

## Prof. ZÜHTÜ TANIL KOCAGÖZ

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 11977

### Biography

Tanil Kocagoz, M.D., Ph.D. studied in junior high school, Izmir Saint Joseph where he learned speaking French and in senior high school, Istanbul American Robert College where the curriculum was held in English. He received "Michael Hamilton Best Science Student Award" at graduation. Prof. Kocagöz graduated from Hacettepe University, School of Medicine, Ankara, in 1985. He worked as a director of a health center in Izmit for two and a half years as his conscription where he received a "Letter of Appreciation" from the Governor of Kocaeli for his important contributions to public health. Between 1988 and 1993 he completed Clinical Microbiology and Infectious Diseases residency program at Medical Microbiology Department of Hacettepe University Medical School, Ankara, Turkey, where he later became associate professor. Between 1992 and 1994 he worked as a researcher at University of California San Francisco, Microbial Pathogenesis Unit where he took part in cloning and sequencing of penicillin binding protein 2 (PBP2) of *Staphylococcus aureus* and identified mutations leading to fluoroquinolone resistance in *Mycobacterium tuberculosis*. After his return to Turkey he completed the Ph.D. program in biochemistry at the Medical Biochemistry Department of Hacettepe University. Development of new antimicrobials and rapid diagnostic tools for infectious diseases became his main areas of research. He moved to Istanbul in 2000 and dedicated himself to turn his inventions into products that will improve human health. For this purpose he took part in the foundation of R&D companies and concentrated his efforts for building a bridge between universities and industry in biotechnology. In 2004, he received the degree of Professor at Yeditepe University where he worked as the head of the Department of Medical Microbiology for four years. Since 2008 he is working in Acibadem Mehmet Ali Aydınlar University, Istanbul, Turkey. He is head of the departments of Medical Microbiology and Medical Biotechnology. He developed several original patented products in the area of diagnostic microbiology. "Bacit A" which lowers the time required for the diagnosis of Group A Beta Hemolytic Streptococci from two to one day, "Quicolor", a medium that enables antibiotic susceptibility testing in 4 to 6 hours instead of 24 hours, "Observable Real Time Electrophoresis –ORTE-", "Decomics", a decontamination and concentration method that eliminates the need for centrifugation and "TK Culture System", rapid culture system for the diagnosis of tuberculosis, "MyMagiCon" for concentration of microorganisms and macromolecules in biological fluids, can be counted among these. In 2010, ORTE (Observable Real Time Electrophoresis) received the award of "Akin Cakmakci" presented by Turkish Technology Development Fund (TTGV). TK is a rapid culture system for the diagnosis of tuberculosis, which was supported by Foundation for Innovative New Diagnostics (FIND), received "Eurowards Turkey" entrepreneurship award. Prof. Kocagöz has more than sixty scientific papers published in international journals and several poster awards. In 2011, Istanbul Physicians Association, "Medical Service Award" for his important contributions to the diagnostic methods of tuberculosis that can be used in resource-limited settings. In January 2022 he received Special Pandemia Fight Award Second Prize in Diagnostics from Turkish Academy of Sciences.

## Education Information

Doctorate, Hacettepe University, Tıp Fakültesi (Türkçe), Temel Tıp Bilimleri Bölümü, Turkey 1998 - 2001

Expertise In Medicine, Hacettepe University, Tıp Fakültesi (İngilizce), Temel Tıp Bilimleri Bölümü, Turkey 1988 - 1993

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr., Turkey 1979 - 1985

## Foreign Languages

French, C1 Advanced

English, C1 Advanced

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2008 - Continues

## Academic and Administrative Experience

Head of Department, Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences, Department Of Medical Biotechnology, 2016 - Continues

Head of Department, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2008 - Continues

Vice Dean, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, 2010 - 2017

Yeditepe University, 2004 - 2008

## Courses

Vaccine Technologies, Doctorate, 2023 - 2024, 2022 - 2023

Adaptive Immunity, Undergraduate, 2023 - 2024, 2022 - 2023

General structure of viruses, Undergraduate, 2023 - 2024, 2022 - 2023

Principles of Medical Biotechnology, Doctorate, 2023 - 2024, 2022 - 2023

Principles of Medical Microbiology, Undergraduate, 2023 - 2024

Complement System, Undergraduate, 2023 - 2024, 2022 - 2023

Principles of immunology, Undergraduate, 2023 - 2024, 2022 - 2023

Microbial Growth and Fermentation Technologies, Doctorate, 2023 - 2024, 2022 - 2023

