

Assoc. Prof. SUAT SARI

Personal Information

Office Phone: [+90 312 305 1872](tel:+903123051872) Extension: 131

Email: suat.sari@hacettepe.edu.tr

Other Email: suat1039@gmail.com

Web: <https://avesis.hacettepe.edu.tr/suat.sari>

Address: Hacettepe Üniversitesi Eczacılık Fakültesi Farmasötik Kimya AD 06100 Sıhhiye Ankara

International Researcher IDs

ScholarID: XmpOnmIAAAAJ

ORCID: 0000-0002-8248-4218

Publons / Web Of Science ResearcherID: A-5249-2017

ScopusID: 56779707700

Yoksis Researcher ID: 195285

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya A.B.D., Turkey 2012 - 2018

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI), Turkey 2007 - 2012

Undergraduate, Istanbul University, Faculty Of Pharmacy , Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Eğitimcilerin Eğitimi Programı, Hacettepe Üniversitesi Yaşam Boyu Öğrenme Merkezi, 2014

Health&Medicine, Deney Hayvanı Kullanım Sertifikası, Hacettepe Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu, 2014

Dissertations

Doctorate, (Arilalkil)azol yapısında yeni oksim ester türevleri üzerinde çalışmalar: Sentez, biyolojik aktivite ve moleküler modelleme, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya A.B.D., 2018

Postgraduate, Yeni (Arilalkil) triazol türevi oksim esterlerin sentezleri, antikonvülsan ve antimikrobiyal aktiviteleri, Inonu University, Acil Tıp A.B.D. (ing.), Anatomi A.B.D. (Türkçe), 2012

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2020 - Continues
Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **New Ester-Containing Azole Derivatives With Potent Anti-*Candida* Effects: Synthesis, Antifungal Susceptibility, Cytotoxicity, and Molecular Modeling Studies**
Ataker Y., Oncue O., GÜLMEZ KIVANÇ D., SABUNCUOĞLU S., ARIKAN AKDAĞLI S., SARI S.
DRUG DEVELOPMENT RESEARCH, vol.85, no.7, 2024 (SCI-Expanded)
- II. **Potent Antimicrobial Azoles: Synthesis, In Vitro and In Silico Study**
ÖZDEMİR Z., ZENNİ Y. N., Karakurt A., SARI S., Sarac S., Akdag M., BOZBEY MERDE İ., KART D., Venanzoni R., Flores G. A., et al.
ANTIBIOTICS-BASEL, vol.13, no.11, 2024 (SCI-Expanded)
- III. **Alpha-Glucosidase Inhibitory Effects of Flavonoids, Phenolic Acids and Iridoids Isolated From *Vinca Soneri*: In Vitro and In Silico Perspectives**
