Assoc. Prof. MEHMET ABDULLAH ALAGÖZ

Personal Information

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International Researcher IDs
ORCID: 0000-0001-5190-7196
Publons / Web Of Science ResearcherID: W-7847-2018
Yoksis Researcher ID: 132770

Biography

1984 yılında Malatya'da doğdu. İlk ve orta öğrenimini Malatya'da tamamladı. 2004 yılında İnönü Üniversitesi Eczacılık Fakültesine başladı. 2008 yılında mezun oldu. 2008 yılında İnönü Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Anabilim Dalı'nda yüksek lisansa başladı 2011 yılında mezun oldu. 2011 yılında Gazi Üniversitesi - İnönü Üniversitesi Sağlık Bilimleri Farmasötik Kimya Anabilimdalı ortak doktora programına başladı 2017 yılında mezun oldu. 2018 yılında İnönü Üniversitesi Eczacılık fakültesi farmasötik kimya anabilim dalında Dr. Öğretim Üyesi olarak göreve başlamıştır.

Education Information

Doctorate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl), Turkey 2011 - 2017
Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl), Turkey 2008 - 2011
Undergraduate, Inonu University, Eczacılık Fakültesi, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, inönü Üniversitesi, 2009

Dissertations

Doctorate, Synthesis of new compounds of 1-aryl-2-(3,5-dimethylpyrazole1-yl)ethanon derivatives and investigation of cytotoxic effects, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl), 2017
Postgraduate, Yeni nafimidon oksim ester türevi bileşiklerin sentezleri ve antikonvülsan aktiviteleri, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl), 2011

Research Areas

Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Associate Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2023 - Continues
Assistant Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2018 - 2023
Research Assistant, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Yl), 2009 - 2013

Academic and Administrative Experience

Vice Dean, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Courses

Farmasötik Kimya I, Undergraduate, 2021-2022
Farmosötik Kimya IV (Laboratuvar), Undergraduate, 2021-2022
Bilgisayar Destekli İlaç Araştırmaları, Undergraduate Double Major, 2021-2022
Farmasötik Kimya III (Laboratuvar), Undergraduate, 2021-2022
Tez Çalışması, Undergraduate Double Major, 2021-2022
Farmasötik Kimya I laboratuvar, Undergraduate, 2021-2022
Uygulamali Organik Kimya, Undergraduate Double Major, 2021-2022
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2021-2022
Farmasötik Kimya İçin Literatür Tarama Teknikleri, Undergraduate Double Major, 2021-2022
İlaçlarda Fizikokimyasal Parametreler, Undergraduate Double Major, 2021-2022
Organik Kimya II, Undergraduate, 2021-2022
Organik Kimya Nomenklatürü, Undergraduate Double Major, 2021-2022
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2021-2022
Spektral Yöntemlerle Organik Yapı Analizi, Undergraduate Double Major, 2021-2022
Uzmanlık Alanı, Undergraduate Double Major, 2021-2022
Farmosötik Kimya II (Laboratuvar), Undergraduate, 2021-2022
Organik Kimya II, Undergraduate Double Major, 2021-2022
Arastirma Projesi II, Undergraduate, 2020-2021
Bilgisayar Destekli İlaç Araştırmaları, Undergraduate Double Major, 2020-2021
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2020-2021
Eczacılığa Giriş, Undergraduate, 2020 - 2021
Eczane İşletmeciliği, Undergraduate, 2020-2021
Farmasötik Kimya III, Undergraduate, 2020-2021
İlaç Keşfinin Aşamaları ve Yeni Yaklaşımlar, Postgraduate, 2020 - 2021
Arastirma Projesi I, Undergraduate, 2020-2021
Farmasötik Kimya IV, Undergraduate, 2020-2021
Farmasötik Kimya IV (Laboratuvar), Undergraduate, 2020-2021
Bilgisayar Destekli İlaç Araştırmaları, Postgraduate, 2020 - 2021
Uzmanlık Alanı, Undergraduate Double Major, 2020-2021
İlaç Keşfinin Aşamaları ve Yeni Yaklaşımlar, Undergraduate Double Major, 2020-2021
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2020-2021
Pharmaceutical Chemistry III, Undergraduate, 2020 - 2021
Tez Çalışması, Undergraduate Double Major, 2020-2021
Organik Kimya I, Undergraduate, 2019-2020

Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2019-2020
Farmosötik Kimya II (Laboratuvar), Undergraduate, 2019-2020
Farmasötik Kimya III (Laboratuvar), Undergraduate, 2019-2020
Farmasötik Dozaj Şekilleri: Formülasyon ve Kalite Kontrolleri, Undergraduate Double Major, 2019-2020
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2019-2020
İlaç Etken Madde Üretim Stratejileri, Undergraduate Double Major, 2019-2020
Organik Kimya II, Undergraduate, 2019-2020
Eczacılığa Giriş, Undergraduate, 2019-2020
Tez Çalışması, Undergraduate Double Major, 2019-2020
Bilgisayar Destekli İlaç Araştırmaları, Undergraduate Double Major, 2019-2020
Uzmanlık Alanı, Undergraduate Double Major, 2019-2020
Farmasötik ve Biyofarmasötik Analizlerde Kullanılan Yöntemler II, Undergraduate Double Major, 2019-2020
Farmasötik Kimya IV (Laboratuvar), Undergraduate, 2019-2020
Farmasötik Kimya IV Laboratuvar, Undergraduate, 2018-2019
İlaçta Patent ve Ruhsat, Undergraduate, 2018-2019
Organik Kimya, Undergraduate, 2018-2019
Eczacılık Tarihi, Undergraduate, 2018-2019
Farmasötik ve Biyofarmasötik Analizlerde Kullanılan Yöntemler II: Titrimetrik ve Spektroskopik Yöntemler, Undergraduate Double Major, 2018-2019
Bilgisayar Destekli İlaç Araştırmaları, Undergraduate Double Major, 2018-2019
Farmasötik Dozaj Şekilleri: Formülasyon ve Kalite Kontrolleri, Undergraduate Double Major, 2018-2019
Terminoloji, Undergraduate, 2018-2019
Radyofarmasi, Undergraduate, 2018-2019
Eczacılıkta Bilimsel Çalışma İlkeleri II, Undergraduate, 2018-2019
Eczacılık Tarihi ve Eczacılığa Giriş, Undergraduate, 2018-2019
Eczacılıkta Bilimsel Çalışma İlkeleri I, Undergraduate, 2018-2019
Farmasötik Kimya I laboratuvar, Undergraduate, 2018-2019
Eczacılığa Giriş, Undergraduate, 2018-2019
Araştırma Projesi I, Undergraduate, 2018-2019
Farmasötik Kimya II, Undergraduate, 2018-2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Synthesis, characterization, evaluation of metabolic enzyme inhibitors and in silico studies of thymol based 2-amino thiol and sulfonic acid compounds**
BORA R. E., Bilgicli H. G., Uc E. M., ALAGÖZ M. A., ZENGİN M., GÜLÇİN İ.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.366, 2022 (SCI-Expanded)

II. **Synthesis, In Vitro Biological Evaluation, and Molecular Docking Studies of Novel Biphenyl Chalcone Derivatives as Antimicrobial Agents**
BURMAOĞLU S., KAZANCIOĞLU E. A., KAZANCIOĞLU M. Z., ALAGÖZ M. A., DÖĞEN A., ALGÜL Ö.
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.9, pp.5948-5961, 2022 (SCI-Expanded)

III. **2-Phenyl substituted Benzimidazole derivatives: Design, synthesis, and evaluation of their antiproliferative and antimicrobial activities**
Ersan R. H., Kuzu B., Yetkin D., ALAGÖZ M. A., DÖĞEN A., BURMAOĞLU S., ALGÜL Ö.
MEDICINAL CHEMISTRY RESEARCH, vol.31, no.7, pp.1192-1208, 2022 (SCI-Expanded)

IV. **Histological assessment of liver and stomach damage caused by pyridazinone derivative antidepressant agents**
ÖZDEMİR Z., KARAKURT A., TAŞLIDERE E., VARDI N., ALAGÖZ M. A., PARLAKPINAR H., USLU H., GÖZÜKARA BAĞ H. G.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.5, pp.355-362, 2022 (SCI-Expanded)

