Y., Deveci A., Cayci Y. T., UZUN M., AKGUNES A., Durupinar B.  
AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, cilt.5, sa.3, ss.311-315, 2011 (SCI-Expanded)
- L. **Effect of 1-(1-Naphtylmethyl)-piperazine, an Efflux Pump Inhibitor, on Antimicrobial Drug Susceptibilities of Clinical Acinetobacter baumannii Isolates**  
Coban A. Y., Guney A. K., Cayci Y. T., Durupinar B.  
CURRENT MICROBIOLOGY, cilt.62, sa.2, ss.508-511, 2011 (SCI-Expanded)
- LI. **Human leucocyte antigens and cytokine gene polymorphisms and tuberculosis**  
Akgunes A., Coban A. Y., Durupinar B.  
INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, cilt.29, sa.1, ss.28-32, 2011 (SCI-Expanded)

- LII. **Testing Susceptibility of Multidrug-Resistant Mycobacterium tuberculosis to Second-Line Drugs by Use of Blood Agar**  
 ŞATANA D., Coban A. Y., UZUN M.  
 JOURNAL OF CLINICAL MICROBIOLOGY, cilt.48, sa.11, ss.4291-4293, 2010 (SCI-Expanded)
- LIII. **Investigation of in vitro effects of daptomycin, tigecycline and teicoplanin combinations against MRSA, VISA and VRE strains**  
 Coban A. Y., Deveci A., Acicbe O., Fisgin N. T., Ciftci A., DOKUZOGUZ B., Durupinar B.  
 AFRICAN JOURNAL OF MICROBIOLOGY RESEARCH, cilt.4, sa.21, ss.2269-2274, 2010 (SCI-Expanded)
- LIV. **The effect of tigecycline and ertapenem against clinical isolates of Brucella melitensis detected by E-test on different media**  
 Tanyel E., Coban A. Y., Fisgin N. T., Tulek N.  
 INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, cilt.28, sa.4, ss.370-371, 2010 (SCI-Expanded)
- LV. **The Value of Neopterin and Procalcitonin in Patients with Sepsis**  
 Fisgin N. T., ALIYAZICIOGLU Y., TANYEL E., Coban A. Y., ULGER F., ZIVALIOGLU M., ESEN S., LEBLEBICIOGLU H.  
 SOUTHERN MEDICAL JOURNAL, cilt.103, sa.3, ss.216-219, 2010 (SCI-Expanded)
- LVI. **INVESTIGATION OF THE IN VITRO ANTIBACTERIAL EFFECTS OF STATINS**  
 Coban A. Y., Tekeli H. O., Guney A. K., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.44, sa.1, ss.161-163, 2010 (SCI-Expanded)
- LVII. **INVESTIGATION OF BIOFILM FORMATION AND RELATIONSHIP WITH GENOTYPE AND ANTIBIOTIC SUSCEPTIBILITY OF PSEUDOMONAS AERUGINOSA STRAINS ISOLATED FROM PATIENTS WITH CYSTIC FIBROSIS**  