Uyanir E., Soral M., SEYHAN G., AKKAYA D., BARUT B., SARI S., DUMAN H., RENDA G., ŞÖHRETOĞLU D.
CHEMISTRY & BIODIVERSITY, no.10, 2024 (SCI-Expanded)
- IV. **Histone deacetylase inhibitory properties of metabolites from leaves of *Quercus pontica* K. Koch and its metabolites**
RENDA G., Sevgi S., Soral M., BORA AKOĞLU G., SARI S., Cetin O., Zobaroglu-Ozer P., ŞÖHRETOĞLU D.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH, 2024 (SCI-Expanded)
- V. **Galactokinase-like protein from *Leishmania donovani*: Biochemical and structural characterization of a recombinant protein**
Baber H., Aghajani A., Gallimore B. H., Bethel C., Hyatt J. G., King E. F., Price H. P., Maciej-Hulme M. L., SARI S., Winter A.
Biochimie, vol.223, pp.31-40, 2024 (SCI-Expanded)
- VI. **Effective α -glycosidase inhibitors based on polyphenolic benzothiazole heterocycles**
Sevimli E., SEYHAN G., AKKAYA D., SARI S., BARUT B., Köksoy B.
Bioorganic Chemistry, vol.147, 2024 (SCI-Expanded)
- VII. **In vitro and in silico investigation of FDA-approved drugs to be repurposed against Alzheimer's disease**
AKKAYA D., SEYHAN G., SARI S., BARUT B.
Drug Development Research, vol.85, no.3, 2024 (SCI-Expanded)
- VIII. **Azoles display promising anticonvulsant effects through possible PPAR- α activation**
SARI S., Yurtoğlu S., ZENGİN M., Marcinkowska M., Siwek A., Saraç S.
Neuroscience Letters, vol.828, 2024 (SCI-Expanded)
- IX. **A transcriptomics-based drug repositioning approach to identify drugs with similar activities for the treatment of muscle pathologies in spinal muscular atrophy (SMA) models**
Hoolachan J. M., McCallion E., Sutton E. R., Çetin Ö., Pacheco-Torres P., Dimitriadi M., SARI S., Miller G. J., Okoh M., Walter L. M., et al.
Human Molecular Genetics, vol.33, no.5, pp.400-425, 2024 (SCI-Expanded)
- X. **Discovery of novel IDO1/TDO2 dual inhibitors: a consensus Virtual screening approach with molecular dynamics simulations, and binding free energy analysis**
Hanif N., SARI S.
Journal of Biomolecular Structure and Dynamics, 2024 (SCI-Expanded)
- XI. **Myrtenyl-bispidine containing azole: synthesis and antifungal activity**
Li-Zhulanov N. S., Ponomarev K. Y., Sarı S., Gülmez Kivanç D., Arıkan Akdağlı S., Krasnov V. I., Suslov E. V., Volcho K. P., Salakhutdinov N. F.
Mendeleev Communications, vol.34, no.1, pp.119-121, 2024 (SCI-Expanded)