V. **Bisbenzoxazole Derivatives: Design, Synthesis, in Vitro Antimicrobial, Antiproliferative Activity, and Molecular Docking Studies**
Ersan R. H., ALAGÖZ M. A., DÖĞEN A., DURAN N., BURMAOĞLU S., ALGÜL Ö.
POLYCYCLIC AROMATIC COMPOUNDS, vol.42, no.6, pp.3103-3123, 2022 (SCI-Expanded)

VI. **Antifungal Azole Derivatives Featuring Naphthalene Prove Potent and Competitive Cholinesterase Inhibitors with Potential CNS Penetration According to the in Vitro and in Silico Studies**
SARI S., AKKAYA D., ZENGİN M., SABUNCUOĞLU S., ÖZDEMİR Z., ALAGÖZ M. A., KARAKURT A., BARUT B.
CHEMISTRY & BIODIVERSITY, vol.19, no.7, 2022 (SCI-Expanded)

VII. **Azoles containing naphthalene with activity against Gram-positive bacteria: in vitro studies and in silico predictions for flavohemoglobin inhibition**
SARI S., SABUNCUOĞLU S., KOÇAK ASLAN E., AVCI A., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., ALAGÖZ M. A., KARAKURT A., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.20, pp.10220-10229, 2022 (SCI-Expanded)

VIII. **Synthesis, Biological Evaluation and In Silico Studies of Some 2-Substituted Benzoxazole Derivatives as Potential Anticancer Agents to Breast Cancer**
Kuzu B., Hepokur C., ALAGÖZ M. A., BURMAOĞLU S., ALGÜL Ö.
CHEMISTRYSELECT, vol.7, no.1, 2022 (SCI-Expanded)

IX. **New chalcone derivatives as effective against SARS-CoV-2 agent**
DURAN N., Polat M. F., ANIL D., ALAGÖZ M. A., Ay E., Cimen F., Tek E., ANIL B., BURMAOĞLU S., ALGÜL Ö.
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.12, 2021 (SCI-Expanded)

X. **An efficient synthesis of novel di-heterocyclic benzazole derivatives and evaluation of their antiproliferative activities**
ALGÜL Ö., Ersan R. H., ALAGÖZ M. A., DURAN N., BURMAOĞLU S.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.39, no.18, pp.6926-6938, 2021 (SCI-Expanded)

XI. **Head-to-head bisbenzazole derivatives as antiproliferative agents: design, synthesis, in vitro activity, and SAR analysis**
Ersan R. H., Alagoz M. A., Ertan-Bolelli T., DURAN N., BURMAOĞLU S., ALGÜL Ö.
MOLECULAR DIVERSITY, vol.25, no.4, pp.2247-2259, 2021 (SCI-Expanded)

XII. **Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects**
ALAGÖZ M. A., KARAKURT A., Hepokur C., ŞALVA E., Onkol T., Ghoneim M. M., Abdelgawad M. A., Khames A., Kim H., Mathew B.
PROCESSES, vol.9, no.11, 2021 (SCI-Expanded)

XIII. **Synthesis, Cytotoxicity and Anti-Proliferative Activity Against AGS Cells of New 3(2H)-Pyridazinone Derivatives Endowed with a Piperazinyl Linker.**
Alagöz M. A., Özdemir Z., Uysal M., Carradori S., Gallorini M., Ricci A., Zara S., Mathew B.
Pharmaceuticals (Basel, Switzerland), vol.14, 2021 (SCI-Expanded)

XIV. **Monoamineoxidase-B (MAO-B) Inhibitors in theTreatment of Alzheimer's and Parkinson's Disease.**
Özdemir Z., Alagöz M. A., Bahçecioğlu Ö. F., Gök S.
Current medicinal chemistry, vol.28, pp.6045-6065, 2021 (SCI-Expanded)

XV. **Synthesis, molecular modelling and biological activity of some pyridazinone derivatives as selective human monoamine oxidase-B inhibitors**
ÖZDEMİR Z., Alagoz M. A., Uslu H., KARAKURT A., Erikci A., Ucar G., UYSAL M.
PHARMACOLOGICAL REPORTS, vol.72, no.3, pp.692-704, 2020 (SCI-Expanded)

