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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: S-8271-2016

ScopusID: 57193630291

Yoksis Researcher ID: 46835

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasotik Kimya (Dr), Turkey 2011 - 2016

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2006 - 2011

Certificates, Courses and Trainings

Education Management and Planning, Eczacılık Fakültesi Eğiticilerin Eğitimi, Gazi Üniversitesi, 2017

Education Management and Planning, Eğiticilerin Eğitimi (Tıp - Sağlık), Gazi Üniversitesi, 2014

Dissertations

Doctorate, 2-süstitüe benzimidazol türevi ligandları taşıyan platin(II) komplekslerinin sentez ve sitotoksik etkileri üzerinde çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, -, 2016

Research Areas

Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - 2022

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2011 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

1. 2-(Methyl(phenyl)amino)-*N*-(phenyloxyphenyl)acetamide structural motif representing a framework for selective SIRT2 inhibition

Kaya S. G., Eren G., Massarotti A., Bakar-Ates F., Ozkan E., Gozelle M., Ozkan Y.

DRUG DEVELOPMENT RESEARCH, vol.85, no.4, 2024 (SCI-Expanded)

- II. **Enzalutamide-human serum albumin interaction: Electrochemical exploration of complex formation and binding parameters**
Chenguiti F., Bakirhan N. K., GÖZELLE M., Douliche M., Saidat B., Atici E. B., ÖZKAN S. A.
Microchemical Journal, vol.201, 2024 (SCI-Expanded)
- III. ***In silico* approach reveals *N*-(5-phenoxythiophen-2-yl)-2-(arylthio)acetamides as promising selective SIRT2 inhibitors: the case of structural optimization of virtual screening-derived hits**
GÖZELLE M., BAKAR ATEŞ F., Massarotti A., Ozkan E., Gunindi H. B., ÖZKAN Y., EREN G.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- IV. **Hit evaluation results in 5-benzyl-1,3,4-thiadiazole-2-carboxamide based SIRT2-selective inhibitor with improved affinity and selectivity**
Gözelle M., Kaya S. G., Aksel A. B., Özkan E., Bakar Ateş F., Özkan Y., Eren G.
Bioorganic Chemistry, vol.123, pp.105746, 2022 (SCI-Expanded)
- V. **The potential of 4-aryl-6-morpholino-3(2H)-pyridazinone-2-arylpiperazinylacetamide as a new scaffold for SIRT2 inhibition: in silico approach guided by pharmacophore mapping and molecular docking**
ŞÜKÜROĞLU M. K., GÖZELLE M., ÖZKAN Y., EREN G.
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.10, pp.1915-1924, 2021 (SCI-Expanded)
- VI. **Hit-to-lead optimization on aryloxybenzamide derivative virtual screening hit against SIRT**
Yagci S., Gözelle M., Kaya S. G., Özkan Y., Aksel A. B., Bakar-Ates F., Dündar Y., Eren G.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.30, 2021 (SCI-Expanded)
- VII. **Pharmacophore modeling and virtual screening studies to identify novel selective SIRT2 inhibitors**
Eren G., Bruno A., Guntekin-Ergun S., Atalay R., Ozgencil F., Özkan Y., Gözelle M., Kaya S. G., Costantino G.
JOURNAL OF MOLECULAR GRAPHICS & MODELLING, vol.89, pp.60-73, 2019 (SCI-Expanded)
- VIII. **Studies on the synthesis, characterization, cytotoxic activities and plasmid DNA binding of platinum(II) complexes having 2-substituted benzimidazole ligands**
Gözelle M., Kılıç Süloğlu A., Selmanoğlu G., Ramazanoglu N., Açık L., Gumus F.
POLYHEDRON, vol.161, pp.298-308, 2019 (SCI-Expanded)
- IX. **Structure-based exploration and pharmacological evaluation of N-substituted piperidin-4-yl-methanamine CXCR4 chemokine receptor antagonists**
Adlere I., Sun S., Zarca A., Roumen L., Gözelle M., Viciano C. P., Caspar B., Arimont M., Bebelman J. P., Briddon S. J., et al.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.162, pp.631-649, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Linker and tail group modifications on 2-((4-isopropyl-4H-1,2,4-triazol-3-yl)thio)-N-(4-phenoxyphenyl)acetamide to improve SIRT2 inhibitory potency**
GÖZELLE M., ÖZKAN Y., EREN G.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, no.2, pp.317-332, 2024 (Scopus)
- II. **Synthesis of 2-Substitutedbenzimidazolium Tetrachloroplatinate(II) Compounds and Their Cytotoxic Activities on Different Cell Lines**
Gözelle M., Kılıç Süloğlu A.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.47, no.3, pp.281-292, 2022 (Scopus)
- III. **Synthesis, Crystal Structure, Spectroscopic and Density Functional Modelling Studies of The 2-Isopropylbenzimidazolium Tetrachloroplatinate(II) Monohydrate**
Zeyrek C. T., ÜNVER H., GÖZELLE M., Dilek N., Gumus F.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.1, pp.139-159, 2017 (ESCI)

Books & Book Chapters

I. Türk Farmakopesi

TUNÇBİLEK M., YEŞİLADA A., BALKAN A., TOZKOPARAN B., PALASKA E., ÖZKANLI F., KÜÇÜKGÜZEL İ., GÖKHAN KELEKÇİ N., ŞİMŞEK R., SARAÇ TARHAN S., et al.