- XII. **Synthesis and biological evaluation of novel zinc (II) and nickel (II) phthalocyanines as cholinesterase inhibitors**
AKKAYA D., BARUT B., SARI S., REIS R., Fazli H., BIYIKLIOĞLU Z., ÖZEL A.
Journal of Organometallic Chemistry, vol.995, 2023 (SCI-Expanded)
- XIII. **Azole derivatives inhibit wildtype butyrylcholinesterase and its common mutants**
SARI S., ÖNDER S., AKKAYA D., SABUNCUOĞLU S., ZENGİN M., BARUT B., KARAKURT A.
Drug Development Research, vol.84, no.5, pp.1018-1028, 2023 (SCI-Expanded)
- XIV. **Design, Synthesis, and Molecular Modeling of New and Safe Azole Oxime Esters with Promising Antifungal Activity**
Yurtoğlu S., SARI S., KART D., SABUNCUOĞLU S., Saraç S.
ChemistrySelect, vol.8, no.18, 2023 (SCI-Expanded)
- XV. **Rational Design of New Monoterpene-Containing Azoles and Their Antifungal Activity**
Li-Zhulanov N. S., Zaikova N. P., Sarı S., Gülmez Kivanç D., Sabuncuoğlu S., Özadalı Sarı K., Arıkan Akdağlı S., Nefedov A. A., Rybalova T. V., Volcho K. P., et al.
Antibiotics, vol.12, no.5, 2023 (SCI-Expanded)
- XVI. **The inhibitory effect of escitalopram on mouse detrusor contractility: The role of L-type calcium channels**
ENGİN S., BARUT E. N., Erac Y., SARI S., DUMAN M.
Toxicology and Applied Pharmacology, vol.461, 2023 (SCI-Expanded)
- XVII. **Molecular and Computational Analysis Identify Statins as Selective Inhibitors of Human Butyrylcholinesterase**
Atay M. S., SARI S., BODUR E.
Protein Journal, vol.42, 2023 (SCI-Expanded)
- XVIII. **Design, Synthesis, and Biological Evaluation of Some Benzothiazolone Derivatives as Cholinesterase Inhibitors**
ALAGÖZ M. A., AKKAYA D., ARSLAN G., Uludağ B., ÖZDEMİR Z., BARUT B., Önkol T., SARI S.
ChemistrySelect, vol.7, no.46, 2022 (SCI-Expanded)
- XIX. **Bioactive Saponins of Primula vulgaris Huds. Promote Wound Healing through Inhibition of Collagenase and Elastase Enzymes: in Vivo, in Vitro and in Silico Evaluations**
KAHRAMAN Ç., SARI S., AKKOL E., ÇANKAYA İ. İ.
CHEMISTRY & BIODIVERSITY, vol.19, 2022 (SCI-Expanded)
- XX. **In Vitro and in Silico Investigation of DNA Interaction, Topoisomerase I and II Inhibitory Properties of Polydatin**
ŞÖHRETOĞLU D., BARUT B., SARI S., ÖZEL A., Kuruuzum-Uz A., Arroo R.
CHEMISTRY & BIODIVERSITY, vol.19, no.10, 2022 (SCI-Expanded)
- XXI. **In Vitro Cytotoxicity of Methano[1,2,4]Triazolo-[1,5-C][1,3,5]Benzoxadiazocine Derivatives and Their Effects on Nitrite and Prostaglandin E2 (PGE2) Levels**
DOĞAN İ. S., GÜMÜŞ M. K., Gorobets N. Y., Reis R., Orak D., SİPAHİ H., SARI S., Chebanov V. A.
PHARMACEUTICAL CHEMISTRY JOURNAL, vol.56, no.6, pp.769-776, 2022 (SCI-Expanded)
- XXII. **Inhibition of Cholinesterases by Benzothiazolone Derivatives**
ALAGÖZ M. A., Kim S., Oh J. M., ARSLAN G., ÖZDEMİR Z., SARI S., ÖZÇELİK A. B., ÖNKOL T., Trisciuzzi D., Nicolotti O., et al.
PROCESSES, vol.10, no.9, 2022 (SCI-Expanded)
- XXIII. **Anti-inflammatory and Antinociceptive Potential of Verbascum latisepalum**
KAHRAMAN Ç., SARI S., AKKOL E., AKDEMİR Z. Ş., ÇANKAYA İ. İ.
REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY, vol.32, no.4, pp.537-543, 2022 (SCI-Expanded)
- XXIV. **Antifungal Azole Derivatives Featuring Naphthalene Prove Potent and Competitive Cholinesterase Inhibitors with Potential CNS Penetration According to the in Vitro and in Silico Studies**
SARI S., AKKAYA D., ZENGİN M., SABUNCUOĞLU S., ÖZDEMİR Z., ALAGÖZ M. A., KARAKURT A., BARUT B.
CHEMISTRY & BIODIVERSITY, vol.19, no.7, 2022 (SCI-Expanded)

