

## Asst. Prof. MERYEM EROL

### Personal Information

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### Education Information

Doctorate, Ankara Üniversitesi, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, Turkey 2012 - 2018

Under Graduate, Erciyes Üniversitesi, Eczacılık Fakültesi, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı Ve Güvenliği Eğitimi, ERSEM, 2014

### Dissertations

Doctorate, Bazı Yeni Heterosiklik Bileşiklerin Sentez, Yapı Aydınlatmaları ve Antimikrobiyal Etki Çalışmaları, Ankara Üniversitesi, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, 2018

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry, Basic Sciences, Chemistry, Organic Chemistry, Organic Reaction Mechanisms, Organic Spectroscopy

### Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri , 2019 - Continues

Research Assistant PhD, Erciyes University, Eczacılık Fakültesi, Eczacılık, 2018 - 2019

Research Assistant, Erciyes University, Eczacılık Fakültesi, Eczacılık, 2012 - 2018

### Courses

Farmasötik Kimya I, Under Graduate, 2019 - 2020

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **In Vitro and In Silico Studies of Quinoline-2-Carbaldehyde Hydrazone Derivatives as Potent Antimicrobial Agents**  
Çelik İ., Erol M., Püsküllü M. O. , Uzunhisarcıklı E., İnce U., Kuyucuklu G., Süzen S.  
Polycyclic Aromatic Compounds, vol.40, pp.1-17, 2020 (Journal Indexed in SCI Expanded)
- **Synthesis, Molecular Docking and DFT Studies of Some New 2,5-Disubstituted Benzoxazoles as Potential Antimicrobial and Cytotoxic Agents**  
Erol M., Çelik İ., Uzunhisarcıklı E., Kuyucuklu G.  
Polycyclic Aromatic Compounds, vol.40, pp.1-18, 2020 (Journal Indexed in SCI Expanded)
- **Synthesis, molecular docking and ADME prediction of some new benzimidazole carboxamides derivatives as antimicrobial agents**  
Erol M., Çelik İ., Arpacı Ö., Göker A. H. , Kaynak Onurdağ F., Ökten S.  
Medicinal Chemistry Research, vol.29, pp.1-15, 2020 (Journal Indexed in SCI Expanded)
- **Antimicrobial and antiproliferative activity studies of some new quinoline-3-carbaldehyde hydrazone derivatives**  
Püsküllü M. O. , Çelik İ., Erol M., Fatullayev H., Uzunhisarcıklı E., Kuyucuklu G.  
Bioorganic Chemistry, vol.105, pp.1-20, 2020 (Journal Indexed in SCI)
- **Design, Synthesis, Molecular Docking, Density Functional Theory and Antimicrobial Studies of Some Novel Benzoxazole Derivatives as Structural Bioisosteres of Nucleotides**  
Erol M., Çelik İ., Arpacı Ö., Kaynak Onurdağ F., Ökten S.  
Journal Of Biomolecular Structure & Dynamics, vol.38, pp.1-10, 2020 (Journal Indexed in SCI)
- **Evaluation of Activity of Some 2,5-Disubstituted Benzoxazole Derivatives against Acetylcholinesterase, Butyrylcholinesterase and Tyrosinase: ADME Prediction, DFT and Comparative Molecular Docking Studies**  
Çelik İ., Erol M., Arpacı Ö., Şenol F. S. , Erdoğan Orhan İ.  
Polycyclic Aromatic Compounds, vol.40, pp.1-13, 2020 (Journal Indexed in SCI Expanded)
- **Synthesis and antimicrobial evaluation of novel 5-substituted-2-(p-tert-butylphenyl)benzoxazoles**  
EROL M., Temiz-Arpacı Ö., Kaynak-Onurdağ F., Okten S.  
INDIAN JOURNAL OF CHEMISTRY SECTION B-ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY, pp.385-389, 2018 (Journal Indexed in SSCI)
- **Biological evaluation and docking studies of some benzoxazole derivatives as inhibitors of acetylcholinesterase and butyrylcholinesterase**  
Temiz-Arpacı O., ARISOY M., SAÇ D., DOĞANÇ F., TAŞCI M., ŞENOL F. S. , Orhan I. E.  
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.71, pp.409-413, 2016 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **Antiprotozoal Diseases and Aromatic Diamidine Derivatives Used in The Treatment of These Diseases**  
EROL M.  
International Annals of Medicine, vol.2, no.11, pp.1-8, 2018 (Refereed Journals of Other Institutions)

