

Res. Asst. MEHMET MURAT KİŞLA

Personal Information

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International Researcher IDs

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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, Anticancer Activity, and $In Silico$ Modeling of Alkylsulfonyl Benzimidazole Derivatives: Unveiling Potent Bcl-2 Inhibitors for Breast Cancer**
Abbade Y., KİŞLA 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)
- II. **Incorporation of Protecting Groups in Organic Chemistry: A Mini-Review**
Kışla M. M., Hassan M. A., Osman H. M., Aydin A. S., Sen H. T., Khazei S., Kul P., Kuş C.
CURRENT ORGANIC SYNTHESIS, vol.20, no.5, pp.491-503, 2023 (SCI-Expanded)

- III. Benzimidazoles Against Certain Breast Cancer Drug Targets: A Review
KİŞLA M. M., ALAGÖZ Z.
MINI-REVIEWS IN MEDICINAL CHEMISTRY, vol.22, no.19, pp.2463-2477, 2022 (SCI-Expanded)
- IV. Synthesis, antioxidant activity, molecular docking and ADME studies of novel pyrrole-benzimidazole derivatives
Zengin Karadayi F., Basaran R., Kişi M. M., Eke B., Alagöz Z.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.3, pp.890-921, 2022 (SCI-Expanded)
- V. Design, synthesis, molecular docking and ADME studies of novel indole-thiazolidinedione derivatives and their antineoplastic activity as CDK6 inhibitors
Ates-Alagoz Z., KİŞLA 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)
- VI. Design, synthesis, anticancer activity, molecular docking and ADME studies of novel methylsulfonyl indole-benzimidazoles in comparison with ethylsulfonyl counterparts
Karadayi F. Z., Yaman M., KİŞLA M. M., KONU KARAKAYALI Ö., Ates-Alagoz Z.
NEW JOURNAL OF CHEMISTRY, vol.45, no.20, pp.9010-9019, 2021 (SCI-Expanded)
- VII. Synthesis, Molecular Docking Studies and Antibacterial Activities of Novel Monocationic Indole-benzimidazole Derivatives
Ates-Alagoz Z., KİŞLA M. M., Goker H., Yildiz S.
MEDICINAL CHEMISTRY, vol.17, no.7, pp.699-706, 2021 (SCI-Expanded)
- VIII. Design, synthesis and anticancer/antiestrogenic activities of novel indole- benzimidazoles
Karadayi F. Z., Yaman M., KİŞLA 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 Kullanilan Yazılımların karşılaştırılması
KİŞLA 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., KİŞLA 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
KİŞLA 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

Refereed Congress / Symposium Publications in Proceedings

- 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., KİŞLA 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 AKTİVİTELİRİ VE MOLEKÜLER

DOKİNG ANALİZLERİ

KİŞLA 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. SYHTHESIS, ANTINEOPLASTIC ACTIVITY AND MOLECULAR DOCKING STUDIES OF NOVEL INDOLE-THIAZOLIDINEDIONE DERIVATIVES

KİŞLA 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., KİŞLA 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, Tübün Polimeraz İnhibitorü Olarak Yeni İndol Tiyanolidindion Türevlerinin Sentezi, YapıAydınlatılmaları, Biyolojik Aktivite ve MolekülerDoking Çalışmaları, 2019 - 2021

Metrics

Publication: 16

Citation (WoS): 43

Citation (Scopus): 53

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

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