

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. Döğol 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-Süstitüe 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-Süstitüe amidin grubu taşıyan bazı heterosiklik halkaların sentez, yapı-aydınlatmaları ve antimikrobiyal 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 süstitüe 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)-1H-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)-1H-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-1H-benzimidazole derivatives**
ALP M., Gurkan-Alp A. S., ÖZKAN T., SUNGUROĞLU A.
ZEITSCHRIFT FÜR 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-(1H-benzimidazol-1-yl)phenyl]-1H-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 UNIVERSİTESİ 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., Büyükbingöl 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.Ulusal 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-benzimidazole carbonitriles**
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 genotoksik etkilerinin incelenmesi, 2007 - 2009

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

Alp M., TUBITAK Project, N-substitüe 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