 Coban A. Y., Ciftci A., Onuk E. E., ERTURAN Z., Cayci Y. T., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.43, sa.4, ss.563-573, 2009 (SCI-Expanded)
- LVIII. **Effects of Efflux Pump Inhibitors Phenyl-Arginine-beta-Naphthylamide and 1-(1-Naphthylmethyl)-Piperazine on the Antimicrobial Susceptibility of Pseudomonas aeruginosa Isolates from Cystic Fibrosis Patients**  
 Coban A. Y., Cayci Y. T., ERTURAN Z., Durupinar B.  
 JOURNAL OF CHEMOTHERAPY, cilt.21, sa.5, ss.592-594, 2009 (SCI-Expanded)
- LIX. **INVESTIGATION OF ANTIBACTERIAL ACTIVITY OF SERTRALIN**  
 Coban A. Y., Cayci Y. T., Uludag S. K., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.43, sa.4, ss.651-656, 2009 (SCI-Expanded)
- LX. **EFFECT OF EFFLUX PUMP INHIBITOR 1-(1-NAPHTHYLMETHYL)-PIPERAZINE TO MIC VALUES OF CIPROFLOXACIN IN CIPROFLOXACIN RESISTANT GRAM-NEGATIVE BACTERIA**  
 Coban A. Y., Bayram Z., Sezgin F. M., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.43, sa.3, ss.457-461, 2009 (SCI-Expanded)
- LXI. **EFFECT OF LINEZOLID IN COMBINATION WITH ISONIAZID AND RIFAMPICIN AGAINST MULTIDRUG RESISTANT MYCOBACTERIUM TUBERCULOSIS CLINICAL ISOLATES**  
 Coban A. Y., Bilgin K., UZUN M., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.43, sa.2, ss.293-297, 2009 (SCI-Expanded)
- LXII. **Antimicrobial activity of plant extract Ankaferd Blood Stopper (R)**  
 Fisgin N. T., Cayci Y. T., Coban A. Y., Ozatli D., Tanyel E., Durupinar B., Tulek N.  
 FITOTERAPIA, cilt.80, sa.1, ss.48-50, 2009 (SCI-Expanded)
- LXIII. **IN VITRO EFFECT OF REACTIVE NITROGEN AND OXYGEN INTERMEDIATES ALONE AND IN COMBINATION WITH SOME ANTIBIOTICS AGAINST BRUCELLA MELITENSIS CLINICAL ISOLATES**  
 Tanyel E., Coban A. Y., Fisgin N. T., Tulek N., Durupinar B.  
 MIKROBIYOLOJI BULTENI, cilt.43, sa.1, ss.19-26, 2009 (SCI-Expanded)
- LXIV. **Comparative Study for Determination of Mycobacterium tuberculosis Susceptibility to First- and Second-Line Antituberculosis Drugs by the Etest Using 7H11, Blood, and Chocolate Agar**  
 Coban A. Y., Bilgin K., UZUN M., Akgunes A., YUSOF A., Durupinar B.  
 JOURNAL OF CLINICAL MICROBIOLOGY, cilt.46, sa.12, ss.4095-4098, 2008 (SCI-Expanded)
- LXV. **Does exogenous nitric oxide influence tymanosclerosis? An experimental study**