- XXV. **Synthesis, Molecular Modelling and In Vitro Anti-inflammatory Activity of Novel 1,2,4-Triazolo[4,3-a]quinoxaline Derivatives**
DOĞAN İ. S., KAHVECİ B., SARI S., Kolci K., Reis R., SİPAHİ H.
CHEMISTRYSELECT, vol.7, no.26, 2022 (SCI-Expanded)
- XXVI. **Rutin increases alpha-tubulin acetylation via histone deacetylase 6 inhibition**
Cetin O., SARI S., Erdem-Yurter H., BORA G.
DRUG DEVELOPMENT RESEARCH, vol.83, no.4, pp.993-1002, 2022 (SCI-Expanded)
- XXVII. **Multiple biological effects of secondary metabolites of Ziziphus jujuba: isolation and mechanistic insights through in vitro and in silico studies**
ŞÖHRETOĞLU D., Bakir S. D., BARUT B., Soral M., SARI S.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.248, pp.1059-1067, 2022 (SCI-Expanded)
- XXVIII. **Potential of nafimidone derivatives against co-morbidities of epilepsy: In vitro, in vivo, and in silico investigations**
SARI S., BARUT B., Marcinkowska M., SABUNCUOĞLU S., AVCI A., KOÇAK ASLAN E., ÖZEL A., Siwek A.
DRUG DEVELOPMENT RESEARCH, vol.83, no.1, pp.184-193, 2022 (SCI-Expanded)
- XXIX. **Inhibitory Action of Omega-3 and Omega-6 Fatty Acids Alpha-Linolenic, Arachidonic and Linoleic acid on Human Erythrocyte Acetylcholinesterase**
Akay M. B., Şener K., Sarı S., Bodur E.
Protein Journal, vol.42, 2022 (SCI-Expanded)
- XXX. **Azoles containing naphthalene with activity against Gram-positive bacteria: in vitro studies and in silico predictions for flavohemoglobin inhibition**
SARI S., SABUNCUOĞLU S., KOÇAK ASLAN E., AVCI A., KART D., ÖZDEMİR Z., Acar M. F., Sayoglu B., ALAGÖZ M. A., KARAKURT A., et al.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.20, pp.10220-10229, 2022 (SCI-Expanded)
- XXXI. **Flavonoids as tyrosinase inhibitors in in silico and in vitro models: basic framework of SAR using a statistical modelling approach**
Jakimiuk K., SARI S., Milewski R., Supuran C. T., ŞÖHRETOĞLU D., Tomczyk M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.37, no.1, pp.421-430, 2022 (SCI-Expanded)
- XXXII. **Alpha-glucosidase and tyrosinase inhibitor of polyphenols isolated from Potentilla speciosa var. speciosa: In vitro and in silico perspectives**
Özgünseven A., BARUT B., Soral M., SARI S., AKAYDIN G., ÖZEL A., ŞÖHRETOĞLU D.
Industrial Crops and Products, vol.170, 2021 (SCI-Expanded)
- XXXIII. **Azole antifungal compounds could have dual cholinesterase inhibitory potential according to virtual screening, enzyme kinetics, and toxicity studies of an inhouse library**
BARUT B., SARI S., SABUNCUOĞLU S., ÖZEL A.
Journal of Molecular Structure, vol.1235, 2021 (SCI-Expanded)
- XXXIV. **Discovery of potent alpha-glucosidase inhibitors through structure-based virtual screening of an in-house azole collection**
SARI S., Barut B., ÖZEL A., Sarac S.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.97, no.3, pp.701-710, 2021 (SCI-Expanded)
- XXXV. **Inhibition of cholinesterases by safranin O: Integration of inhibition kinetics with molecular docking simulations**
ÖNDER S., SARI S., TACAL Ö.
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.698, 2021 (SCI-Expanded)
- XXXVI. **Azole derivatives with naphthalene showing potent antifungal effects against planktonic and biofilm forms of Candida spp.: an in vitro and in silico study**
SARI S., Kocak E., KART D., ÖZDEMİR Z., ACAR M., Sayoglu B., KARAKURT A., DALKARA S.
INTERNATIONAL MICROBIOLOGY, vol.24, no.1, pp.93-102, 2021 (SCI-Expanded)
- XXXVII. **Antibacterial azole derivatives: Antibacterial activity, cytotoxicity, and in silico mechanistic studies**
SARI S., AVCI A., Kocak E., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., BOZBEY İ., KARAKURT A., Sarac S., et al.

