

Res. Asst. PhD DAMLA DAMAR ÇELİK

Personal Information

Office Phone: [+90 0216 777 0777](tel:+9002167770777) Extension: 5320

Email: damla.damar@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/damla.damar>

Address: Marmara Üniversitesi Recep Tayyip Erdoğan Külliyesi, Başibüyük Yolu, 34854 4/A Başibüyük/İSTANBUL

International Researcher IDs

ScholarID: vrbw-sUAAAAJ

ORCID: 0000-0001-9372-3168

Publons / Web Of Science ResearcherID: AAO-9038-2020

ScopusID: 54352

Yoksis Researcher ID: 265662

Education Information

Doctorate, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, Turkey 2018 - 2023

Postgraduate, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, Turkey 2015 - 2018

Certificates, Courses and Trainings

Health&Medicine, Uygulamalı Temel Kök Hücre ve Yeni Nesil Biyoteknolojik Yaklaşımlar Eğitimi, Marmara Teknopark, 2022

Education Management and Planning, Increasing Visibility & Impact, Researcher Academy On Campus, 2020

Education Management and Planning, Discovery of International Collaboration and Funding Opportunities, Researcher Academy On Campus, 2020

Education Management and Planning, BİLİMSEL GÖRÜNÜRLÜK ARTTIRMA, Researcher Academy On Campus, 2020

Education Management and Planning, Mendeleev Eğitimi, Researcher Academy on Campus, 2020

Education Management and Planning, Etkin Araştırma Yöntemleri, Researcher Academy on Campus, 2020

Health&Medicine, Tek Sağlık Yaklaşımında Uygulamalı Antibiyotik Direnci Eğitimi: ANADOLU PROJESİ, TÜBİTAK, 2019

Personal Evolution, İletişim Liderleri, Marmara Üniversitesi, 2019

Health&Medicine, 2. Moleküler Viroloji Çalıştayı, Bezmialem Vakfı Üniversitesi, 2017

Education Management and Planning, İntihal ve Yayın Etiği Çalıştayı, İstanbul ÜNİVERSİTESİ, 2017

Education Management and Planning, Araştırma Yöntem Bilimi ve Biyoistatistiksel Değerlendirmeye Giriş Çalıştayı, İstanbul Üniversitesi, 2017

Education Management and Planning, Lisansüstü Eğitime Hazırlık Kursu, İstanbul Üniversitesi, 2017

Education Management and Planning, Eğitici Gelişimi Eğitim Programı, Marmara Üniversitesi, 2017

Education Management and Planning, Pedagojik Formasyon Eğitim, İstanbul Üniversitesi, 2014

Dissertations

Doctorate, BAKTERİYOFAJLARIN KLİNİK KÖKENLİ BAKTERİLERE KARŞI ANTİMİKROBİYAL VE ANTİBİYOFİLM ÖZELLİKLERİNİN ARAŞTIRILMASI, Istanbul University, Sağlık Bilimleri Enstitüsü, Farmasötik Mikrobiyoloji, 2023

Postgraduate, Çeşitli Antibiyotiklerin Tek Başına ve Kombinasyon Halinde *Achromobacter xylosoxidans* Suşları Üzerine Antibiyotik Sonrası Etkisinin Araştırılması, Istanbul University, Faculty Of Pharmacy , Department Of Basic Pharmaceutical Sciences, 2018