- Atmaca S., Erol Y., Coban A. Y., Yildiz L., Cengel S., Koyuncu M.  
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, cilt.72, sa.12, ss.1845-1848, 2008 (SCI-Expanded)
- LXVI. **INVESTIGATION OF THE EFFECT OF EFFLUX PUMP INHIBITORS TO MIC VALUES OF CIPROFLOXACIN IN CLINICAL ISOLATES OF PSEUDOMONAS AERUGINOSA, ESCHERICHIA COLI, ACINETOBACTER BAUMANNII AND STAPHYLOCOCCUS AUREUS**  
Cetinkaya E., Coban A. Y., Durupinar B.  
MIKROBIYOLOJİ BULTENİ, cilt.42, sa.4, ss.553-561, 2008 (SCI-Expanded)
- LXVII. **Susceptibility testing of Mycobacterium tuberculosis isolates to primary antituberculous drugs on chocolate agar: A preliminary study**  
Coban A. Y., Bilgin K., AKGUENES A., Durupinar B.  
MIKROBIYOLOJİ BULTENİ, cilt.42, sa.3, ss.477-481, 2008 (SCI-Expanded)
- LXVIII. **Effect of meropenem against multidrug-resistant Mycobacterium tuberculosis**  
Coban A. Y., Bilgin K., Fisgin N. T., UZUN M., Durupinar B.  
JOURNAL OF CHEMOTHERAPY, cilt.20, sa.3, ss.395-396, 2008 (SCI-Expanded)
- LXIX. **Evaluation of blood agar for susceptibility testing of Mycobacterium tuberculosis against first-line antituberculous drugs: Results from two centers**  
Coban A. Y., MARTIN A., UZUN M., Bilgin K., PALOMINO J. C., Durupinar B.  
JOURNAL OF CHEMOTHERAPY, cilt.20, sa.3, ss.388-390, 2008 (SCI-Expanded)
- LXX. **Antimicrobial effect of nitric oxide**  
Coban A. Y.  
SALUD I CIENCIA, cilt.16, sa.1, ss.1340-1341, 2008 (SCI-Expanded)
- LXXI. **Plasma endothelin-1 levels in patients with sudden sensorineural hearing loss**  
Koyuncu M., Atmaca S., Coban A. Y., Basar F., Civici S.  
MEDITERRANEAN JOURNAL OF OTOLOGY, cilt.4, sa.2, ss.86-91, 2008 (SCI-Expanded)
- LXXII. **Mutant prevention concentrations of tetracycline, rifampicin and ciprofloxacin for Brucellae melitensis**  
Coban A. Y., TANYEL E., FISGIN N. T., DARKA O., TULEK N., DURUPINAR B.  
JOURNAL OF CHEMOTHERAPY, cilt.19, sa.5, ss.596-598, 2007 (SCI-Expanded)
- LXXIII. **T helper 1 type cytokines polymorphisms: association with susceptibility to Behcet's disease**  
ALAYLI G., AYDIN F., Coban A. Y., SUELLUE Y., CANTUERK F., BEK Y., DURUPINAR B., CANTUERK T.  
CLINICAL RHEUMATOLOGY, cilt.26, sa.8, ss.1299-1305, 2007 (SCI-Expanded)
- LXXIV. **Actual antibiotic resistance pattern of Brucella melitensis in central Anatolia - An update from an endemic region**  
TANYEL E., Coban A. Y., KORUK S. T., SIMSEK H., HEPSEK S., CIRIT O. S., TULEK N.  
SAUDI MEDICAL JOURNAL, cilt.28, sa.8, ss.1239-1242, 2007 (SCI-Expanded)
- LXXV. **Short communication: Use of cefoxitin disc diffusion method for the detection of methicillin resistance in Staphylococcus aureus clinical isolates**  
Coban A. Y., DARKA O., FISGIN N. T., TANYEL E. A., SENSOY E. C., HEPSEK S. A., BIRINCI A., DURUPINAR B.  
MIKROBIYOLOJİ BULTENİ, cilt.41, sa.1, ss.109-113, 2007 (SCI-Expanded)
- LXXVI. **Unacceptable performance and the lack of reproducibility results in the report of colorimetric methods for early detection of vancomycin and oxacillin resistance in Staphylococcus aureus - Reply**  
Coban A. Y., Bozdogan B., Durupinar B., Appelbaum P. C.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.44, sa.6, ss.2319, 2006 (SCI-Expanded)
- LXXVII. **Blood agar for susceptibility testing of Mycobacterium tuberculosis against first-line drugs**  
Coban A. Y., CIHAN C., BILGIN K., UZUN M., AKGUNES A., CETINKAYA E., DURUPINAR B.  
INTERNATIONAL JOURNAL OF TUBERCULOSIS AND LUNG DISEASE, cilt.10, sa.4, ss.450-453, 2006 (SCI-Expanded)
- LXXVIII. **Rapid susceptibility test for Mycobacterium tuberculosis to isoniazid and rifampin with resazurin method in screw-cap tubes**  
Coban A. Y., Cihan C. C., BILGIN K., UZUN M., AKGUNES A., CETINKAYA E., DURUPINAR B.  
JOURNAL OF CHEMOTHERAPY, cilt.18, sa.2, ss.140-143, 2006 (SCI-Expanded)

