

## Res. Asst. PhD Fatıma Nur YILMAZ

### Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 13526

Email: [f.yilmaz@istanbul.edu.tr](mailto:f.yilmaz@istanbul.edu.tr)

Web: <https://avesis.istanbul.edu.tr/f.yilmaz>

### International Researcher IDs

ORCID: 0000-0001-8442-8538

Publons / Web Of Science ResearcherID: AAT-2314-2020

ScopusID: 57218373205

Yoksis Researcher ID: 299530

### Education Information

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

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 2013 - 2018

### Certificates, Courses and Trainings

Health&Medicine, Gen Klonlama Kursu, Aydın Adnan Menderes Üniversitesi Tıp Fakültesi, 2019

### Research Areas

Life Sciences, Microbiology, Bacteriology, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Pharmacy , Department of Basic Pharmaceutical Sciences, 2019 - Continues

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

- I. **Efficacy of Zoliflodacin, a Spiropyrimidinetrione Antibiotic, Against Gram-Negative Pathogens**  
OYARDI Ö., YILMAZ F. N., DÖŞLER S.  
Current Microbiology, vol.81, no.8, 2024 (SCI-Expanded)
- II. **SPECTRAL CHARACTERIZATION AND ANTIBACTERIAL, ANTIFUNGAL, ANTIVIRAL ACTIVITY OF SALICYL BASED NEW SCHIFF BASES AND THEIR Co(II), Ni(II), Cu(II), Zn(II), AND Pd(II) COMPLEXES**  
Pardaeva D., TAVMAN A., GÜRBÜZ D., HACIOĞLU M., YILMAZ F. N., Şahin O., BİRTEKSÖZ TAN A. S., ÇINARLI A.  
Revue Roumaine de Chimie, vol.69, no.1-2, pp.83-96, 2024 (SCI-Expanded)
- III. **Antimicrobial Activity of Ceragenins against Vancomycin-Susceptible and -Resistant *Enterococcus* spp.**  
HACIOĞLU M., YILMAZ F. N., OYARDI Ö., Guzel C. B., Inan N., Savage P. B., DÖŞLER S.

PHARMACEUTICALS, vol.16, no.12, 2023 (SCI-Expanded)

- IV. **Efficacy of Ceragenins Alone and in Combinations with Antibiotics Against Multidrug-Resistant Gram Negative Pathogens from Bloodstream Infections**  
YILMAZ F. N., ÖKSÜZ L., Demir E. S., DÖŞLER S., Savage P. B., Guzel C. B.  
CURRENT MICROBIOLOGY, vol.80, no.10, 2023 (SCI-Expanded)
- V. **Impact of N-Acetylcysteine and Antibiotics Against Single and Dual Species Biofilms of Pseudomonas aeruginosa and Achromobacter xylosoxidans**  
YILMAZ F. N., HACIOĞLU M., Aldogan E. H.  
Current Microbiology, vol.80, no.1, 2023 (SCI-Expanded)
- VI. **Discovery of quinolinequinones with N-phenylpiperazine by conversion of hydroxyquinoline as a new class of antimicrobial agents targeting resistant pathogenic microorganisms**  
Yıldız M., BAYRAK N., YILDIRIM H., Çakmak S. M., YILMAZ F. N., MATARACI KARA E., Shilkar D., Jayaprakash V., TUYUN A. F.  
Bioorganic Chemistry, vol.128, 2022 (SCI-Expanded)
- VII. **Comparative Fungicidal Activities of N-Chlorotaurine and Conventional Antiseptics against Candida spp. Isolated from Vulvovaginal Candidiasis**  
HACIOĞLU M., OYARDI Ö., YILMAZ F. N., Nagl M.  
Journal of Fungi, vol.8, no.7, 2022 (SCI-Expanded)
- VIII. **Highly Active Small Aminated Quinolinequinones against Drug-Resistant Staphylococcus aureus and Candida albicans**  
Yıldırım H., Bayrak N., Yıldız M., Yılmaz F. N., Mataracı-Kara E., Shilkar D., Jayaprakash V., TuYuN A. F.  
MOLECULES, vol.27, no.9, 2022 (SCI-Expanded)
- IX. **Biofilm modelling on the contact lenses and comparison of the in vitro activities of multipurpose lens solutions and antibiotics**  
Dosler S., Hacıoğlu M., Yılmaz F. N., Oyardı Ö.  
PeerJ, vol.2020, no.6, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Antiviral Properties of 5-Sulfamoyl-1H-Indole-Linked Spirothiazolidinone Derivatives: A Study on Human Parainfluenza Virus-2**  
Trawally M., YILMAZ F. N., ÖZBEK ÇELİK B., Akdemir A., GÜZEL AKDEMİR Ö.  
Journal of Research in Pharmacy, vol.28, no.1, pp.213-224, 2024 (ESCI)
- II. **Natural ingredients included antimicrobial lozenge formulations for oral care**  
Esentürk-Güzel İ., Abdo L., Topuzoğlu S., YILDIZ C., YILMAZ F. N., DÖŞLER S.  
Journal of Research in Pharmacy, vol.28, no.1, pp.248-257, 2024 (ESCI)
- III. **Antibiotic susceptibility and biofilm formation of multi-drug resistant Gram-negative bacteria**  
Oyardı Ö., Hacıoğlu M., Yılmaz F. N., Inan N., Birteksöz Tan A. S.  
Istanbul Journal of Pharmacy, vol.53, no.1, pp.45-50, 2023 (Peer-Reviewed Journal)
- IV. **Evaluation of some o-benzenedisulfonimido- sulfonamide derivatives as potent antimicrobial agents**  
Demir Yazıcı K., Yılmaz F. N., Özbek Çelik B., Güzel Akdemir Ö.  
Istanbul Journal of Pharmacy, vol.52, no.3, pp.297-301, 2022 (Peer-Reviewed Journal)
- V. **Quality of turmeric powder in herbal stores: pharmacognostical investigations on turmeric powders obtained from herbal stores in Istanbul, Turkey**  
Kuruldak E., Yılmaz F. N., Toplan G. G., Celik B. O., Mat A.  
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.1, pp.92-97, 2021 (ESCI)
- VI. **Antibacterial And Anticarcinogenic Evaluation Of Commercial Calendula Officinalis And Taraxacum Officinale**  
ARİF A. K., ÖZGER H., CANSEVER K., KARA M., YILMAZ F. N., ÖZBEK ÇELİK B.  
International Journal Of Pharmacognosy, vol.7, no.11, pp.322-325, 2020 (Peer-Reviewed Journal)