- DRUG DEVELOPMENT RESEARCH, vol.81, no.8, pp.1026-1036, 2020 (SCI-Expanded)
- XXXVIII. **In vitro and in silico assessment of DNA interaction, topoisomerase I and II inhibition properties of chrysofenetin**
Şöhretoğlu D., Barut B., Sari S., Özel A., Arroo R.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.163, pp.1053-1059, 2020 (SCI-Expanded)
- XXXIX. **Flavonoids as alpha-glucosidase inhibitors: mechanistic approaches merged with enzyme kinetics and molecular modelling**
ŞÖHRETOĞLU D., SARI S.
PHYTOCHEMISTRY REVIEWS, vol.19, no.5, pp.1081-1092, 2020 (SCI-Expanded)
- XL. **Flavones as tyrosinase inhibitors: kinetic studies in vitro and in silico**
Arroo R. R. J., SARI S., Barut B., ÖZEL A., Ruparelia K. C., ŞÖHRETOĞLU D.
PHYTOCHEMICAL ANALYSIS, vol.31, no.3, pp.314-321, 2020 (SCI-Expanded)
- XLI. **p-Trifluoroacetophenone Oxime Ester Derivatives: Synthesis, Antimicrobial and Cytotoxic Evaluation, and Molecular Modeling Studies**
Bozbey I., Sarı S., Şalva E., Kart D., Karakurt A.
Letters In Drug Design & Discovery, vol.17, no.2, pp.169-183, 2020 (SCI-Expanded)
- XLII. **Synthesis, DNA interaction, in vitro/in silico topoisomerase II inhibition and photodynamic therapy activities of two cationic BODIPY derivatives**
BARUT B., ÇOBAN Ö., YALÇIN C. Ö., Baş H., SARI S., BIYIKLIOĞLU Z., DEMİRBAŞ Ü., ÖZEL A.
Dyes and Pigments, vol.174, 2020 (SCI-Expanded)
- XLIII. **Novel water soluble BODIPY compounds: Synthesis, photochemical, DNA interaction, topoisomerases inhibition and photodynamic activity properties**
BARUT B., YALÇIN C. Ö., SARI S., ÇOBAN Ö., Keleş T., BIYIKLIOĞLU Z., Abudayyak M., DEMİRBAŞ Ü., ÖZEL A.
European Journal of Medicinal Chemistry, vol.183, 2019 (SCI-Expanded)
- XLIV. **A new series of pyridazinone derivatives as cholinesterases inhibitors: Synthesis, in vitro activity and molecular modeling studies**
Ozcelik A. B., ÖZDEMİR Z., SARI S., Utku S., Uysal M.
PHARMACOLOGICAL REPORTS, vol.71, no.6, pp.1253-1263, 2019 (SCI-Expanded)
- XLV. **Discovery and Characterisation of Dual Inhibitors of Tryptophan 2,3-Dioxygenase (TDO2) and Indoleamine 2,3-Dioxygenase 1 (IDO1) Using Virtual Screening.**
Sari S., Tomek P., Leung E., Reynisson J.
Molecules (Basel, Switzerland), vol.24, 2019 (SCI-Expanded)
- XLVI. **Tyrosinase inhibitory effects of Vinca major and its secondary metabolites: Enzyme kinetics and in silico inhibition model of the metabolites validated by pharmacophore modelling**
SARI S., BARUT B., ÖZEL A., ŞÖHRETOĞLU D.
BIOORGANIC CHEMISTRY, vol.92, 2019 (SCI-Expanded)
- XLVII. **Discovery of new azoles with potent activity against Candida spp. and Candida albicans biofilms through virtual screening**
SARI S., KART D., Ozturk N., KAYNAK F. B., Gencil M., Taskor G., KARAKURT A., Sarac S., Essiz S., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.179, pp.634-648, 2019 (SCI-Expanded)
- XLVIII. **Antifungal screening and in silico mechanistic studies of an in-house azole library**
SARI S., KART D., SABUNCUOĞLU S., DOĞAN İ. S., ÖZDEMİR Z., Bozbey I., Gencil M., Essiz S., Reynisson J., KARAKURT A., et al.
CHEMICAL BIOLOGY & DRUG DESIGN, vol.94, pp.1944-1955, 2019 (SCI-Expanded)
- XLIX. **Synthesis, in vivo anticonvulsant testing, and molecular modeling studies of new nafimidone derivatives**
ACAR M., SARI S., DALKARA S.
DRUG DEVELOPMENT RESEARCH, vol.80, no.5, pp.606-616, 2019 (SCI-Expanded)
- L. **Synthesis and cytotoxicity studies on new pyrazole-containing oxime ester derivatives**
KARAKURT A., Bozbey I., USLU H., SARI S., ÖZDEMİR Z., ŞALVA E.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, vol.18, no.6, pp.1315-1322, 2019 (SCI-Expanded)