T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Platinum(II) complexes with 2-/3-/4-(benzimidazol-2-yl)phenol: Synthesis, characterization and in vitro cytotoxic activities**
GÖZELLE M., ŞİMAY DEMİR Y. D.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023
- II. **Ariloksi Benzamit Yapısında Sirtuin İnhibitörü Olabilecek Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları**
YAĞCI S., GÖZELLE M., ÖZKAN Y., BAKAR ATEŞ F., EREN G.
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 26 - 29 August 2022
- III. **Application of pharmacophore-based virtual screening for novel SIRT6 inhibitors**
GÖZELLE M.
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey, 24 - 26 November 2021
- IV. **Discovery of 5-Benzyl-1,3,4-oxadiazole/thiadiazole-2-carboxamides as Potential Leads for Selective SIRT2 Inhibition**
GÖZELLE M., ÖZKAN Y., EREN G.
GPSS-2021, 3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- V. **Design and Synthesis of Aryloxy Benzamide Derivatives with Potential Inhibitory Effect against SIRT2**
YAGCI S., GÖZELLE M., KAYA S. G., EREN G.
EFMC-YMCS, 6th EFMC Young Medicinal Chemist Symposium, 5 - 06 September 2019
- VI. **2-SÜBSTİTÜE BENZİMİDAZOL TÜREVİ LİGANDLARI TAŞIYAN PLATİN(II) KOMPLEKSLERİNİN SENTEZ VE SİTOTOKSİK ETKİLERİ ÜZERİNDE ÇALIŞMALAR**
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., RAMAZANOĞLU N., AÇIK L.
V. Ulusal Farmasötik Kimya Kongresi, Turkey, 28 April - 01 May 2018
- VII. **Synthesis of Platinum(II) Complexes Containing Optically Active Benzimidazole Ligands**
GÖZELLE M., GÜMÜŞ F.
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- VIII. **Synthesis, Cytotoxicity and DNA interactions of Platinum(II) Complexes Having Substituted Benzimidazole Ligands**
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., Ramazanoğlu N., AÇIK L.
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- IX. **Synthesis of Platinum(II) Complexes Having 2-Substituted Benzimidazole Ligands**
GÖZELLE M., GÜMÜŞ F.
17th Hellenic Symposium on Medicinal Chemistry, 1 - 03 June 2017
- X. **HOMOLOGY MODELING OF HUMAN NICOTINAMIDE MONONUCLEOTIDE ADENYLYLTRANSFERASE 2 INSIGHTS INTO ISOENZYME SPECIFIC DIFFERENCES USING MOLECULAR DOCKING SIMULATIONS**
GÖZELLE M., EREN G.
21st EuroQSAR, Verona, Italy, 4 - 08 September 2016
- XI. **SYNTHESIS CRYSTAL STRUCTURE SPECTROSCOPIC AND DENSITY FUNCTIONAL MODELLING STUDIES OF 2 ISOPROPYLBENZIMIDAZOLIUM TETRACHLOROPLATINATE II MONOHYDRATE**

GÖZELLE M., ZEYREK C. T., ÜNVER H., DİLEK N., GÜMÜŞ F.

International Gazi Pharma Symposium Series, 12 - 15 November 2015

Supported Projects

EREN G., ÖZGENCİL F., AKSEL A. B., ÖZKAN Y., GÖZELLE M., BAKAR ATEŞ F., KAYA S. G., ÖZKAN E., Project Supported by Higher Education Institutions, Öncü Bileşik Optimizasyonu ile Yeni Selektif SIRT2 İnhibitörlerinin Geliştirilmesi, 2021 - 2024

Gözelle M., Sağkan R. I., Project Supported by Higher Education Institutions, Heterosiklik Halka Taşıyan Benzimidazol Türevlerinin Platin(II) Komplekslerinin Sentezi ve Sitotoksik Etkileri Üzerine Çalışmalar, 2021 - 2023

Eren G., Gözelle M., Özkan Y., Bakar Ateş F., TÜBİTAK Project, Yeni Selektif SIRT2 İnhibitörlerinin Tasarımı, Sentezi, Biyolojik Aktivitelerinin Tayini ve Yapı-Etki İlişkilerinin İncelenmesi, 2018 - 2022

Gözelle M., Project Supported by Higher Education Institutions, Ultra Saf Su Cihazı Onarımı, 2019 - 2019

Özkan Y., Eren G., Gözelle M., Project Supported by Higher Education Institutions, Sanal Tarama Yöntemi İle Ulaşılan Sirtuin İnhibitörü Olabilecek Bileşiklerin Biyolojik Aktivitelerinin Belirlenmesi, 2017 - 2019

Gümüş F., Gözelle M., Selmanoğlu G., Kılıç Süloğlu A., Project Supported by Higher Education Institutions, 2 Süstitüe Benzimidazol Türevi Ligantları Taşıyan Platin II Komplekslerinin Sentez ve Sitotoksik Etkileri Üzerinde Çalışmalar, 2015 - 2016

Memberships / Tasks in Scientific Organizations

Turkish Pharmaceutical and Medicinal Chemistry Association, Secretary General, 2023 - Continues, Turkey

Turkish Pharmaceutical and Medicinal Chemistry Association, Board Member, 2021 - Continues, Turkey

Scientific Refereeing

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, October 2023

Metrics

Publication: 24

Citation (WoS): 62

Citation (Scopus): 74

H-Index (WoS): 4

H-Index (Scopus): 5

Scholarships

2211-A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2011 - 2016

Non Academic Experience

VU University Amsterdam