- LXXIX. **Two new colorimetric methods for early detection of vancomycin and oxacillin resistance in *Staphylococcus aureus***  
Coban A. Y., BOZDOGAN B., CIHAN C., CETINKAYA E., BILGIN K., DARKA O., AKGUNES A., DURUPINAR B., APPELBAUM P.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.44, sa.2, ss.580-582, 2006 (SCI-Expanded)
- LXXX. **The resazurin microplate method for rapid detection of vancomycin resistance in enterococci**  
Coban A. Y., DARKA O., FISGIN N., CIHAN C., BILGIN K., AKGUNES A., GUVEN T., DOKUZOGUZ B., BIRINCI A., DURUPINAR B.  
JOURNAL OF CHEMOTHERAPY, cilt.17, sa.4, ss.361-366, 2005 (SCI-Expanded)
- LXXXI. **Susceptibilities of *Mycobacterium tuberculosis* to isoniazid and rifampin on blood agar**  
Coban A. Y., BILGIN K., UZUN M., FISGIN N., AKGUNES A., CIHAN C., BIRINCI A., DURUPINAR B.  
JOURNAL OF CLINICAL MICROBIOLOGY, cilt.43, sa.4, ss.1930-1931, 2005 (SCI-Expanded)
- LXXXII. **Drug susceptibility testing of *Mycobacterium tuberculosis* with nitrate reductase assay**  
Coban A. Y., BIRINCI A., EKINCI B. T., DURUPINAR B.  
INTERNATIONAL JOURNAL OF ANTIMICROBIAL AGENTS, cilt.24, sa.3, ss.304-306, 2004 (SCI-Expanded)
- LXXXIII. **Effects of acetyl salicylate and ibuprofen on fluoroquinolone MICs on *Salmonella enterica* serovar typhimurium in vitro**  
Coban A. Y., BIRINCI A., EKINCI B. T., DURUPINAR B.  
JOURNAL OF CHEMOTHERAPY, cilt.16, sa.2, ss.128-133, 2004 (SCI-Expanded)
- LXXXIV. **HLA alleles and lung cancer in a Turkish population**  
OZBEK N., BIRINCI A., KARAOGLANOGLU O., Coban A. Y., OKUMUS B., CAKIR S., DURUPINAR B.  
ANNALS OF SAUDI MEDICINE, cilt.24, sa.2, ss.106-111, 2004 (SCI-Expanded)
- LXXXV. **Drug susceptibility testing of *Mycobacterium tuberculosis* by the broth microdilution method with 7H9 broth**  
Coban A. Y., BIRINCI A., EKINCI B. T., DURUPINAR B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.99, sa.1, ss.111-113, 2004 (SCI-Expanded)
- LXXXVI. **A multidrug efflux pump inhibitor reduces fluoroquinolone resistance in *Pseudomonas aeruginosa* isolates**  
Coban A. Y., EKINCI B. T., DURUPINAR B.  
CHEMOTHERAPY, cilt.50, sa.1, ss.22-26, 2004 (SCI-Expanded)
- LXXXVII. **The effect of nitric oxide combined with fluoroquinolones against *Salmonella enterica* serovar Typhimurium in vitro**  
Coban A. Y., DURUPINAR B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.98, sa.3, ss.419-423, 2003 (SCI-Expanded)
- LXXXVIII. **In vitro effects of cefotaxime and ceftriaxone on *Salmonella typhi* within human monocyte-derived macrophages**  
EKINCI B. T., Coban A. Y., BIRINCI A., DURUPINAR B., ERTURK M.  
CLINICAL MICROBIOLOGY AND INFECTION, cilt.8, sa.12, ss.810-813, 2002 (SCI-Expanded)
- LXXXIX. **Comparison of the proportion method with mycobacteria growth indicator tube and E-test for susceptibility testing of *Mycobacterium tuberculosis***  
BIRINCI A., Coban A. Y., EKINCI B. T., DURUPINAR B.  
MEMORIAS DO INSTITUTO OSWALDO CRUZ, cilt.97, sa.3, ss.351-352, 2002 (SCI-Expanded)
- XC. **In vitro effects of ampicillin, ciprofloxacin and ofloxacin on *Salmonella typhi* within human monocyte-derived macrophages**  
EKINCI B. T., Coban A. Y., DURUPINAR B.  
JOURNAL OF CHEMOTHERAPY, cilt.13, sa.6, ss.661-663, 2001 (SCI-Expanded)
- XCI. **A comparison of the E-test and proportion methods for susceptibility testing of *Mycobacterium tuberculosis***  
SANIC A., GUNAYDIN M., Coban A. Y., TOKAC M., CETIN M.  
JOURNAL OF CHEMOTHERAPY, cilt.12, sa.6, ss.491-494, 2000 (SCI-Expanded)