### Refereed Congress / Symposium Publications in Proceedings

- **Evaluation of Synthesis and Structure Elucidation of Some Benzimidazoles as Antimicrobial Agents**  
Erol M., Temiz Arpacı Ö., Göker H.  
20. world of academy science engineering and technology conference proceedings, , London, United Kingdom, 13 - 15 September 2018, pp.11
- **SYNTHESIS OF SOME NOVEL AMIDINE DERIVATIVES**  
ARPACI Ö., EROL M., GÖKER A. H.  
ISOPS, 26 - 29 June 2018
- **ANTIMICROBIAL EVALUATION OF SOME HETEROCYCLIC COMPOUNDS**  
ARPACI Ö., EROL M., KAYNAK ONURDAĞ F., ÖKTEN S.  
ISOPS, 26 - 29 June 2018
- **SYNTHESIS and STRUCTURE ELUCIDATION of SOME NOVEL BENZOXAZOLE DERIVATES**  
EROL M., ARPACI Ö.  
ISOPS, 26 - 29 June 2018
- **STUDIES ON ANTIMICROBIAL PROPERTIES OF SOME BENZIMIDAZOLES**  
EROL M., ARPACI Ö., GÖKER A. H. , KAYNAK ONURDAĞ F., ÖKTEN S.  
ISOPS, Ankara, Turkey, 26 - 29 June 2018
- **SYNTHESIS OF SOME NOVEL BIOLOGICALLY EFFECTIVE BENZIMIDAZOLE DERIVATIVES**  
Erol M., Temiz-Arpacı Ö., Göker H.  
GPSS, Ankara, Turkey, 11 - 13 October 2017, pp.248
- **ANTIMICROBIAL EVALUATION OF SOME HETEROCYCLIC COMPOUNDS**  
Erol M., Temiz Arpacı Ö., Kaynak Onurdağ F., Ökten S.  
GPSS, Ankara, Turkey, 11 - 13 October 2017, pp.410
- **Synthesis and Biological Evaluation of Some Benzoxazole Derivatives as Inhibitors of Acetylcholinesterase / Butyrylcholinesterase and Tyrosinase**  
Temiz-Arpacı Ö., EROL M., Sezer Şenol F., Erdoğan Orhan İ.  
19. world of academy science engineering and technology conference proceedings, London, United Kingdom, 21 - 22 September 2017, pp.1763
- **Synthesis of Some Biologically Effective 5-substituted- 2-(p-tert-butylphenyl)Benzoxazoles**  
TAŞCI M., TEMİZ ARPACI Ö.  
23rd Young Research Fellow Meeting, Lille, France, 15 - 17 February 2016, pp.29
- **Synthesis of Some Biologically Effective 2,5-Disubstitued-Benzoxazoles**  
TAŞCI M., Temiz Arpacı Ö.  
11th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 9 - 12 June 2015, pp.281-282

## Other Publications

- **Evaluation of Synthesis and Structure Elucidation of Some Benzimidazoles as Antimicrobial Agents**  
ARPACI Ö., EROL M., Göker H.  
Presentation, pp.11, 2018
- **Synthesis and Biological Evaluation of Some Benzoxazole Derivatives as Inhibitors of Acetylcholinesterase / Butyrylcholinesterase and Tyrosinase**  
Temiz- Arpacı Ö., Erol M., Sezer-Şenol F., Erdoğan-Orhan İ.  
Presentation, pp.1, 2017

## Supported Projects

Erol M., Arpacı Ö., Püsküllü M. O. , Demirpolat E., Çelik İ., TUBITAK Project, Benzoksazol Yapısı Taşıyan Bazı Yeni Bileşiklerin Tasarımı, Moleküler Docking Çalışması, Sentezi İle EGFR ve VEGFR-2 Kinaz Aktiviteleri Üzerine Etkilerinin Değerlendirilmesi, 2020 - 2021

