

Asst. Prof. SEVGİ SARIGÜL ÖZBEK

Personal Information

Email: sevgi.sarigul@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/sevgi.sarigul>

Address: sevgi.sarigul@acibadem.edu.tr

International Researcher IDs

ORCID: 0000-0002-0676-2415

Yoksis Researcher ID: 153993

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

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 - Continues

Courses

Kaynak ve Literatür Değerlendirmesi, Undergraduate, 2021 - 2022

Kiral İlaçlar, Undergraduate, 2021 - 2022

Analitik Kimya 2, Undergraduate, 2021 - 2022

Analitik Kimya 1, Undergraduate, 2020 - 2021

Temel Kimya 1, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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)
- II. **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)
- III. **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)
- IV. **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)
- V. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **STEREISOMERIC 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., Kanlıdere Z., TUBITAK Project, Preparation of biocatalysis from chemically modified oligonucleotides and their application in enantioselective carbohydrate synthesis, 2020 - 2023

Metrics

Publication: 8

Citation (WoS): 22

Citation (Scopus): 23

H-Index (WoS): 2

H-Index (Scopus): 2