Research Areas

Pharmaceutical Microbiology, Microbiology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Pharmacy, Basic Pharmaceutical Sciences, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synergy between *Pelargonium endlicherianum* essential oil and conventional antibiotics against *Neisseria meningitidis* and *Haemophilus influenzae***
Dumlupinar B., Celik D., Karatoprak G. Ş., Soyoğul Gürer Ü.
South African Journal of Botany, vol.146, pp.243-253, 2022 (SCI-Expanded)
- II. **Synergic potential of *Pelargonium endlicherianum* Fenzl. Essential oil and antibiotic combinations against *Klebsiella pneumoniae***
Dumlupinar B., Şeker Karatoprak G., Damar Çelik D., Soyoğul Gürer Ü., Demirci B., Gürbüz B., Rayaman P., Kurtulus E. M.
South African Journal of Botany, vol.135, pp.117-126, 2020 (SCI-Expanded)
- III. **Antibacterial and antibiofilm activities of ceragenins against *Achromobacter* species isolated from cystic fibrosis patients**
Damar Çelik D., Mataracı Kara E., Savage P. B., Özbek Çelik B.
JOURNAL OF CHEMOTHERAPY, vol.33, no.4, pp.216-227, 2020 (SCI-Expanded)
- IV. **Comparative In Vitro Activities of Meropenem in Combination with Colistin, Levofloxacin, or Chloramphenicol Against *Achromobacter xylosoxidans* Strains Isolated from Patients with Cystic Fibrosis**
Damar Çelik D., Norskov Lauritsen N., Özbek Çelik B.
JOURNAL OF GLOBAL ANTIMICROBIAL RESISTANCE, no.22, pp.713-717, 2020 (SCI-Expanded)
- V. **Comparative In Vitro Activities of First and Second-Generation Ceragenins Alone and in Combination with Antibiotics Against Multidrug-Resistant *Klebsiella pneumoniae* Strains**
Ozbek-Celik B., Damar-Celik D., Mataraci-Kara E., Bozkurt-Guzel C., Savage P. B.
ANTIBIOTICS-BASEL, vol.8, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Isolation and characterization of bacteriophage SA-19 and investigation of antibiofilm effect against clinical strains**
Damar Çelik D., Özbek Çelik B.
JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.2, pp.505-515, 2024 (ESCI)
- II. **Post-antibiotic Effect of Various Antibiotics against *Achromobacter xylosoxidans* Strains Isolated from Patients with Cystic Fibrosis**
Damar Çelik D., Özbek Çelik B., Norskov Lauritsen N.
J Clin Exp Invest, vol.11, no.4, pp.1-5, 2020 (Peer-Reviewed Journal)
- III. **Cytotoxic Activity-Guided Isolation from *Achillea monocephala*, and Biological Activities of its**

Different Extracts

Taşkın T., Güler E. M., Şentürk Ş., Damar Çelik D., Arabacı T., Soyoğul Gürer Ü.

The Open Bioactive Compounds Journal, vol.8, no.1, pp.7-14, 2020 (Peer-Reviewed Journal)

IV. İmmüno-Onkoloji İmmün Kontrol Noktalarını Hedef Alan Monoklonal Antikorlar Ve Tedavide Kullanımları

Tuğutlu N., Damar Çelik D., Özbek Çelik B.

TÜRK FARMAKOPE DERGİSİ, vol.4, no.4, pp.67-80, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Isolation and charecterization of bacteriophage effective against Escherichia coli and its antibiofilm activitiy**
Damar Çelik D., Özbek Çelik B.
Targetin Phage Therapy, Paris, France, 1 - 02 June 2023, pp.73
- II. In vitro activities of ceftazidime/avibactam alone or in combination with antibiotics against multidrugresistant Stenotrophomonas maltophilia isolates**
Damar Çelik D., Çakmak S. M., Mataracı Kara E., Sümbül B., Özbek Çelik B.
UMS 2023 EMERGING INFECTIOUS DISEASES: Are we ready for new evolutionary challenges?, Belgrade, Serbia, 30 March - 01 August 2023, pp.118-119
- III. ISOLATION, CHARACTERIZATION, AND COMPARATIVE INVESTIGATION OF NOVEL BACTERIOPHAGES AS PHAGE THERAPY CANDIDATES**
Özbek Çelik B., Damar Çelik D.
FEMS Conference on Microbiology, Belgrade, Serbia, 30 June - 02 July 2022, pp.267
- IV. PELARGONİUM ENDLİCHERİANUM FENZL. UÇUCU YAĞININ LİSTERİA MONOCYTOGENES'E KARŞI POST- ANTİBİYOTİK AKTİVİTESİ**
Dumlupınar B., Damar Çelik D.
4 INTERNATIONAL MARDIN ARTUKLU CONFERENCE ON SCIENTIFIC RESEARCHES, Mardin, Turkey, 7 - 08 August 2020, pp.159-160
- V. Kozmetik Ürünlerde Koruyucu Olarak Geliştirilmesi Amacıyla Bazı Fitokimyasallar Ve Uçucu Yağların Antimikrobiyal Etkilerinin Araştırılması**
Aral S., Damar Çelik D., Soyoğul Gürer Ü.
4.Uluslararası Gevher Nesibe Sağlık Bilimleri Kongresi, İstanbul, Turkey, 23 - 24 November 2019
- VI. Kozmetikte Kullanılan Bazı Koruyucular, Bitki Ekstraktı Ve Uçucu Yağların Antimikrobiyal Etkilerinin Araştırılması**
Aslan Y., Damar Çelik D., Soyoğul Gürer Ü.
4.Uluslararası Gevher Nesibe Sağlık Bilimleri Kongresi, İstanbul, Turkey, 23 - 24 November 2019
- VII. Comparative in vitro activities of ceragenins and various antibiotics against Achromobacter species isolated from cystic fibrosis patients**
Damar Çelik D., Bozkurt Güzel Ç., Norskov Lauritsen N., Özbek Çelik B.
European 42nd Cystic Fibrosis Conferenc, Liverpool, United Kingdom, 5 - 08 June 2019, vol.18, pp.100-101
- VIII. Comparative in vitro activities of first and second generation cationic steroid antibiotics and various antibiotics against carbapenem-resistant Klebsiella pneumoniae strains**
DAMAR ÇELİK D., B Savage P., BOZKURT GÜZEL Ç., ÖZBEK ÇELİK B.
VI Congress of Macedonian Microbiologists with International participation, Ohrid, Macedonia, 30 May - 02 June 2018
- IX. Effects of Various Antibiotics Alone or in Combination with Meropenem against Achromobacter xylosoxidans Strains Isolated from Cystic Fibrosis Patients**
DAMAR ÇELİK D., Norskov Lauritsen N., SOYOĞUL GÜRER Ü., ÖZBEK ÇELİK B.
VI Congress of Macedonian Microbiologists with international participation, Ohrid, Macedonia, 30 May - 02 June 2018