## Diğer Dergilerde Yayınlanan Makaleler

- I. **Antimicrobial Effectiveness of Hypochlorous Acid in Infected Dentin Tubules: A Pilot Study**  
KOÇ DEVECİ S., KIRICI D., KUŞTARCI A., BULUT N., YILDIRIM K., ÇOBAN A. Y.  
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, cilt.15, ss.56-62, 2025 (ESCI)
- II. **The in vitro and in silico assessment of the proliferative and angiogenic potential of Substance K: Interaction of Substance K between the Neurokinin-1, Neurokinin-2, and Tie-2 receptor proteins**  
ŞİMŞEK E., TANYEL AKÇİT E., YILDIRIM K., KOÇAK O., BOZKURT S., ÇOBAN A. Y.  
Chemical Biology Letters, cilt.11, sa.4, 2024 (ESCI)
- III. **MYCOBACTERIUM TUBERCULOSIS İZOLATLARININ BİRİNCİ SEÇENEK ANTI-TÜBERKÜLOZ İLAÇLARA DUYARLILIĞININ YENİ BİR AGAR BESİYERİ İLE TEST EDİLEREK DEĞERLENDİRİLMESİ**  
SALEHİ MOHARER M., YILDIRIM K., ÇOBAN A. Y.  
ANKEM Dergisi, cilt.37, sa.3, ss.82-88, 2023 (Hakemli Dergi)
- IV. **Tip 2 Diyabetli Bireylerde Diyet Kalitesi ve Beslenme Durumları Arasındaki İlişkinin Belirlenmesi**  
ŞEŞEN F., ÇOBAN A. Y., Tekin S.  
Türkiye Diyabet ve Obezite Dergisi , cilt.7, sa.1, ss.17-29, 2023 (Hakemli Dergi)
- V. **Stevia rebaudiana (Bertoni)'nın Antioksidan, Antimikrobiyal ve Antidiyabetik Özellikleri: Sistematik Derleme**  
Kalaycı Z., KAMARLI ALTUN H., ÇOBAN A. Y.  
Journal of Literature Pharmacy Sciences, sa.10, ss.268-75, 2021 (Hakemli Dergi)
- VI. **Validation of a Novel Medium for Drug Susceptibility Testing of Mycobacterium Tuberculosis against First- and Second-Line Drugs: AYC.2.2 Agar and AYC.2.1 Broth**  
ÇOBAN A. Y.  
INTERNATIONAL JOURNAL OF MYCOBACTERIOLOGY, cilt.10, sa.1, ss.19-25, 2021 (ESCI)
- VII. **Stevia rebaudiana (Bertoni)'nın Antioksidan, Antimikrobiyal ve Antidiyabetik Özellikleri: Sistematik Derleme**  
KALAYCI Z., KAMARLI ALTUN H., ÇOBAN A. Y.  
Literatür Eczacılık Bilimleri Dergisi, cilt.10, sa.2, ss.268-275, 2021 (Hakemli Dergi)
- VIII. **Colorimetric methods for rapid determination of pyrazinamide resistance**  
Akbal A. U., DURUPINAR B., ÇOBAN A. Y.  
INTERNATIONAL JOURNAL OF MYCOBACTERIOLOGY, cilt.9, sa.3, ss.274-280, 2020 (ESCI)
- IX. **Crystal violet decolorization assay for rapid detection of multidrug-resistant Mycobacterium tuberculosis isolates: A multicenter study**  
ÇOBAN A. Y., Alakbarova G., Satti L., Tayyab N., Zeman G., Morcillo N., Imperiale B., Wainmayer I., Simboli N.  
INTERNATIONAL JOURNAL OF MYCOBACTERIOLOGY, cilt.7, sa.4, ss.310-314, 2018 (ESCI)

## Kitaplar

- I. **Kolon Kanseri Hastalarında Beslenme Yönetimi**  
ALTINKAYNAK A., ŞİMŞEK E., YILDIRIM K., ÇOBAN A. Y.  
BESLENME VE DİYETETİKTE İLERİ ARAŞTIRMALAR, ŞİMŞEK ECE, Editör, YAZ YAYINEVİ, ss.83-102, 2024

## Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. **IN VITRO CULTURE MODELS IN LATENT TUBERCULOSIS INFECTION**  
ATAŞ C., LİCİNA M., YILDIRIM K., ŞİMŞEK E., ÇOBAN A. Y.  
4TH INTERNATIONAL LATIN AMERICAN CONGRESS ON NATURAL AND APPLIED SCIENCES, Rio de Janeiro, Brezilya, 13 Mart 2023, ss.189-196
- II. **INVESTIGATION OF THE BLOOD MICROBIOME PROFILE**

GÖRGÜÇ S., ATAŞ C., YILDIRIM K., ŞİMŞEK E., ÇOBAN A. Y.