- LI. **Tyrosinase and α -glucosidase inhibitory potential of compounds isolated from *Quercus coccifera* bark: In vitro and in silico perspectives**
SARI S., BARUT B., ÖZEL A., Kuruüzüm-Uz A., ŞÖHRETOĞLU D.
Bioorganic Chemistry, vol.86, pp.296-304, 2019 (SCI-Expanded)
- LII. **Synthesis, anticonvulsant screening, and molecular modeling studies of new arylalkylimidazole oxime ether derivatives**
ÖZDEMİR Z., SARI S., KARAKURT A., DALKARA S.
Drug Development Research, vol.80, no.2, pp.269-280, 2019 (SCI-Expanded)
- LIII. **α -Glucosidase inhibitory effects of polyphenols from *Geranium asphodeloides*: Inhibition kinetics and mechanistic insights through in vitro and in silico studies**
RENDA G., SARI S., BARUT B., ŞORAL M., LIPTAJ T., KORKMAZ B., ÖZEL A., ERİK İ., ŞÖHRETOĞLU D.
Bioorganic Chemistry, vol.81, pp.545-552, 2018 (SCI-Expanded)
- LIV. **Tyrosinase inhibition by some flavonoids: Inhibitory activity, mechanism by in vitro and in silico studies**
ŞÖHRETOĞLU D., SARI S., BARUT B., ÖZEL A.
Bioorganic Chemistry, vol.81, pp.168-174, 2018 (SCI-Expanded)
- LV. **Synthesis and anticonvulsant screening of 1,2,4-triazole derivatives**
SARI S., KAYNAK F. B., DALKARA S.
Pharmacological Reports, vol.70, no.6, pp.1116-1123, 2018 (SCI-Expanded)
- LVI. **Tyrosinase inhibition by a rare neolignan: Inhibition kinetics and mechanistic insights through in vitro and in silico studies**
ŞÖHRETOĞLU D., SARI S., BARUT B., ÖZEL A.
Computational Biology and Chemistry, vol.76, pp.61-66, 2018 (SCI-Expanded)
- LVII. **Discovery of potent alpha-glucosidase inhibitor flavonols: Insights into mechanism of action through inhibition kinetics and docking simulations**
ŞÖHRETOĞLU D., SARI S., BARUT B., ÖZEL A.
BIOORGANIC CHEMISTRY, vol.79, pp.257-264, 2018 (SCI-Expanded)
- LVIII. **Synthesis, anticonvulsant activity, and molecular modeling studies of novel 1-phenyl/1-(4-chlorophenyl)-2-(1H-triazol-1-yl)ethanol ester derivatives**
DOĞAN İ. S., ÖZDEMİR Z., SARI S., Bozbey İ., KARAKURT A., Saraç S.
Medicinal Chemistry Research, vol.27, no.9, pp.2171-2186, 2018 (SCI-Expanded)
- LIX. **Potential of *Potentilla inclinata* and its polyphenolic compounds in α -glucosidase inhibition: Kinetics and interaction mechanism merged with docking simulations**
ŞÖHRETOĞLU D., SARI S., ŞORAL M., BARUT B., ÖZEL A., LIPTAJ T.
International Journal of Biological Macromolecules, vol.108, pp.81-87, 2018 (SCI-Expanded)
- LX. **GPCR Modulation of Thieno[2,3-b]pyridine Anti-Proliferative Agents**
Zafar A., SARI S., Leung E., Pilkington L. I., Van Rensburg M., Barker D., Reynisson J.
MOLECULES, vol.22, no.12, 2017 (SCI-Expanded)
- LXI. **alpha-Glucosidase inhibitory effect of *Potentilla astracana* and some isoflavones: Inhibition kinetics and mechanistic insights through in vitro and in silico studies**
ŞÖHRETOĞLU D., SARI S., ÖZEL A., BARUT B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.105, pp.1062-1070, 2017 (SCI-Expanded)
- LXII. **Design, synthesis, and molecular modeling of new 3(2H)-pyridazinone derivatives as acetylcholinesterase/butyrylcholinesterase inhibitors**
ÖZDEMİR Z., Yılmaz H., SARI S., KARAKURT A., Şenol F. S., Uysal M.
Medicinal Chemistry Research, vol.26, no.10, pp.2293-2308, 2017 (SCI-Expanded)
- LXIII. **New Anti-Seizure (Arylalkyl)azole Derivatives: Synthesis, In Vivo and In Silico Studies**
SARI S., DALKARA S., KAYNAK F. B., REYNISSON J., Sarac S., KARAKURT A.
ARCHIV DER PHARMAZIE, vol.350, no.6, 2017 (SCI-Expanded)
- LXIV. **New azole derivatives showing antimicrobial effects and their mechanism of antifungal activity by molecular modeling studies**

