

Asst. Prof. SEVGİ SARIGÜL ÖZBEK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2010 - 2017

Postgraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2008 - 2017

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2003 - 2007

Dissertations

Doctorate, Atroposelective synthesis and reactions of axially chiral thiohydantoins, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, 2017

Research Areas

Chemistry, Analytical Chemistry, Organic Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2018 - Continues

Research Assistant, Bogazici University, Faculty Of Arts And Sciences, Department Of Chemistry, 2011 - 2016

Academic and Administrative Experience

Ölçme - Değerlendirme Alt Komisyonu Başkanı, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2024 - Continues

Uzaktan Eğitim Uygulama ve Araştırma Merkezi Danışma Kurulu üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2023 - Continues

Rectorate Commissioner, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

Rectorate Commissioner, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

Rectorate Commissioner, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2022 - Continues

ASOS Koordinatörü, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2020 - Continues

ÇEP Komisyonu Üyesi , Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2019 - Continues

Ölçme - Değerlendirme Alt Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2019 - 2024

WEB Komsiyonu Başkanı, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, 2018 - 2022

Courses

Undergraduate

Kaynak ve Literatür Değerlendirmesi, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Analitik Kimya I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Analitik Kimya 2, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Analitik Kimya 1, Undergraduate, 2022 - 2023, 2021 - 2022

Temel Kimya 1, Undergraduate, 2022 - 2023

Kaynak ve Literatür Değerlendirmesi, Undergraduate, 2021 - 2022

Kiral İlaçlar, Undergraduate, 2021 - 2022

Jury Memberships

Post Graduate, Post Graduate, Yeditepe Üniversitesi, January, 2025

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Teknik Üniversitesi, January, 2025

Doctorate, Doctorate, Altınbaş Üniversitesi, January, 2025

Doctoral Examination, Doctoral Examination, Altınbaş Üniversitesi, August, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Enantiodifferentiation of Thiohydantoin Derivatives by NMR in the Presence of Chiral Solvating Agent: (1*R*,2*S*)-Ephedrine and Chiral Symmetrical and Unsymmetrical Thioureas**
SARIGÜL ÖZBEK S., Tuncel S. T., Gunal S. E., Dogan I.
CHIRALITY, vol.37, no.2, 2025 (SCI-Expanded)
- II. **Synthesis and growth of solution-processed chiral perovskites**
Driessen S., SARIGÜL ÖZBEK S., Sutter-Fella C. M., Tao S.
JPhys Energy, vol.6, no.4, 2024 (SCI-Expanded)
- III. **Facile preparation of a conjugated polymer-based biosensor for glucose monitoring**
BULUT U., Cevher S. C., Sayin V. O., Ozbek S., Altin N., ÇIRPAN A., Soylemez S.
ELECTROANALYSIS, vol.36, no.7, 2024 (SCI-Expanded)
- IV. **Aldol Reactions of Conformationally Stable Axially Chiral Thiohydantoin Derivatives**
Ozbek S., Erdik M. B., Dogan I.
ACS OMEGA, vol.6, no.42, pp.27823-27832, 2021 (SCI-Expanded)
- V. **Axially chiral hemiaminals from nonracemic alpha-amino acid derivatives (thiohydantoins): Synthesis and isomer identification**
SARIGÜL ÖZBEK S., Dogan I.
CHIRALITY, vol.32, no.11, pp.1299-1310, 2020 (SCI-Expanded)
- VI. **Elucidation of the atroposelectivity in the synthesis of axially chiral thiohydantoin derivatives**

Haslak Z. P., Cinar S. A., Sarigul S., Monard G., Dogan I., Aviyente V.

ORGANIC & BIOMOLECULAR CHEMISTRY, vol.18, no.12, pp.2233-2241, 2020 (SCI-Expanded)

VII. **Absolute configuration and biological profile of pyrazoline enantiomers as MAO inhibitory activity**

Goksen U. S., Sarigul S., Bultinck P., Herrebout W., Dogan I., Yelekci K., UÇAR G., Kelekci N. G.

CHIRALITY, vol.31, no.1, pp.21-33, 2019 (SCI-Expanded)

VIII. **Atroposelective Synthesis of Axially Chiral Thiohydantoin Derivatives**

Sarigul S., Dogan I.

JOURNAL OF ORGANIC CHEMISTRY, vol.81, no.14, pp.5895-5902, 2016 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

I. **STEREOISOMERIC ASSIGNMENTS TO HEMIAMINALS OF HETEROCYCLIC COMPOUNDS**

DOĞAN H. İ., SARIGÜL S., TEKE TUNÇEL Ş.

4th International Conference on New Trends in Chemistry, St Peresburg, Russia, 11 - 13 May 2018

II. **Axially Chiral Hemiaminals from α -Amino Acid Derivatives (Thiohydantoins): Nonracemic Synthesis and Stereodynamics**

DOĞAN H. İ., SARIGÜL S.

26th International Symposium of Heterocyclic Chemistry ISHC Congress, 3 - 08 September 2017

III. **Determination of barriers to rotation of atropisomeric thiohydantoin derivatives**

SARIGÜL S., DOĞAN H. İ.

18th Tetrahedron Symposium, 27 - 30 June 2017

Supported Projects

Sarigül Özbek S., Kanlıdere Z., Coşkun G. P., Gök Ö., Sayın V. Ö., TUBITAK Project, Aromataz enzimi üzerinde potansiyel inhibisyon özelliği gösterebilecek yeni ilaç aday molekülleri ve bunların peptid hibritlerinin sentezi, karakterizasyonu ve antikanser aktivitelerinin in-siliko ve in-vitro incelenmesi, 2021 - 2025

Sarigül Özbek S., Project Supported by Higher Education Institutions, İmidazolidin2tiyon türevlerinin sentezi karakterizasyonu ve HPLC analizleri, 2024 - 2024

Demirbolat G. M., Sarigül Özbek S., Project Supported by Higher Education Institutions, UV Spektroskopi ile Tamoksifenin Ham Madde Tayin Yönteminin Geliştirilmesi ve Farmasötik Preperatlara Uygulanması, 2023 - 2024

Sarigül Özbek S., Kanlıdere Z., TUBITAK Project, Preparation of biocatalysis from chemically modified oligonucleotides and their application in enantioselective carbohydrate synthesis, 2020 - 2023

Peer Reviews in Scientific Publications

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, December 2024

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, July 2024

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, December 2022

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, June 2022

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, December 2021

Scientific Project Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, January 2025

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, December 2023

Scientific Consultations

Tübitak, Project Consultancy, Acibadem Mehmet Ali Aydınlar University, Faculty Of Pharmacy, Basic Pharmaceutical Sciences, Turkey, 2024 - Continues

Metrics

Publication: 12

Citation (WoS): 41

Citation (Scopus): 43

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

35. Ulusal Kimya Kongresi, Attendee, Diyarbakır, Turkey, 2024

12th Drug Chemistry Congress, Attendee, Antalya, Turkey, 2024

4th Anatolian Conference on Organic Chemistry (ACOC4), Attendee, Antalya, Turkey, 2024

15. Ulusal Kimya Mühendisliği Kongresi, Audience, Çanakkale, Turkey, 2023

19th Asian Chemical Congress, Attendee, İstanbul, Turkey, 2023

19th Asian Chemical Congress, Attendee, İstanbul, Turkey, 2023