

## **Assoc. Prof. MEHMET ALP**

### **Personal Information**

**Office Phone:** [+90 312 203 3065](tel:+903122033065)

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

**Email:** malp@ankara.edu.tr

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

**Address:** Ankara Üniversitesi Eczacılık Fakültesi Emniyet Mah. Dögol Cad. No: 4 Posta Kod: 06560 Yenimahalle, Ankara, Türkiye

### **International Researcher IDs**

ORCID: 0000-0001-5496-1489

Publons / Web Of Science ResearcherID: AAF-3170-2020

ScopusID: 36799078100

Yoksis Researcher ID: 104789

### **Education Information**

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 2001 - 2007

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1994 - 1998

### **Dissertations**

Doctorate, N-Sübstütüe Amidin Grubu Taşıyan Benzimidazol Türevi Bileşiklerin Sentez, Yapı Aydınlatmaları ve Antimikrobiyal Etkileri Üzerinde Çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 2007

Postgraduate, N-Sübstütüe amidin grubu taşıyan bazı heterosiklik halkaların sentez, yapı-aydınlatmaları ve antimikrobial etkileri üzerinde çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), 2001

### **Research Areas**

Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry, Health Sciences

### **Academic Titles / Tasks**

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2015 - Continues

Expert, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2005 - 2015

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1999 - 2005

### **Academic and Administrative Experience**

Fakülte Yönetim Kurulu Üyesi, Ankara University, Eczacılık Fakültesi, 2017 - 2023

### **Courses**

## Advising Theses

Alp M., Bazı sübstitüe benzimidazol türevi bileşiklerin sentezi, yapılarının aydınlatılması ve antikanser etkilerinin incelenmesi, Postgraduate, B.ŞENER(Student), 2023

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

- I. Some 2-[4-(*1H*-benzimidazol-1-yl) phenyl]-*1H*-benzimidazole derivatives overcome imatinib resistance by induction of apoptosis and reduction of P-glycoprotein activity  
Hekmatshoar Y., Ozkan T., Alp M., Gurkan-Alp A. S., Sunguroglu A.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.102, no.6, pp.1521-1533, 2023 (SCI-Expanded)
- II. Synthesis and Cytotoxicity of Some Imidazo[4,5-*b*]pyridine Derivatives and Their Regioselective *N*-Alkylation  
DOĞANÇ F., ALP M., Karabay A. Z., KOÇ A., EREN G., GÖKER A. H.  
CHEMISTRYSELECT, no.7, pp.1519-1525, 2021 (SCI-Expanded)
- III. Regioselective N-alkylation of some imidazole-containing heterocycles and their in vitro anticancer evaluation  
Karaaslan C., DOĞANÇ F., ALP M., KOÇ A., KARABAY A. Z., GÖKER A. H.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1205, 2020 (SCI-Expanded)
- IV. Synthesis of Some Benzimidazole-derived Molecules and their Effects on PARP-1 Activity and MDA-MB-231, MDA-MB-436, MDA-MB-468 Breast Cancer Cell Viability  
Gurkan-Alp A. S., Alp M., Karabay A. Z., Koç A., Buyukbingol E.  
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.20, no.14, pp.1728-1738, 2020 (SCI-Expanded)
- V. Separation and identification of the mixture of 2-(3,4-dimethoxyphenyl)-1-n-propyl or (4-chlorobenzyl)-5 and (6)-1*H*-benzimidazolecarbonitriles  
DOĞANÇ F., ALP M., GÖKER A. H.  
MAGNETIC RESONANCE IN CHEMISTRY, vol.54, no.10, pp.851-857, 2016 (SCI-Expanded)
- VI. Synthesis and anticancer effects of some novel 2-(4-phenoxyphenyl)-1*H*-benzimidazole derivatives on K562 cell line  
Gurkan-Alp A. S., GÖKER A. H., ALP M., ÖZKAN T., SUNGUROĞLU A.  
ARCHIVES OF PHARMACAL RESEARCH, vol.38, no.5, pp.650-658, 2015 (SCI-Expanded)
- VII. Bis-Benzimidazole Hits against Naegleria fowleri Discovered with New High-Throughput Screens  
Rice C. A., Colon B. L., ALP M., GÖKER A. H., Boykin D. W., Kyle D. E.  
ANTIMICROBIAL AGENTS AND CHEMOTHERAPY, vol.59, no.4, pp.2037-2044, 2015 (SCI-Expanded)
- VIII. Synthesis and antiproliferative evaluation of novel 5-(4-methylpiperazin-1-yl)-2-phenyl-1*H*-benzimidazole derivatives  
ALP M., Gurkan-Alp A. S., ÖZKAN T., SUNGUROĞLU A.  
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.70, no.3-4, pp.79-85, 2015 (SCI-Expanded)
- IX. Synthesis and cytotoxic evaluation of novel N-substituted amidino-1-hydroxybenzimidazole derivatives  
ALP M., GÖKER A. H., ÖZKAN T., SUNGUROĞLU A.  
ARCHIVES OF PHARMACAL RESEARCH, vol.37, no.5, pp.580-587, 2014 (SCI-Expanded)
- X. Synthesis and antimicrobial activity of novel 2-[4-(1*H*-benzimidazol-1-yl)phenyl]-1*H*-benzimidazoles  
ALP M., GÖKER A. H., ALTANLAR N.  
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.1, pp.152-156, 2014 (SCI-Expanded)
- XI. Isolation and identification of a new sildenafil analogue adulterated in energy drink: Propoxyphenyl