- VII. **Pharmacognostical Studies on Acer campestre L. subsp. campestre**  
Şen B., Bal Y. S., Gürdal Abamor M. B., Bardakçı Altan H., Yılmaz F. N., Döşler S.  
INTERNATIONAL JOURNAL OF SECONDARY METABOLITE, vol.7, no.2, pp.126-138, 2020 (Peer-Reviewed Journal)
- VIII. **Pharmacognostic research on hypericum perforatum samples sold by herbalists in Istanbul**  
**İSTANBUL AKTARLARINDA SATILAN HYPERICUM PERFORATUM ÖRNEKLERİNİN FARMAKOGNOZİK**  
**AÇIDAN İNCELENMESİ**  
Tavli Ö. F., Hazman Ö., Büyükben A., Yılmaz F. N., Özbek Çelik B., Eroğlu Özkan E.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, pp.265-280, 2020 (Scopus)
- IX. **Bazı Bitki Ekstrelerinin Antimikrobiyal Etkilerinin Araştırılması**  
YILMAZ F. N.  
Türk Farmakope Dergisi, vol.4, pp.17-28, 2019 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Use of Probiotics in the Pharmaceutical Industry**  
Döşler S., Yılmaz F. N., Özdemir Z. Ö.  
in: Probiotic Century, Mustafa Akçelik, Nefise Akçelik, Pınar Şanlıbaba, Başar Uymaz Tezel, Editor, Gazi Kitabevi,  
Ankara, pp.401-424, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Production of antioxidant cream from vegetable and fruit peel residues within the scope of protecting nature and sustainability**  
Karapınar Arif A., Işık D., Kara M., Yılmaz F. N., Hasbal Çelikok G.  
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023, pp.1
- II. **Antibiotic resistance and metallo-beta-lactamase positivity in carbapenem-resistant Gram negative bacteria**  
Birteksöz Tan A. S., Hacıoğlu M., Yılmaz F. N., Oyardı Ö.  
FEMS, Hamburg, Germany, 9 - 13 July 2023, pp.503
- III. **Cationic Steroid Antibiotics (CSA) Against Pseudomonas aeruginosa biofilms on soft contact lenses**  
Yılmaz F. N., Döşler S., Hacıoğlu M., Bozkurt Güzel Ç., Savage P. B., Hacıosmanoğlu E.  
FEMS 2023, Hamburg, Germany, 9 - 13 July 2023, pp.473
- IV. **Antibacterial Properties of Various Cationic Steroid Antibiotics Against Enterococcus spp.**  
Hacıoğlu M., Yılmaz F. N., Altuner E., Bozkurt Güzel Ç., İnan N., Savage P. B.  
FEMS 2023, Hamburg, Germany, 9 - 13 July 2023, pp.467
- V. **Effects of Tyrosol and Farnesol Combinations With Antimicrobial Agents on Candida albicans and Pseudomonas aeruginosa Single and Dual-species Biofilms**  
Hacıoğlu M., Yılmaz F. N.  
"The last word belongs to microbes - Celebrating the 200th anniversary of the birth of Louis Pasteur", Warszawa, Poland, 29 - 30 November 2022, pp.109
- VI. **Developing an antiseptic, analgesic and anti-inflammatory herbal and vegan oral spray and researching its' antimicrobial activities against various bacteria, fungi and viruses**  
Yılmaz F. N., Döşler S.  
The last word belongs to microbes - Celebrating the 200th anniversary of the birth of Louis Pasteur, Warszawa, Poland, 28 - 30 November 2022, pp.154
- VII. **Antimikrobiyal ve rahatlama amaçlı pastillerin hazırlanması ve değerlendirilmesi**  
SÖNMEZ GÜRER E., ESENTÜRK GÜZEL İ., MERSİN B., Topuzoğlu S., Abdo L., YILMAZ F. N.  
2.ULUSLARARASI DIŞ HEKİMLİĞİ KONGRESİ, Turkey, 22 September 2022