Diagnostic Technologies, Doctorate, 2023 - 2024, 2022 - 2023

Polymerase Chain Reaction (PCR) and Real-time PCR, Doctorate, 2023 - 2024, 2022 - 2023

Tuberculosis (panel), Undergraduate, 2023 - 2024, 2022 - 2023

Antimicrobial agents, mechanisms of action and resistance , Undergraduate, 2023 - 2024, 2022 - 2023

Mycoplasma, Chlamydia, Rickettsiae, Undergraduate, 2023 - 2024, 2022 - 2023

DNA viruses, Undergraduate, 2023 - 2024, 2022 - 2023

Gene Editing and Gene Therapy Methods, Doctorate, 2023 - 2024, 2022 - 2023

Onkogenic viruses, Undergraduate, 2023 - 2024, 2022 - 2023

Microscopy Methods, Doctorate, 2023 - 2024, 2022 - 2023

DNA sequencing methods, Doctorate, 2023 - 2024, 2022 - 2023

Cellular components and cell disruption methods, Doctorate, 2023 - 2024, 2022 - 2023

Mutation Detection Methods, Doctorate, 2023 - 2024, 2022 - 2023

Mycobacteria, Actinomyces, Nocardia, Undergraduate, 2023 - 2024, 2022 - 2023

## Advising Theses

Mozioğlu E., Kocagöz Z. T., İnorganik Yüzeyle Bağlanabilen M13 Fajlarının Eldesi, Postgraduate, E.Aybakan(Student), Continues

Kocagöz Z. T., Development of a Peptide Based Gene Transfer Vector, Doctorate, M.Manteghi(Student), Continues

Kocagöz Z. T., Investigation of the Role of Microorganisms Including Nanobacteria in the Formation of Atheroma Plaques, Doctorate, F.Erdemir(Student), Continues

Kanlıdere Z., Kocagöz Z. T., Vankomisine Dirençli Stafilokok ve Enterokoklarda Penisilin Bağlayan Proteinlerdeki Değişikliklerin Araştırılması, Doctorate, N.Çağlayan(Student), Continues

Timuçin A. C., Kocagöz Z. T., Rational Peptide Design Towards Recognition of cTnI and copeptin, Postgraduate, B.Şentürk(Student), 2024

Timuçin A. C., Kocagöz Z. T., Rational Peptide Design Towards Recognition of FABP3 and Myoglobin, Postgraduate, B.Karadeniz(Student), 2024

Mozioğlu E., Kocagöz Z. T., Expression and Purification of Recombinant Mpt64 Protein in Escherichia Coli For Diagnosis of Tuberculosis by Skin Test, Postgraduate, E.Aksoy(Student), 2021

Kanlıdere Z., Kocagöz Z. T., Antimikrobiyal Peptitlerin Geliştirilmesi, Postgraduate, B.Zehra(Student), 2020

Mozioğlu E., Kocagöz Z. T., Engineering of Inorganic Binding M13 Phages As Phage Display Ligands, Postgraduate, E.Aybakan(Student), 2020