- sildenafil**  
ALP M., Coskun M., GÖKER A. H.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.72, pp.155-158, 2013 (SCI-Expanded)
- XII. **Synthesis and Potent In vitro Activity of Novel 1H-Benzimidazoles as Anti-MRSA Agents**  
Karatas H., ALP M., Yildiz S., GÖKER A. H.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.80, no.2, pp.237-244, 2012 (SCI-Expanded)
- XIII. **Isolation and identification of a new acetildenafil analogue used to adulterate a dietary supplement: dimethylacetildenafil**  
GÖKER A. H., Coskun M., ALP M.  
TURKISH JOURNAL OF CHEMISTRY, vol.34, no.2, pp.157-163, 2010 (SCI-Expanded)
- XIV. **Synthesis and Potent Antifungal Activity Against Candida Species of Some Novel 1H-Benzimidazoles**  
GÖKER A. H., ALP M., ALAGÖZ Z., Yildiz S.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.46, no.5, pp.936-948, 2009 (SCI-Expanded)
- XV. **Synthesis and antiparasitic and antifungal evaluation of 2 '-arylsubstituted-1H,1 ' H-[2,5]'bisbenzimidazolyl-5-carboxamidines**  
ALP M., GÖKER A. H., Brun R., Yildiz S.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.44, no.5, pp.2002-2008, 2009 (SCI-Expanded)
- XVI. **Synthesis and crystal structure of 1-benzyl-2-(4-benzyloxyphenyl)-5,6-dichloro-1H-benzimidazole**  
KAYNAK F. B., ÖZBEY S., TUNÇBİLEK M., ALP M.  
STRUCTURAL CHEMISTRY, vol.19, no.3, pp.477-480, 2008 (SCI-Expanded)
- XVII. **Synthesis and potent antimicrobial activities of some novel retinoidal monocationic benzimidazoles**  
ALAGÖZ Z., Alp M., Kus C., Yildiz S., Buyukbingol E., GÖKER A. H.  
Archiv der Pharmazie, vol.339, no.2, pp.74-80, 2006 (SCI-Expanded)
- XVIII. **Synthesis and potent antimicrobial activity of some novel N-(alkyl)-2-phenyl-1H-benzimidazole-5-carboxamidines**  
GÖKER A. H., Alp M., Yildiz S.  
Molecules, vol.10, no.11, pp.1377-1386, 2005 (SCI-Expanded)

## Articles Published in Other Journals

- I. **SİSTEMİK MANTAR ENFEKSİYONLARININ TEDAVİSİNDE YENİ HEDEFLER VE YENİ BİLEŞİKLER: NEW TARGETS AND NEW COMPOUNDS FOR THE TREATMENT OF SYSTEMIC FUNGAL INFECTIONS**  
KUŞ C., ALP M.  
ANKARA UNIVERSITESI ECZACILIK FAKULTESİ DERGİSİ, no.2, pp.91-131, 2002 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **İlaç Keşfi ve Geliştirilmesi**  
Alp M. (Editor)  
Akademisyen Yayınevi Kitabevi, Ankara, 2021
- II. **İlaç Etkin Maddesi Tasarımı ve Geliştirilmesinde Medisinal Kimya**  
ALP M., ALP A. S.  
in: İlaç Keşfi ve Geliştirilmesi, Mehmet Alp, Editor, Akademisyen Kitabevi, Ankara, pp.69-105, 2021
- III. **Antiamibik İlaçlar**  
ALP M.  
in: Medisinal Kimya, Mehmet Alp, Editor, Akademisyen Kitabevi, Ankara, pp.222-230, 2021
- IV. **Antimalaryaller**  
ALP M.  
in: Medisinal Kimya, Mehmet Alp, Editor, Akademisyen Kitabevi, Ankara, pp.432-466, 2021

