

## **Prof.Dr. ÖZLEM ARPACI**

### **Kişisel Bilgiler**

**İş Telefonu:** [+90 312 203 3076](tel:+903122033076)

**Fax Telefonu:** [+90 312 213 1081](tel:+903122131081)

**Web:** <https://avesis.ankara.edu.tr/temiz>

### **Uluslararası Araştırmacı ID'leri**

ORCID: 0000-0001-6221-5347

Publons / Web Of Science ResearcherID: AAH-1281-2020

ScopusID: 6602689055

Yoksis Araştırmacı ID: 6121

### **Eğitim Bilgileri**

Doktora, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Türkiye 1992 - 1998

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl) (Tezli), Türkiye 1989 - 1991

Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye 1985 - 1989

### **Yabancı Diller**

İngilizce, C1 İleri

### **Yaptığı Tezler**

Doktora, 582-furilkarboksamido)-5(2-tiyenikarboksamido)-5(benzamido ve 5-fenilasetamido 2-fenilbenzoksazol türevlerinin sentezi, yapılarının aydınlatılması, antimikrobiyal etkileri ve kantitatif yapı-etki ilişkileri analizleri, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 1998

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### **Araştırma Alanları**

Sağlık Bilimleri

### **Akademik Unvanlar / Görevler**

Prof.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - Devam Ediyor

Doç.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003 - 2009

Yrd.Doç.Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2000 - 2003

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1990 - 2000

### **Verdiği Dersler**

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uv, Yüksek Lisans, 2013 - 2014, 2012 - 2013  
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FARMASÖTİK VE MEDİSİNAL KİMYADA İLERİ KONULAR, Yüksek Lisans, 2013 - 2014  
medisinal kimya yönü ile biyoteknoloji, Yüksek Lisans, 2013 - 2014  
FARMAKOPE ANALİZLERİ, Yüksek Lisans, 2013 - 2014  
ORTAM OPTİMİZASYONU, Doktora, 2013 - 2014  
heterosiklik bileşikler, Yüksek Lisans, 2013 - 2014  
nükleozit analoğu bileşikler, Yüksek Lisans, 2013 - 2014  
ORGANİK KİMYA II, Lisans, 2012 - 2013  
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medisinal kimyada ileri konular, Doktora, 2012 - 2013  
kimyasal adlandırma, Yüksek Lisans, 2012 - 2013  
IR, Yüksek Lisans, 2012 - 2013  
kalitatif kantitatif ilaç analizleri, Yüksek Lisans, 2012 - 2013  
ileri organik kimyada reaksiyon mekanizmaları, Doktora, 2012 - 2013  
ORGANİK KİMYA 1, Lisans, 2011 - 2012  
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## **Yönetilen Tezler**

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

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- II. **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**  
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- III. **Synthesis, quantum mechanical calculations, antimicrobial activities and molecular docking studies of five novel 2,5-disubstituted benzoxazole derivatives**  
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- IV. **DFT, docking, MD simulation, and vibrational spectra with SERS analysis of a benzoxazole derivative: an anti-cancerous drug**  
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- V. **Synthesis, antimicrobial activity, density functional modelling and molecular docking with COVID-19 main protease studies of benzoxazole derivative: 2-(p-chloro-benzyl)-5-[3-(4-ethyl-1-piperazinyl)**

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- VI. **Design, synthesis, molecular docking, density functional theory and antimicrobial studies of some novel benzoxazole derivatives as structural bioisosteres of nucleotides**  
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- VII. **1H-Benzimidazole-5-carboxamidine derivatives: design, synthesis, molecular docking, DFT and antimicrobial studies**

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- IX. **Spectroscopic Properties and Theoretical Studies of 5-Ethylsulphonyl-2-Phenyl-Benzoxazol: Relation Between the Frontier Molecular Orbitals and Optical Properties**

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- X. **Spectroscopic, antimicrobial and computational study of novel benzoxazole derivative**