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

- I. **Metagenomic analysis of atheroma plaques for identification of microorganisms indicates presence of *Toxoplasma gondii* as a possible etiological agent**  
Erdemir F., Karabulut A., Aydın U., Guler S., Cicek A., Gokduman S. N., Eser E., Birdogan S., KOCAGÖZ Z. T.  
JOURNAL OF INFECTION AND PUBLIC HEALTH, vol.17, no.10, 2024 (SCI-Expanded)
- II. **Peptosome: A New Efficient Transfection Tool as an Alternative to Liposome**  
Manteghi M., CAN Ö., KOCAGÖZ Z. T.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.25, no.13, 2024 (SCI-Expanded)
- III. **Exploring the Molecular Mechanisms of Macrolide Resistance in Laboratory Mutant *Helicobacter pylori***  
Ayaş M., Oktem-Okullu S., Özcan O., Kocagöz T., Gürol Y.  
ANTIBIOTICS-BASEL, vol.13, no.5, 2024 (SCI-Expanded)
- IV. **A novel rapid bioluminescence-based antimicrobial susceptibility testing method based on adenosine triphosphate consumption**  
Sever E., Aybakan E., Besli Y., Karatuna O., KOCAGÖZ Z. T.  
FRONTIERS IN MICROBIOLOGY, vol.15, 2024 (SCI-Expanded)
- V. **In vitro efficacy of different PEGylation designs on cathelicidin-like peptide with high antibacterial and antifungal activity**  
Sahsuvar S., KOCAGÖZ Z. T., GÖK Ö., CAN Ö.  
SCIENTIFIC REPORTS, no.1, 2023 (SCI-Expanded)
- VI. **Simple and low-cost antibiotic susceptibility testing for Mycobacterium tuberculosis using screen-printed electrodes**  
GHORBANPOOR H., AKÇAKOCA İ., Dizaji A. N., Butterworth A., Corrigan D., Kocagöz T., Ebrahimi A., AVCI H., DOĞAN GÜZEL F.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.70, no.3, pp.1397-1406, 2023 (SCI-Expanded)

- VII. **A Novel Peptide-Based Detection of SARS-CoV-2 Antibodies**  
Bulut A., Temur B. Z., Kirmli C. E., Gok Ö., Balcioglu B. K., Ozturk H. U., Uyar N., Kanlidere Z., Kocagoz T., Can Ö.  
BIOMIMETICS, vol.8, no.1, 2023 (SCI-Expanded)
- VIII. **Comparison of a novel antigen detection test with reverse transcription polymerase chain reaction assay for laboratory diagnosis of SARS-CoV-2 infection**  
Cirit O. S., MUTLU E., SANCAK B., KOCAGÖZ Z. T., CAN Ö., Cicek C., SAYINER A. A., APPAK Ö., YURTTUTAN UYAR N., Kulah C., et al.  
INFECTIO, vol.51, no.1, pp.91-96, 2023 (SCI-Expanded)
- IX. **Colibactin possessing *E. coli* isolates in association with colorectal cancer and their genetic diversity among Pakistani population**  
Tariq H., Noreen Z., Ahmad A., Khan L., Ali M., Malik M., Javed A., Rasheed F., Fatima A., KOCAGÖZ Z. T., et al.  
PLOS ONE, vol.17, no.11 November, 2022 (SCI-Expanded)
- X. **A fully integrated rapid on-chip antibiotic susceptibility test-A case study for Mycobacterium smegmatis**  