X. 130 Mechanism of β -lactam resistance in *Achromobacter xylosoxidans*

Thinggaard A., Damar Çelik D., Ridderberg W., Norskov Lauritsen N.

ECFS Conference Seville 2017, Sevilla, Spain, 7 - 10 June 2017

Supported Projects

Damar Çelik D., R&D Project of Group B, *Pseudomonas* 56 Fajna ait MazG, ORF1 ve ORF2 Proteinlerini Kodlayan Genlerin Klonlanması, Saflaştırılması ve Çoklu İlaç Direnci Gösteren *P. aeruginosa* İzolatlarına Karşı Antibakteriyel ve Antibiyofilm Aktivitelerinin Araştırılması, 2024 - 2026

Damar Çelik D., Project Supported by Higher Education Institutions, Sefiderokolün tek başına ve çeşitli antibiyotiklerle kombinasyon halinde kliniklerden izole edilen *Stenotrophomonas maltophilia* suşlarına karşı oluşturdukları in vitro etkilerin incelenmesi, 2023 - 2025

Damar Çelik D., Project Supported by Higher Education Institutions, Seftazidim/Avibaktamın Tek Başına Ve Çeşitli Antibiyotiklerle Kombinasyon Halinde Oluşturdukları Etkilerinin Kistik Fibrozisli Hastalardan İzole Edilen *Achromobacter* Cinsi Klinik Suşlara Karşı Araştırılması, 2023 - 2025

Damar Çelik D., Project Supported by Higher Education Institutions, Bakteriyofajların Klinik Kökenli Bakterilere Karşı Antimikrobiyal ve Antibiyofilm Özelliklerinin Araştırılması,, 2021 - 2023

Student Project

Other, Nioli, Cajeput, Kekik Ticari Uçucu Yağlarının Tek Başına ve Flukonazol ile Kombinasyonlarının 5 Farklı Standart *Candida* Suşuna Karşı Antifungal Aktivitelerinin Araştırılması, Marmara University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, Turkey, 2024 - Continues

Memberships / Tasks in Scientific Organizations

TÜRK MİKROBİYOLOJİ CEMİYETİ, Member, 2016 - Continues, Turkey

Metrics

Publication: 19

Citation (WoS): 53

H-Index (WoS): 5

H-Index (Scopus): 5

Congress and Symposium Activities

VI Congress of Macedonian Microbiologists with international participation, Attendee, Ohrid, Macedonia, 2020

European 42nd Cystic Fibrosis Conference, Attendee, Liverpool, United Kingdom, 2019

Scholarships

ECFS Travel Grant, Other International Organizations, 2019 - 2019

Erasmus Staj Hareketliliği, University, 2016 - 2016

Non Academic Experience

Aarhus Üniversitesi Hastanesi / Danimarka