4TH INTERNATIONAL LATIN AMERICAN CONGRESS ON NATURAL AND APPLIED SCIENCES, Brezilya, 13 Mart 2023, ss.176-188

III. **Probiyotikler ve SİBO**

PEKŞEN İ. S., UÇAROĞLU A. K., UZUNER F., YILDIRIM K., ŞİMŞEK E., ÇOBAN A. Y.

INTERNATIONAL EUROPA SCIENTIFIC RESEARCHES CONGRESS, Ankara, Türkiye, 26 Şubat 2023, ss.124-128

IV. **The Importance of Bedaquiline in the Treatment of Multidrug-Resistant Tuberculosis**

LİCİNA M., ATAŞ C., YILDIRIM K., TANYEL AKÇİT E., ŞİMŞEK E., ÇOBAN A. Y.

INTERNATIONAL EUROPA SCIENTIFIC RESEARCHES CONGRESS, Ankara, Türkiye, 26 Şubat 2023, ss.121-123

V. **AİLESEL AKDENİZ ATEŞİ (FMF) DİNMEYEN BİR SANCİ MI ?**

BARAN M., KOÇAK O., TANYEL AKÇİT E., ŞİMŞEK E., YILDIRIM K., ÇOBAN A. Y.

1st International Conference on Trends in Advanced Research ICTAR 2023, Konya, Türkiye, 4 - 07 Mart 2023, cilt.1, ss.473

VI. **Probiyotikler ve SİBO**

Pekşen İ. S., Uçaroğlu A. K., Uzuner F., YILDIRIM K., ŞİMŞEK E., ÇOBAN A. Y.

International Europa Scientific Research Congress, Türkiye, 26 Şubat 2023

VII. **The Importance of Bedaquiline in the treatment of multidrug resistant tuberculosis**

Licina M., Ataş C., YILDIRIM K., Tanyel Akçit E., ŞİMŞEK E., ÇOBAN A. Y.

International Europa Scientific Researches Congress, Türkiye, 26 Şubat 2023

VIII. **İnokulum Miktarı {Mycobacterium tuberculosis} Suşlarının İlaç Duyarlılık Sonuçlarını Gerçekten Etkiliyor mu? Yoksa Bu Sadece Bir Varsayım mı?**

YILDIRIM K., ATAŞ C., ŞİMŞEK E., ÇOBAN A. Y.

XL. ULUSLARARASI TÜRK MİKROBİYOLOJİ KONGRESİ, 16 Kasım 2022

IX. **Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay**

CAVALLARO M., CAPPUZZELLO F., AGODI C., ACOSTA L., AUERBACH N., BELLONE J., BIJKER R., BONANNO D., BONGIOVANNI D., Borello-Lewin T., et al.

12th International Spring Seminar on Nuclear Physics - Current Problems and Prospects for Nuclear Structure, İtalya, 15 - 19 Mayıs 2017, cilt.966

X. **The NUMEN Project @ LNS: Status and Perspectives**

CAPPUZZELLO F., AGODI C., ACOSTA L., AUERBACH N., BELLONE J., BIJKER R., BONANNO D., BONGIOVANNI D., Borello-Lewin T., BOZTOSUN İ., et al.

Workshop on Calculation of Double-Beta-Decay Matrix Elements (MEDEX), Prague, Çek Cumhuriyeti, 29 Mayıs - 02 Haziran 2017, cilt.1894

XI. **Photonuclear reactions induced by a clinical linac**

BOZTOSUN İ., DAPO H., KARAKOÇ M., ÖZMEN S. F., CECEN Y., ÇOBAN A. Y., CESUR A., CANER T., BAYRAM E., Saito T. R., et al.

1st NUBA International Conference on Nuclear Physics and Astrophysics, Antalya, Türkiye, 14 - 21 Eylül 2014, cilt.590

XII. **Host genetics and tuberculosis susceptibility**

Akgunep A., Durupynar B., Coban A. Y.

23rd European Immunogenetics and Histocompatibility Conference, Ulm, Almanya, 9 - 12 Mayıs 2009, cilt.73, ss.498

## Desteklenen Projeler

ÇOBAN A. Y., TÜBİTAK Projesi, Mycobacterium tuberculosis izolatlarının üretilmesi ve antibiyotik duyarlılıklarının belirlenmesi için yeni besiyeri geliştirilmesi, 2014 - 2017

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