Ghorbanpoor H., Dizaji A. N., AKÇAKOCA İ., Blair E. O., Ozturk Y., Hoskisson P., Kocagoz T., AVCI H., Corrigan D. K., DOĞAN GÜZEL F.  
SENSORS AND ACTUATORS A-PHYSICAL, vol.339, 2022 (SCI-Expanded)
- XI. **An electrochemical biosensor with integrated microheater to improve the sensitivity of electrochemical nucleic acid biosensors**  
AKÇAKOCA İ., GHORBANPOOR H., Blair E., Ozturk Y., Dizaji A. N., KOCAGÖZ Z. T., AVCI H., Corrigan D., DOĞAN GÜZEL F.  
JOURNAL OF MICROMECHANICS AND MICROENGINEERING, vol.32, no.4, 2022 (SCI-Expanded)
- XII. **Polymeric Approach to Adjuvant System in Antibody Production against Leishmaniasis Based on Hybridoma Technology**  
Yildiz A. P. Z., Koken G. Y., ABAMOR E. Ş., Bagirova M., Tosyali O. A., Kocagoz T., Allahverdiyev A.  
IRANIAN JOURNAL OF PARASITOLOGY, vol.17, no.4, pp.506-516, 2022 (SCI-Expanded)
- XIII. **Simple concentration method enables the use of gargle and mouthwash instead of nasopharyngeal swab sampling for the diagnosis of COVID-19 by PCR**  
KOCAGÖZ Z. T., CAN Ö., YURTTUTAN UYAR N., Aksoy E., Polat T., Cankaya D., Karakus B., MOZİOĞLU E., KOCAGÖZ A. S.  
EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES, vol.40, no.12, pp.2617-2622, 2021 (SCI-Expanded)
- XIV. **Label-free molecular detection of antibiotic susceptibility for Mycobacterium smegmatis using a low cost electrode format**  
DOĞAN GÜZEL F., Ghorbanpoor H., Dizaji A. N., AKÇAKOCA İ., Ozturk Y., Kocagoz T., Corrigan D. K., AVCI H.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.68, no.6, pp.1159-1166, 2021 (SCI-Expanded)
- XV. **A rapid, ultrasensitive voltammetric biosensor for determining SARS-CoV-2 spike protein in real samples**  
Liv L., Coban G., NAKİBOĞLU N., KOCAGÖZ Z. T.  
BIOSENSORS & BIOELECTRONICS, vol.192, 2021 (SCI-Expanded)
- XVI. **Silencing acpP gene via antisense oligonucleotide-niosome complex in clinical Pseudomonas aeruginosa isolates**  
Tekintas Y., Demir-Dora D., ERAÇ B., Erac Y., Yilmaz O., Aydemir S. S., KOCAGÖZ Z. T., Hosgor-Limoncu M.  
RESEARCH IN MICROBIOLOGY, vol.172, no.4-5, 2021 (SCI-Expanded)
- XVII. **Investigation of the Effect of Channel Structure and Flow Rate on On-Chip Bacterial Lysis**  
Dizaji A. N., Ozturk Y., GHORBANPOOR H., Cetak A., AKÇAKOCA İ., KOCAGÖZ Z. T., AVCI H., Corrigan D., DOĞAN GÜZEL F.  
IEEE TRANSACTIONS ON NANOBIOENGINEERING, vol.20, no.1, pp.86-91, 2021 (SCI-Expanded)
- XVIII. **Diversity of Leishmania Strains Isolated from Cutaneous Leishmaniasis Patients in Turkey and its Reflection to Clinics in Mice Model**  
Özbilgin A., Çulha G., Güray M., Zeyrek F., Akyar I., Töz S., Östan U., Kurt Ö., Kocagöz T., Çavuş İ., et al.

