

Res. Asst. MEHMET MURAT KIŞLA

Personal Information

Email: mmkisla@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/mmkisla>

International Researcher IDs

ScholarID: 8PjTPsEAAAAJ

ORCID: 0000-0001-6209-0361

Yoksis Researcher ID: 312874

Education Information

Postgraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2018 - 2020

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, Turkey 2012 - 2018

Foreign Languages

Italian, B1 Intermediate

English, C2 Mastery

Dissertations

Postgraduate, Synthesis, structure elucidation, anticancer activity and molecular modelling studies of novel phenothiazine derivatives, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2021

Research Areas

Pharmacology and Therapeutics, Pharmaceutical Chemistry

Academic Titles / Tasks

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis and Structure of Novel Phenothiazine Derivatives, and Compound Prioritization via In Silico Target Search and Screening for Cytotoxic and Cholinesterase Modulatory Activities in Liver Cancer Cells and In Vivo in Zebrafish**
KIŞLA M. M., Yaman M., Zengin-Karadayı F., Korkmaz B., Bayazeid O., Kumar A., Peravali R., Gunes D., Tiryaki R. S., Gelinci E., et al.
ACS OMEGA, 2024 (SCI-Expanded)
- II. **Synthesis, Anticancer Activity, and <i>In Silico</i> Modeling of Alkylsulfonyl Benzimidazole**

Derivatives: Unveiling Potent Bcl-2 Inhibitors for Breast Cancer

Abbade Y., KIŞLA M. M., Hassan M. A., ÇELİK İ., Dogan T. S., MUTLU P., ALAGÖZ Z.
ACS OMEGA, vol.9, no.8, pp.9547-9563, 2024 (SCI-Expanded)

- III. **Incorporation of Protecting Groups in Organic Chemistry: A Mini-Review**
Kışla M. M., Hassan M. A., Osman H. M., Aydın A. S., Sen H. T., Khazei S., Kul P., Kuş C.
CURRENT ORGANIC SYNTHESIS, vol.20, no.5, pp.491-503, 2023 (SCI-Expanded)
- IV. **Benzimidazoles Against Certain Breast Cancer Drug Targets: A Review**
KIŞLA M. M., ALAGÖZ Z.
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.22, no.19, pp.2463-2477, 2022 (SCI-Expanded)
- V. **Synthesis, antioxidant activity, molecular docking and ADME studies of novel pyrrole-benzimidazole derivatives**
Zengin Karadayi F., Basaran R., Kışla M. M., Eke B., Alagöz Z.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.3, pp.890-921, 2022 (SCI-Expanded)
- VI. **Design, synthesis, molecular docking and ADME studies of novel indole-thiazolidinedione derivatives and their antineoplastic activity as CDK6 inhibitors**
Ates-Alagoz Z., KIŞLA M. M., Karadayi F. Z., Baran S., DOĞAN T., MUTLU P.
NEW JOURNAL OF CHEMISTRY, vol.45, no.38, pp.18025-18038, 2021 (SCI-Expanded)
- VII. **Design, synthesis, anticancer activity, molecular docking and ADME studies of novel methylsulfonyl indole-benzimidazoles in comparison with ethylsulfonyl counterparts**
Karadayi F. Z., Yaman M., KIŞLA M. M., KONU KARAKAYALI Ö., Ates-Alagoz Z.
NEW JOURNAL OF CHEMISTRY, vol.45, no.20, pp.9010-9019, 2021 (SCI-Expanded)
- VIII. **Synthesis, Molecular Docking Studies and Antibacterial Activities of Novel Monocationic Indole-benzimidazole Derivatives**
Ates-Alagoz Z., KIŞLA M. M., Goker H., Yildiz S.
MEDICINAL CHEMISTRY, vol.17, no.7, pp.699-706, 2021 (SCI-Expanded)
- IX. **Design, synthesis and anticancer/antiestrogenic activities of novel indole- benzimidazoles**
Karadayi F. Z., Yaman M., KIŞLA M. M., Keskus A. G., KONU KARAKAYALI Ö., Ates-Alagoz Z.
BIOORGANIC CHEMISTRY, vol.100, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Comparison of partition coefficient (log P) prediction softwares Partisyon katsayisi (Log P) Tahmininde Kullanılan Yazılımların karşılaştırılması**
KIŞLA M. M., YILDIZ İ.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.43, no.1, pp.1-19, 2019 (Scopus)
- II. **Molecular docking studies of some tetrahydronaphthalene-benzimidazole derivatives and correlation with their corresponding anti-MRSA activities**
Zengin F., KIŞLA M. M., ALAGÖZ Z.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.43, no.1, pp.20-27, 2019 (Scopus)

Books & Book Chapters

- I. **Antikanser Etkili Retinoid Türevlerinde Yeni Gelişmeler**
KIŞLA M. M., ALAGÖZ Z.
in: CUMHURİYETİN 100. YILINDA ECZACILIKTA YENİLİKLER 4, Prof. Dr. Asuman BOZKIR, Prof. Dr. İlkay YILDIZ, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.269-281, 2023

- I. **Synthesis and Investigation of Anti-Cancer Activity of Novel Substituted Alkylsulfonyl 1H-benzo[d]imidazole Derivatives in MCF-7 Breast Cancer Cells**
Abbade Y., KIŞLA M. M., Hasan M. A., Somay Doğan T., KAŞKATEPE B., MUTLU P., Ateş Alagöz Z.
5th International Eurasian Conference on Biological and Chemical Sciences, Turkey, 23 November 2022
- II. **FENOTİYAZİN TÜREVİ BİLEŞİKLERİN SENTEZLERİ, ANTİKANSER AKTİVİTELERİ VE MOLEKÜLER DOKİNG ANALİZLERİ**
KIŞLA M. M., Yaman M., KONU KARAKAYALI Ö., ALAGÖZ Z.
VI. Ulusal Farmasötik Kimya Kongresi, 26-29 Ağustos 2022, İstanbul, İstanbul, Turkey, 26 - 29 August 2022
- III. **SYNTHESIS, ANTINEOPLASTIC ACTIVITY AND MOLECULAR DOCKING STUDIES OF NOVEL INDOLE-THIAZOLIDINEDIONE DERIVATIVES**
KIŞLA M. M., Zengin Karadayı F., DOĞAN T., MUTLU P., ALAGÖZ Z., Baran S.
13 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021
- IV. **Molecular, biochemical and in silico analyses of commercial and novel phenothiazines as anticancer agents**
Yaman M., Tiryaki S., Zengin Karadayı F., KIŞLA M. M., Omer B., Keskus A. G., ALAGÖZ Z., KONU KARAKAYALI Ö.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018

Supported Projects

Kışla M. M., Alagöz Z., Project Supported by Higher Education Institutions, Tübülin Polimeraz İnhibitörü Olarak Yeni İndol Tiyazolidindion Türevlerinin Sentezi, YapıAydınlatılmaları, Biyolojik Aktivite ve MolekülerDoking Çalışmaları, 2019 - 2021

Metrics

Publication: 17

Citation (WoS): 54

Citation (Scopus): 65

H-Index (WoS): 3

H-Index (Scopus): 4

Congress and Symposium Activities

VI. Ulusal Farmasötik Kimya Kongresi, Attendee, İstanbul, Turkey, 2022