- VIII. **Evaluation on Chemical Composition and Bioactivity Potential of the Thymus transcaucasicus Ronniger Extracts and Essential Oil**  
Şen B., Gelen A. K., Yılmaz F. N., Döşler S., Taşkın T., Demirci B.  
52nd International Symposium on Essential Oils (ISEO 2022), Wroclaw, Poland, 4 - 07 September 2022, pp.10
- IX. **Preliminary Phytochemical Analysis and Antimicrobial Activity Study of Thymus transcaucasicus from Turkey**  
Şen B., Gelen A. K., Yılmaz F. N., Döşler S.  
70th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Thessaloniki, Greece, 28 - 31 August 2022, pp.10
- X. **Activities of Various Antibiotics Against Carbapenem Resistant Acinetobacter baumannii**  
Hacıoğlu M., Yılmaz F. N., Oyardı Ö.  
Antimicrobial Chemotherapy Virtual Conference 2022, 2 - 03 February 2022
- XI. **Zoliflodacin'in (ETX0914) tek başına ve çeşitli antibiyotiklerle kombinasyon halinde in vitro antimikrobiyal aktivitesinin belirlenmesi**  
Yılmaz F. N., Akçay G., Döşler S.  
TMC 2020 Çevrimiçi Mikrobiyoloji Sempozyumu, İstanbul, Turkey, 25 - 27 December 2020, pp.389
- XII. **EFFICACY OF VARIOUS ANTIBIOTICS AGAINST PSEUDOMONAS AERUGINOSA AND ACHROMOBACTER XYLOSOXIDANS MONO AND POLYMICROBIAL BIOFILMS**  
HACIOĞLU M., YILMAZ F. N.  
FEMS Online Conference on Microbiology, Serbia, 28 - 31 October 2020
- XIII. **Antibacterial and anticarcinogenic evaluation of commercial Calendula officinalis and Taraxacum officinale**  
ARİF A. K., ÖZGER H., CANSEVER K., KARA M., ÖZBEK ÇELİK B., YILMAZ F. N.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020

## Supported Projects

Yılmaz F. N., Hacıoğlu M., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Cerageninlerin Vankomisin Dirençli Enterokok Suşlarına Karşı Aktivitelerinin İncelenmesi, 2022 - 2023

Yılmaz F. N., Döşler S., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Marmara Denizi'ndeki Balık Türlerinin Atıklarından Antimikrobiyal Peptitlerin tespiti ve etkinliklerinin incelenmesi, 2022 - 2023

BİRTEKSÖZ TAN A. S., HACIOĞLU M., OYARDI Ö., YILMAZ F. N., Project Supported by Higher Education Institutions, Karbapenem ve yeni beta laktamaz inhibitörlerinin tek başlarına ve kolistinle kombinasyon halinde çeşitli Gram negatif bakteri suşlarına karşı in vitro etkilerinin araştırılması, 2021 - 2023

HACIOĞLU M., YILMAZ F. N., HACIOSMANOĞLU E., Project Supported by Higher Education Institutions, Pseudomonas aeruginosa ve Candida albicans polimikrobiyal biyofilmlerinin in vivo ve in vitro yöntemlerle incelenmesi, 2020 - 2023

## Memberships / Tasks in Scientific Organizations

Member, 2019 - Continues

ESCMID, Member, 2019 - Continues

## Metrics

Publication: 33

Citation (WoS): 20

Citation (Scopus): 26

H-Index (WoS): 2

H-Index (Scopus): 2

### **Congress and Symposium Activities**

The last word belongs to microbes - Celebrating the 200th anniversary of the birth of Louis Pasteur, Attendee, Warszawa, Poland, 2022

Antimicrobial Chemotherapy Virtual Conference 2022, Attendee, İstanbul, Turkey, 2022

TMC 2020 Çevrimiçi Mikrobiyoloji Sempozyumu, Attendee, İstanbul, Turkey, 2020

FEMS Online Conference on Microbiology, Sırbistan, Attendee, Belgrade, Serbia, 2020

TÜRK TIP DÜNYASI KURULTAYI, Attendee, İstanbul, Turkey, 2019