MIKROBIYOLOJİ BULTENİ, vol.54, no.3, pp.429-443, 2020 (SCI-Expanded)

- XIX. **Synthetic DNA molecules in biosensing of biofilms**  
Mozioglu E., Kocagoz T.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.100, no.4, pp.378-382, 2020 (SCI-Expanded)
- XX. **Isolation and identification of the mycobacteria responsible for camel tuberculosis in Algeria**  
Boukert R., KÖKSALAN O. K., KOCAGÖZ Z. T., Akcelik S., Ifticene M., Berber A., Saegerman C., Sahraoui N.  
REVUE SCIENTIFIQUE ET TECHNIQUE-OFFICE INTERNATIONAL DES EPIZOOTIES, vol.39, no.3, pp.675-697, 2020 (SCI-Expanded)
- XXI. **Biocidal activity of ROMP- polymer coatings containing quaternary phosphonium groups**  
Demir C., Ceren Süer N., Yapaöz M. A., Kébir N., Okullu S., Kocagöz T., EREN T.  
Progress in Organic Coatings, vol.135, pp.299-305, 2019 (SCI-Expanded)
- XXII. **Large-scale cultivation of Leishmania infantum promastigotes in stirred bioreactor**  
Aydogdu M., Bagirova M., Allahverdiyev A., Abamor E. S., Ozyilmaz O. A., Dinparvar S., Kocagoz T.  
JOURNAL OF VECTOR BORNE DISEASES, vol.56, no.4, pp.345-350, 2019 (SCI-Expanded)
- XXIII. **Simple Identification of Mycobacterial Species by Sequence-Specific Multiple Polymerase Chain Reactions**  
ÜNÜBOL N., Kizilkaya I. T., Okullu S., Koksalan K., Kocagoz T.  
Current Microbiology, vol.76, no.7, pp.791-798, 2019 (SCI-Expanded)
- XXIV. **Oligomer based real-time detection of microorganisms producing nuclease enzymes**  
Mozioglu E., Akyurek S., Gunduz S., Akgoz M., Goren A. C., KOCAGÖZ Z. T.  
ANALYST, vol.144, no.4, pp.1379-1385, 2019 (SCI-Expanded)
- XXV. **Rapid detection of beta-lactamase production including carbapenemase by thin layer chromatography**  
Kanlidere Z., Karatuna O., Kocagöz T.  
JOURNAL OF MICROBIOLOGICAL METHODS, vol.156, pp.15-19, 2019 (SCI-Expanded)
- XXVI. **Synthesis and evaluation of novel 1,3,4-thiadiazole-fluoroquinolone hybrids as antibacterial, antituberculosis, and anticancer agents**  
Demirci A., Karayel K. G., TATAR E., ÖKTEM OKULLU S., ÜNÜBOL N., Tasli P. N., KOCAGÖZ Z. T., Sahin F., KÜÇÜKGÜZEL İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.3, pp.839-858, 2018 (SCI-Expanded)
- XXVII. **Leishmaniasis in Turkey: first clinical isolation of Leishmania major from 18 autochthonous cases of cutaneous leishmaniasis in four geographical regions**  
Ozbilgin A., Culha G., UZUN S., Harman M., Topal S. G., Okudan F., Zeyrek F., GÜNDÜZ C., Ostan I., Karakus M., et al.  
TROPICAL MEDICINE & INTERNATIONAL HEALTH, vol.21, no.6, pp.783-791, 2016 (SCI-Expanded)
- XXVIII. **Detection of nuclease activity using a simple fluorescence based biosensor**  
Mozioglu E., Akgoz M., Kocagoz T., Tamerler C.  
Analytical Methods, vol.8, no.20, pp.4017-4021, 2016 (SCI-Expanded)
- XXIX. **Design, Synthesis, and Molecular Docking Studies of a Conjugated-Thiadiazole Thiourea Scaffold as Antituberculosis Agents**  
TATAR E., KARAKUŞ S., Kucukguzel S. G., Okullu S., ÜNÜBOL N., Kocagoz T., De Clercq E., Andrei G., Snoeck R., Pannecouque C., et al.  
BIOLOGICAL & PHARMACEUTICAL BULLETIN, vol.39, no.4, pp.502-515, 2016 (SCI-Expanded)
- XXX. **Selection of Nucleic Acid Aptamers Specific for Mycobacterium tuberculosis**  
Mozioglu E., Gokmen O., Tamerler C., KOCAGÖZ Z. T., Akgoz M.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, vol.178, no.4, pp.849-864, 2016 (SCI-Expanded)
- XXXI. **Antimicrobial activities of phosphonium containing polynorbornenes**  
SÜER N. B., Demir C., ÜNÜBOL N., Yalcin O., KOCAGÖZ Z. T., EREN T.  
RSC ADVANCES, vol.6, no.89, pp.86151-86157, 2016 (SCI-Expanded)
- XXXII. **Multiplex-PCR-Based Screening and Computational Modeling of Virulence Factors and T-Cell Mediated Immunity in Helicobacter pylori Infections for Accurate Clinical Diagnosis**