Erol M., Çelik İ., Uzunhisarcıklı E., Project Supported by Higher Education Institutions, Bazı Yeni 2,5-Disübstitüe Benzoksazol Türevi Bileşiklerin Sentezi Yapılarının Aydınlatılması ve MCF-7 Hücre Hatında İn Vitro Sitotoksik Etkisinin İncelenmesi, 2020 - 2020

Erol M., Püsküllü M. O. , Project Supported by Higher Education Institutions, Bazı Kinolin 3-Karbaldehit Hidrazon Türevi Bileşiklerin A549 Hücre Hattı Üzerinde İn Vitro Sitotoksik Etkisinin İncelenmesi, 2020 - 2020

Erol M., Arpacı Ö., Püsküllü M. O. , Çelik İ., Fatullayev H., Hızlısoy H., Project Supported by Higher Education Institutions, Bazı Yeni Benzoksazol Türevi Bileşiklerin Sentezi, Moleküler Docking Çalışmaları ve Antimikrobiyal Etkilerinin Değerlendirilmesi, 2019 - 2020

Püsküllü M. O. , Erol M., Çelik İ., Fatullayev H., Project Supported by Higher Education Institutions, Yeni Bazı Kinolin 3-Karbaldehit Hidrazon Türevlerinin Sentezi Yapılarının Aydınlatılması Antimikrobiyal Etkilerinin Değerlendirilmesi ve Moleküler Docking Çalışmaları, 2019 - 2020

EROL M., ÇELİK İ., FATULLAYEV H., Project Supported by Higher Education Institutions, Bazı Yeni 2-Merkapto Pirimidin Türevlerinin Sentezi, 2019 - 2019

Erol M., Temiz Arpacı Ö., Kosava F., Project Supported by Higher Education Institutions, Bazı Yeni Benzoksazol Bileşiklerinin Sentez, Yapı Aydınlatmaları ve Antikanser Etki Çalışmaları, 2016 - 2016

## **Memberships / Tasks in Scientific Organizations**

TÜRK FARMASÖTİK VE MEDİSİNAL KİMYA DERNEĞİ, Member, 2019 - Continues

## **Scientific Refereeing**

SN Applied Sciences, Other Indexed Journal, October 2020

CHEMISTRYSELECT, Journal Indexed in SCI-E, September 2020

Anti-Infective Agents, Other Indexed Journal, April 2020

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, December 2019

MARMARA PHARMACEUTICAL JOURNAL, Journal Indexed in ESCI, October 2018

## **Tasks In Event Organizations**

Erol M., İnce U., BOŞGELMEZ İ. İ. , 21. Bitkisel İlaç Hammaddeleri Toplantısı, Scientific Congress, Kayseri, Turkey, Haziran 2014

Erol M., XI. TÜRK ECZACILIK TARİHİ TOPLANTISI, Scientific Congress, Kayseri, Turkey, Mayıs 2014

## **Invited Congress and Symposium Activities**

12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Attendee, Ankara, Turkey, 2018

2nd Gazi Pharma Symposium Series, Attendee, Ankara, Turkey, 2017

23rd Young Research Fellow Meeting, Attendee, Lille, France, 2016

International Symposium on Pharmaceutical Sciences (ISOPS), Attendee, Ankara, Turkey, 2015

21. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT), Attendee, Nevşehir, Turkey, 2014

XI. TÜRK ECZACILIK TARİHİ TOPLANTISI, Attendee, KAYSERİ, Turkey, 2014

## **Citations**

Total Citations (WOS):5

h-index (WOS):1

## **Scholarships**

2211- YURT İÇİ DOKTORA BURSUN, TUBITAK, 2012 - Continues

## **Awards**

EROL M., Erciyes Üniversitesi Eczacılık Fakültesi 2011-2012 Mezuniyet Dönemi Üçüncülük Ödülü, Erciyes Üniversitesi,  
June 2012