XVI. **Synthesis and biological evaluation of new 3(2H)-pyridazinone derivatives as non-toxic anti-proliferative compounds against human colon carcinoma HCT116 cells**
ÖZDEMİR Z., UTKU S., Mathew B., Carradori S., Orlando G., Di Simone S., Alagoz M. A., ÖZÇELİK A. B., UYSAL M., Ferrante C.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.35, no.1, pp.1100-1109, 2020 (SCI-Expanded)

XVII. **Coumarin or benzoxazinone based novel carbonic anhydrase inhibitors: synthesis, molecular**

docking and anticonvulsant studies
KARATAŞ M. O., USLU H., SARI S., ALAGOZ M. A., KARAKURT A., ALICI B., Bilen C., Yavuz E., Gencer N., Arslan O.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.5, pp.760-772, 2016 (SCI-Expanded)

XVIII. **Evaluation of the Effects of Novel Nafimidone Derivatives on Thermal Hypoalgesia in Mice with Diabetic Neuropathy**
KAMIŞLI S., KARAKURT A., UYUMLU A. B., SATILMIŞ B., Alagoz A., GENÇ M. F., BATÇIOĞLU K.
BALKAN MEDICAL JOURNAL, vol.30, no.1, pp.94-98, 2013 (SCI-Expanded)

XIX. **Synthesis of some novel 1-(2-naphthyl)-2-(imidazol-1-yl)ethanone oxime ester derivatives and evaluation of their anticonvulsant activity**
KARAKURT A., ALAGOZ M. A., Sayoglu B., Calis U., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.57, pp.275-282, 2012 (SCI-Expanded)

XX. **CARDIOPROTECTIVE AND ANTIOXI DAN ACTIVITY OF BLUEBERRY ANTHOCYANINE AND POLYPHENOLS IN RATS**
KARAKURT C., Gursoy S., Alagoz M. A., KARAKURT A., Aktays G., Kocak G.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.167-168, 2009 (SCI-Expanded)

Articles Published in Other Journals

I. **Synthesis, Molecular Docking and Molecular Dynamics Simulation Studies of Some Pyridazinone Derivatives as Lipase Inhibitors**
ALAGÖZ M. A., DOĞAN İ. S., Şener S., ÖZDEMİR Z.
CUMHURIYET SCIENCE JOURNAL, vol.43, no.3, pp.391-397, 2022 (Peer-Reviewed Journal)

II. **Novel 2, 6-disubstituted-3-(2H)-pyridazones as Cholinesterase Inhibitors: In vitro Enzyme Inhibition and In silico Molecular Modelling and Dynamic Studies**
ÖZÇELİK A. B., Rüzgar H. E., ŞENOL DENİZ F. S., ERDOĞAN ORHAN İ., ALAGÖZ M. A., ÖZDEMİR Z.
Journal of Gazi University Health Sciences Institute, vol.4, no.2, pp.80-95, 2022 (Peer-Reviewed Journal)

III. **Pharmacologically Active Molecules Bearing the Pyridazinone Ring as Main Scaffold**
ÖZDEMİR Z., ALAGÖZ M. A., ARSLAN G., ÖZÇELİK A. B.
Journal of Gazi University Health Sciences Institute, vol.4, no.2, pp.61-79, 2022 (Peer-Reviewed Journal)

IV. **Cytotoxic effect of azole compounds bearing trifluorophenyl ring on MCF-7, MDA-MB-231, and HCT-116 cancer cell line**
ALAGÖZ M. A., ÖZDEMİR Z., HEPOKUR C., KARAKURT A.
Medicine Science, vol.11, no.3, pp.1212-1216, 2022 (Peer-Reviewed Journal)

V. **Synthesis, molecular modeling and evaluation of anticancer activities of some 1-substituted-4-phenyl piperazine derivatives**
ALAGÖZ M. A., ÖZDEMİR Z., HEPOKUR C., Bostancı H. E., ÖNKOL T.
Macedonian Pharmaceutical Bulletin, vol.66, no.03, pp.53-54, 2020 (Peer-Reviewed Journal)