- Oktem-Okullu S., TIFTIKCI A., SARUC M., Cicek B., Vardareli E., Tozun N., Kocagoz T., Sezerman U., Yavuz A. S., Sayi-Yazgan A.  
PLOS ONE, vol.10, no.8, 2015 (SCI-Expanded)
- XXXIII. **Translating Biotechnology to Knowledge-Based Innovation, Peace, and Development? Deploy a Science Peace Corps-An Open Letter to World Leaders**  
Hekim N., Coskun Y., Sinav A., Abou-Zeid A. H., Agirbasli M., Akintola S. O., Aynacioglu S., Bayram M., Bragazzi N. L., Dandara C., et al.  
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.18, no.7, pp.415-420, 2014 (SCI-Expanded)
- XXXIV. **Feconomics®; a new and more convenient method, the routine diagnosis of intestinal parasitic infections**  
KOLTAŞ İ. S., Akyar I., Elgun G., Kocagoz T.  
Parasitology Research, vol.113, no.7, pp.2503-2508, 2014 (SCI-Expanded)
- XXXV. **A simple guanidinium isothiocyanate method for bacterial genomic DNA isolation**  
Mozioglu E., Akgoz M., Tamerler C., KOCAGÖZ Z. T.  
TURKISH JOURNAL OF BIOLOGY, vol.38, no.1, pp.125-129, 2014 (SCI-Expanded)
- XXXVI. **Human papillomavirus prevalence and type in liquid-based cervical samples from Turkish women in a selected risk group**  
Akyar I., Aydin Ö., YAKICIER M. C., KOCAGÖZ Z. T., Ince Ü., Unsal I.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.6, pp.963-970, 2013 (SCI-Expanded)
- XXXVII. **A horizontal electrophoresis gel system which enables visualization of proteins during electrophoresis**  
Oztas B., Okullu S., Aytakin N., Kocagoz T.  
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXXVIII. **Synthesis and antimycobacterial activity of some phthalimide derivatives**  
AKGÜN H., Karamelekoglu I., Berk B., KURNAZ I., Saribiyik G., Oktem S., Kocagoz T.  
Bioorganic and Medicinal Chemistry, vol.20, no.13, pp.4149-4154, 2012 (SCI-Expanded)
- XXXIX. **Cutaneous leishmaniasis caused by Leishmania infantum in Turkey: reports of two cases diagnosed with genotyping and protein fingerprinting**  
Culha G., Akyar I., Zeyrek F. Y., Gunduz C., Kurt Ö., Ostan I., Toz S., Kocagoz T., Ozbel Y., Ozbilgin A.  
INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES, vol.16, 2012 (SCI-Expanded)
- XL. **Feconomics (R): A Simple, Novel and Fast Technique for Stool Concentration in Parasitology Laboratory**  
Kurt Ö., Akyar I., Gorgun S., Kocagoz T., ÖZBİLGİN A.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.18, 2012 (SCI-Expanded)
- XLI. **Efficiency of the TK Culture System in the diagnosis of tuberculosis.**  
Kocagoz T., Altin S., Turkyilmaz O., Tas I., Karaduman P., Bolaban D., Yesilyurt E., Oktem S., Aytakin N., Sinik G., et al.  
Diagnostic microbiology and infectious disease, vol.72, no.4, pp.350-7, 2012 (SCI-Expanded)
- XLII. **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, vol.27, no.8, pp.1901-1904, 2011 (SCI-Expanded)
- XLIII. **Molecular modeling and antimycobacterial studies of Mannich bases: 5-hydroxy-2-methyl-4H-pyran-4-ones**  
Berk B., Us D., Oktem S., KOCAGÖZ Z. T., Caglayan B., KURNAZ I., Erol D. D.  
TURKISH JOURNAL OF CHEMISTRY, vol.35, no.2, pp.317-330, 2011 (SCI-Expanded)
- XLIV. **Mycobacterial Strains That Stimulate the Immune System Most Efficiently as Candidates for the Treatment of Bladder Cancer**  
Yuksel Z. S., BÜBER E., KOCAGÖZ Z. T., ALP A., SARIBAŞ Z., Acan N. L.  
JOURNAL OF MOLECULAR MICROBIOLOGY AND BIOTECHNOLOGY, vol.20, no.1, pp.24-28, 2011 (SCI-Expanded)
- XLV. **Lateral flow assay for rapid differentiation of Mycobacterium tuberculosis complex and 97 species of mycobacteria other than tuberculosis grown in Lowenstein-Jensen and TK-SLC medium**