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- XI. **Synthesis and antimicrobial evaluation of novel 5-substituted-2-(p-tert-butylphenyl)benzoxazoles**  
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- XII. **Vibrational spectroscopic investigations and molecular docking studies of biologically active 2-[4-(4-phenylbutanamido)phenyl]-5-ethylsulphonyl-benzoxazole**

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- XIII. **Spectroscopic, quantum mechanical and molecular docking studies of a new benzoxazole compound with an oxidoreductase enzyme and DNA**

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- XIV. **Synthesis, vibrational spectroscopic investigations, molecular docking, antibacterial studies and molecular dynamics study of 5-[(4-nitrophenyl)acetamido]-2-(4-tert-butylphenyl)benzoxazole**

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- XV. **Reactive, spectroscopic and antimicrobial assessments of 5-[(4-methylphenyl) acetamido]-2-(4-tert-butylphenyl)benzoxazole: Combined experimental and computational study**

Mary Y. S., Alzoman N. Z., Menon V. V., Al-Abdullah E. S., El-Emam A. A., Panicker C. Y., ARPACI Ö., Armakovic S., Armakovic S. J., Van Alsenoy C.

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- XVI. **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**

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- XVII. **Synthesis, vibrational spectroscopic investigations, molecular docking, antibacterial and antimicrobial studies of 5-ethylsulphonyl-2-(p-aminophenyl)benzoxazole**

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- XVIII. **SYNTHESIS AND ANTIMICROBIAL EVALUATION OF SOME NOVEL SULFONYLAMIDO-BENZOXAZOLES**  
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- XIX. **Synthesis of some piperazinobenzoxazole derivatives and their antimicrobial properties**  
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- XX. **Experimental and theoretical characterization of the 2-(4-bromobenzyl)-5-ethylsulphonyl-1,3-benzoxazole**  
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- XXI. **Synthesis and Antimicrobial Evaluation of 2-(p-Substituted Phenyl)-5-[(4-substituted piperazin-1-yl)acetamido]-benzoxazoles**  
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- XXII. **Synthesis, FT-IR investigation and computational study of 5-[(4-Bromophenyl)acetamido]-2-(4-tert-butylphenyl) benzoxazole**  
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- XXIII. **Novel Benzoxazoles: Synthesis and Antibacterial, Antifungal, and Antitubercular Activity against Antibiotic-Resistant and -Sensitive Microbes**  
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- XXIV. **SYNTHESIS AND DIFFERENT BIOLOGICAL ACTIVITIES OF NOVEL BENZOXAZOLES**  
ARPACI Ö., Goztepe B. E. C., Kaynak-Onurdag F., Ozgen S., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ.  
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- XXV. **FT-IR, FT-Raman, SERS and computational study of 5-ethylsulphonyl-2-(o-chlorobenzyl)benzoxazole**  
Mary Y. S., Raju K., YILDIZ İ., ARPACI Ö., Nogueira H. I. S., Granadeiro C. M., Van Alsenoy C.  
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- XXVI. **Synthesis and Antimicrobial Activity of Novel Benzoxazoles**  
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- XXVII. **ANTIMICROBIAL ACTIVITY AND STRUCTURE-ACTIVITY RELATIONSHIPS OF SOME SYNTHESIZED BENZAZOLES AND THEIR POSSIBLE METABOLITES**  
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- XXIX. **IR, Raman and SERS spectra of 2-phenoxyethylbenzothiazole**  
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- XXX. **Synthesis, biological evaluation and 2D-QSAR analysis of benzoxazoles as antimicrobial agents**  
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- XXXVII. **QSAR and pharmacophore analysis on amides against drug-resistant *S. aureus***  
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- XLI. **Vibrational spectroscopic studies and ab initio calculations of 5-methyl-2-(p-fluorophenyl)benzoxazole**  
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- XLIII. QSAR of genotoxic active benzazoles**  
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## Metrikler

Yayın: 100  
Atıf (WoS): 1533  
Atıf (Scopus): 1696  
H-İndeks (WoS): 23  
H-İndeks (Scopus): 23