

Res. Asst. PhD SELEN GÖZDE KAYA

Personal Information

Office Phone: [+90 312 202 3227](tel:+903122023227)

Email: selenkaya@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/selenkaya>

International Researcher IDs

ORCID: 0000-0003-3749-3008

ScopusID: 57207685896

Yoksis Researcher ID: 314745

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Pharmaceutical Chemistry (PhD), Turkey 2017 - 2023

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2012 - 2017

Certificates, Courses and Trainings

Education Management and Planning, Öğreticilerin Eğitimi Sertifika Programı, Gazi University, 2023

Quality Management, Kalite Eğitimleri, Gazi University, 2022

Dissertations

Doctorate, Ariloksiaril Asetamid Yapısında Sirtuin İnhibitörü Olabilecek Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları, Gazi University, Sağlık Bilimleri Enstitüsü, 2023

Research Areas

Pharmacology and Therapeutics

Academic Titles / Tasks

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Symmetrical 2,7-disubstituted 9H-fluoren-9-one as a novel and promising scaffold for selective targeting of SIRT2**
KAYA S. G., EREN G., Massarotti A., GÜNİNDİ H. B., BAKAR ATEŞ F., Ozkan E.
ARCHIV DER PHARMAZIE, 2024 (SCI-Expanded)
- 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)

III. **Selective inhibition of SIRT2: A disputable therapeutic approach in cancer therapy**

KAYA S. G., EREN G.

BIOORGANIC CHEMISTRY, vol.143, pp.107038-0, 2024 (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. **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)

VI. **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)

Refereed Congress / Symposium Publications in Proceedings

I. **Ariloksiaril Asetamit Yapısında Sirtuin İnhibitörü Olabilecek Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları**

KAYA S. G., ÖZKAN Y., BAKAR ATEŞ F., ÖZKAN E., EREN G.

VII. Ulusal Farmasötik Kimya Kongresi, İzmir, Turkey, 26 - 28 October 2024

II. **In Silico Hit Optimization toward SIRT2 Inhibition: N-aryloxyaryl-2-(arylthio)acetamides**

KAYA S. G., ÖZKAN Y., EREN G.

9th EFMC Young Medicinal Chemists' Symposium (EFMC-YMCS 2022), Nice, France, 8 - 09 September 2022

III. **SIRT2 Inhibitory Activities of N-Aryloxyphenyl-2-(arylthio)acetamide Derivatives**

KAYA S. G., ÖZKAN Y., EREN G.

GPSS-2021, 3rd International Gazi Pharma Symposium Series, Turkey, 8 - 10 September 2021

IV. **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

Supported Projects

Kaya S. G., Eren G., Özkan Y., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Yeni 2,7-Disubstitüe 9H-Fluoren-9-on Türevleri: Tasarımı, Sentezi ve SIRT2 İnhibitör Etkilerinin Araştırılması, 2022 - 2024

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

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

Metrics

Publication: 10

Citation (WoS): 34

Citation (Scopus): 40

H-Index (WoS): 4

H-Index (Scopus): 4