- Akyar I, Kocagoz T, Sinik G., Oktem S., Aytekin N., Kocagoz S.  
INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, vol.28, no.4, pp.308-312, 2010 (SCI-Expanded)
- XLVI. **Mannich base derivatives of 3-hydroxy-6-methyl-4H-pyran-4-one with antimicrobial activity**  
Us D., Berk B., Gurdal E., Aytekin N., Kocagoz T., Caglayan B., KURNAZ I., Erol D. D.  
Turkish Journal of Chemistry, vol.34, no.3, pp.447-456, 2010 (SCI-Expanded)
- XLVII. **4H-Pyran-4-one derivatives:; leading molecule for preparation of compounds with antimycobacterial potential**  
Us D., Gurdal E., Berk B., Oktem S., Kocagoz T., Caglayan B., KURNAZ I., Erol D. D.  
Turkish Journal of Chemistry, vol.33, no.6, pp.803-812, 2009 (SCI-Expanded)
- XLVIII. **Synthesis and Cloning of a Small Bacillus Pheromone Gene (ComXRO-B-2) by Primer-Dimer Formation with PCR**  
Demir Dora D., Kocagöz T., Öner F.  
Turkish Journal of Chemistry, vol.32, no.6, pp.765-771, 2008 (SCI-Expanded)
- XLIX. **Synthesis and Cloning of a Small Bacillus Pheromone Gene (ComX(RO-B-2)) by Primer-Dimer Formation with PCR**  
Dora D. D., KOCAGÖZ Z. T., Oener F.  
TURKISH JOURNAL OF CHEMISTRY, vol.32, no.6, pp.765-771, 2008 (SCI-Expanded)
- L. **Hemorrhagic cystitis due to viral infection following hematopoietic stem cell transplantation**  
Obek C., Kocagoz T., Aktas S., Yencilek F., Uluc B., Koc Y.  
JOURNAL OF ENDOUROLOGY, vol.21, 2007 (SCI-Expanded)
- LI. **The diagnosis of malaria and identification of plasmodium species by polymerase chain reaction in Turkey**  
Aslan G., Seyrek A., Kocagoz T., Ulukanligil M., ERGÜVEN S., Gunalp A.  
Parasitology International, vol.56, no.3, pp.217-220, 2007 (SCI-Expanded)
- LII. **How many chances a microorganism has, to get resistant to an antimicrobial drug?**  
Kocagoz T.  
DRUGS OF THE FUTURE, vol.32, pp.28-29, 2007 (SCI-Expanded)
- LIII. **Essential oil compositions and antimicrobial activity of Salvia species**  
ALTUN M., Ünal M., Kocagoz T., Goren A. C.  
JOURNAL OF ESSENTIAL OIL BEARING PLANTS, vol.10, no.3, pp.251-258, 2007 (SCI-Expanded)
- LIV. **Rapid 4 to 6 hour detection of extended-spectrum beta-lactamases in a routine laboratory**  
Ercis S., Sancak B., Kocagoz T., Kocagoz S., Hascelik G., Bolmstrom A.  
SCANDINAVIAN JOURNAL OF INFECTIOUS DISEASES, vol.39, no.9, pp.781-785, 2007 (SCI-Expanded)
- LV. **Quicolor: A novel system for rapid antibacterial susceptibility testing**  
Kocagoz T., Ercis S., Darka O., Salmanzadeh-Ahrabi S., Kocagoz S., Hascelik G.  
ANNALS OF MICROBIOLOGY, vol.57, no.1, pp.131-135, 2007 (SCI-Expanded)
- LVI. **Rapid determination of rifampin resistance in clinical isolates of Mycobacterium tuberculosis by real-time PCR**  
Kocagoz T., SARIBAŞ Z., ALP A.  
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## **Memberships / Tasks in Scientific Organizations**

Klinik Mikrobiyoloji Uzmanlık Derneği (KLİMUD), Member, 2014 - Continues, Turkey

European Society of Mycobacteriology, Member, 2007 - Continues, Germany

European Society of Clinical Microbiology and Infectious Diseases, Member, 2000 - Continues, Belgium

Türk Mikrobiyoloji Cemiyeti, Member, 1993 - Continues, Turkey

Ankara Mikrobiyoloji Derneği, Member, 1993 - Continues, Turkey

American Society for Microbiology, Principal Member, 1992 - Continues, United States Of America

## **Scientific Refereeing**



MIKROBİYOLOJİ BULTENİ, National Scientific Refreed Journal, March 2024

TUBITAK Project, 1501 - Industry R & D Projects Support Program, Acibadem Mehmet Ali Aydınlar University, Turkey, July 2023

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## Scientific Consultations

Atabay İlaç, Scientific Consultancy, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, Turkey, 2024 - Continues

Nanomed Diagnostics, Scientific Consultancy, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, Turkey, 2022 - Continues

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