V. **Medisinal Kimya Kısa Bir Giriş**

Alp M., Alp A. S.

Akademisyen Kitabevi, Ankara, 2019

**Refereed Congress / Symposium Publications in Proceedings**

I. **Synthesis of Some Novel 4-(1H-Benzimidazol-1-yl)-N'-Benzylidenebenzohydrazide Derivatives**

Alp M., Gurkan-Alp A. S.

International Symposium on Pharmaceutical Sciences (ISOPS-13), Ankara, Turkey, 22 - 25 June 2021, pp.190-191

II. **SYNTHESIS OF SOME NOVEL N-SUBSTITUTED 4-(1H-BENZIMIDAZOL-1-YL)-BENZAMIDE DERIVATIVES**

ALP M.

d, Ankara, Turkey, 26 - 29 June 2018, pp.387-388

III. **Synthesis and anticancer effects of some novel benzimidazole-derived PARP inhibitor molecules**

Alp M., Gurkan-Alp A. S., Karabay A. Z., Büyükbıngöl M. E.

2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017

IV. **Apoptoziste Görev Alan İlaç Hedefleri ve Bu Hedefleri Etkileyen Bileşikler**

ALP M.

1.Uluslararası Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu, Turkey, 1 - 02 June 2017

V. **Separation and identification of the mixture of 2 3 4 dimethoxyphenyl 1 n propyl or 4 chlorobenzyl 5 and 6 1H benzimidazolecarbonitriles**

DOĞANÇ F., ALP M., GÖKER A. H.

27th European Colloquium on Heterocyclic Chemistry, 3 - 06 July 2016

VI. **Anticancer evaluation of Some 5 4 Methylpiperazin 1 yl 2 Phenyl 1H Benzimidazole Derivatives**

ALP M., ALP A. S., ÖZKAN T., SUNGUROĞLU A.

International Symposium on Pharmaceutical Sciences (ISOPS-11), 9 - 12 June 2015

VII. **Effects of indole lipoic acid derivatives on cell viability parameters in K562 leukemia cell line**

ALP M., ALP A. S., ÖZKAN T., SUNGUROĞLU A.

International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

VIII. **ANTIPROLIFERATIVE ACTIVITIES OF SOME 2 4 1H BENZIMIDAZOL 1 YL PHENYL 1H BENZIMIDAZOLE DERIVATIVES**

ÖZKAN T., SUNGUROĞLU A., ALP M.

11th International Symposium on Pharmaceutical Sciences, 9 - 11 June 2015

**Supported Projects**

Alp M., Project Supported by Higher Education Institutions, Ankara Üniversitesi Eczacılık Fakültesi Araştırma Laboratuvarlarının Altyapısının İyileştirilmesi, 2014 - 2016

Alp M., Project Supported by Higher Education Institutions, BAP 2006 0803054 Yeni bazı substitüe guanido yada amidino benzimidazol türevlerinin sentez antimikrobiyal etkileri sitotoksik ve genotsksik etkilerinin incelenmesi, 2007 - 2009

Alp M., TÜBİTAK Project, Tübitak SBGA 106S202 Yeni bazı heterosiklik bileşiklerin sentez yapı aydınlatılması antibakteriyel ve antifungal etkileri üzerinde çalışmalar, 2006 - 2008

Alp M., TÜBİTAK Project, N-substitue asetamid ve karboksiamidin grubu taşıyan yeni bazı benzimidazol türevlerinin sentez, yapı aydınlatılması Candida albicans'a karşı antifungal etkilerinin incelenmesi, 1999 - 2000

**Metrics**

**Publication:** 35

**Citation (WoS):** 283

**Citation (Scopus):** 287

**H-Index (WoS):** 10

**H-Index (Scopus):** 9