VI. **QSAR and pharmacophore analysis on pyridazinone derivatives as acetylcholinesterase inhibitors**
ALAGÖZ M. A., ÖZDEMİR Z., ZENNİ Y. N., YILMAZ T., ÖNKOL T.
Annals of Medical Research, vol.27, no.1, pp.266-270, 2020 (Peer-Reviewed Journal)

VII. **Conventional and Microwave Assisted Synthesis of New Triazole Derivatives and Evaluation of Their Antimicrobial Activities**
ÖZDEMİR Z., DOĞAN İ. S., ALAGÖZ M. A., SELLİTEPE H. E., KART D.
Hacettepe Journal of Biology and Chemistry, vol.47, pp.277-286, 2019 (Peer-Reviewed Journal)

VIII. **Molecular Modelling Studies of Pyridazinone Derivatives as Antibutyrylcholinesterases**
ALAGÖZ M. A., ÖZDEMİR Z., ÖZÇELİK A. B.
International Journal of Pharmacy and Chemistry, vol.5, no.3, pp.26-30, 2019 (Peer-Reviewed Journal)

IX. **Studies on a novel series of 3(2H)-pyridazinones: Synthesis, molecular modelling, antimicrobial activity**
ÖZDEMİR Z., Alagoz M. A., Akdemir A. G., ÖZÇELİK A. B., ÖZÇELİK B., UYSAL M.

JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.5, pp.960-972, 2019 (ESCI)

Books & Book Chapters

I. **Anticholinesterases**
ÖZDEMİR Z., ALAGÖZ M. A.
in: selected topics in myasthenia gravis, Isam Jaber Al-Zwaini, Ali AL-Mayahi, Editor, intechOpen, Londrina, pp.69-77, 2019

Refereed Congress / Symposium Publications in Proceedings

I. **Molecular Docking Studies of Some Pyridazinone Derivatives with Anticancer Effects**
ALAGÖZ M. A.
5th INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES (ITWCCST 2019), Sakarya, Turkey, 25 - 29 October 2019, pp.7-9
II. **QSAR STUDIES OF PYRIDAZINONE DERIVATIVES AS ANTICHOLINESTERASES**
ALAGÖZ M. A., zenni y. n.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019, 1 - 03 July 2019, pp.308-310
III. **QSAR AND PHARMACOPHORE ANALYSIS ON PYRIDAZINONE-2-YL ACETOHYDRAZIDES AS ACETYLCHOLINESTERASE**
ALAGÖZ M. A., YILMAZ T., ÖZDEMİR Z., ÖNKOL T.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), Malatya, Turkey, 01 July 2019, pp.397-400
IV. **Anticancer Activity of 1-(4-Chlorophenyl)-2-(3,5-Dimethylpyrazole 1-yl)ethanon Derivatives**
ALAGÖZ M. A., HEPOKUR C., ÖNKOL T.
International Chemistry Biology Conference'18, 11 - 14 July 2018
V. **Synthesis and structural elucidation of chloroacetyl derivatives of 1-(2-naphthyl)-2-(imidazole-1-yl)ethanol and 1-(2-naphthyl)-2-(imidazol/triazol-1-yl)ethanone oxime**
ÖZDEMİR Z., Alagöz M. A., Doğan İ. S., KARAKURT A., Saraç S.
International Symposium on Drug Research & Development "From Chemistry to Medicine"& Educational Fair on "GLP and Laboratory Safety: New Approaches", Ankara, Turkey, 4 - 07 May 2009, pp.120

Supported Projects

Alagöz M. A., Karakurt A., Project Supported by Higher Education Institutions, Arilalkil azol Türevi Oksim Eter ve Esterlerin Sentezleri antidepresan Analjezik Antienflamatuvar Aktiviteleri, 2011 - 2016
Karakurt A., TUBITAK Project, Yeni Nafimidon Oksim Ester ve Eter Türevi Bileşiklerin Sentezleri ve Antikonvülsan Aktiviteleri, 2010 - 2011

Metrics

Publication: 39
Citation (WoS): 127
Citation (Scopus): 66
H-Index (WoS): 6
H-Index (Scopus): 2

Non Academic Experience

Edremit Eczanesi