DOGAN I. S., SARAC S., SARI S., KART D., Gokhan S. E., VURAL İ., DALKARA S.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.130, pp.124-138, 2017 (SCI-Expanded)

- LXV. **New (arylalkyl)azole derivatives showing anticonvulsant effects could have VGSC and/or GABA(A)R affinity according to molecular modeling studies**

SARI S., KARAKURT A., USLU H., KAYNAK F. B., Calis U., DALKARA S.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.124, pp.407-416, 2016 (SCI-Expanded)

- LXVI. **Coumarin or benzoxazinone based novel carbonic anhydrase inhibitors: synthesis, molecular docking and anticonvulsant studies**

Karataş M. O., Uslu H., SARI S., Alagöz M. A., Karakurt A., Alıcı B., Bilen Ç., Yavuz E., Gencer N., Arslan O.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.5, pp.760-772, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Advances in the natural α -glucosidase inhibitors**

ŞÖHRETOĞLU D., RENDA G., Arroo R., Xiao J., SARI S.

eFood, vol.4, no.5, 2023 (Scopus)

- II. **Virtual screening, identification and in vitro validation of small molecule GDP-mannose dehydrogenase inhibitors**

Dolan J. P., Ahmadipour S., Wahart A. J. C., Cheallaigh A. N., SARI S., Eurtivong C., Lima M. A., Skidmore M. A., Volcho K. P., Reynisson J., et al.

RSC Chemical Biology, vol.4, no.11, pp.865-870, 2023 (ESCI)

- III. **A hybrid ligand and structure-based virtual screening of NCI compound library identifies potential SAPT1 inhibitors**

SARI S., Valand N., Girija U. V.

JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.3, pp.617-624, 2022 (ESCI)

- IV. **In silico Repurposing of Drugs for pan-HDAC and pan-SIRT Inhibitors: Consensus Structure-based Virtual Screening and Pharmacophore Modeling Investigations**

SARI S., AVCI A., Aslan E.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.18, no.6, pp.730-737, 2021 (ESCI)

- V. **Class I histone deacetylase inhibition by aryl butenoic acid derivatives: In silico and in vitro studies**

BORA G., SARI S., Taskor G., DALKARA S., Erdem-Yurter H.

JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.5, pp.952-959, 2019 (ESCI)

Books & Book Chapters

- I. **Chapter 7 - Flavonoids as Inducers of Apoptosis and Autophagy in Breast Cancer**

Şöhretoğlu D., Sarı S.

in: Discovery and Development of Anti-Breast Cancer Agents from Natural Products, Goutam Brahmachari, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.147-196, 2021

- II. **Flavonoids as Inducers of Apoptosis and Autophagy in Breast Cancer**

ŞÖHRETOĞLU D., Arroo R., SARI S., Huang S.

in: Discovery and Development of Anti-Breast Cancer Agents from Natural Products, Brahmachari Goutam, Editor, Elsevier, pp.147-196, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Hepatosellüler kanserde YAP proteini hedefli yeni bileşiklerin belirlenmesi**

GÜNTEKİN ERGÜN S., SARI S., AVCI A., DİNÇER P. R.

17. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, 28 - 31 October 2021

- II. **Tyrosinase inhibition by a Rare Neolignan: An in vitro and in silico study**
ŞÖHRETOĞLU D., SARI S., BARUT B., ÖZEL A.
Internation Symposium on Medicinal Chemistry, 6 - 10 September 2018
- III. **Discovery of potent α -glucosidase inhibitor flavonols: Insights into mechanism of action through inhibition kinetics and docking simulations**
ŞÖHRETOĞLU D., SARI S., BARUT B., ÖZEL A.
advances in Phytochemical Analysis (Trends in Natural Products Research), 2 - 05 July 2018
- IV. **Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Süreci Açısından 2016 ve 2017 Yılı Değerlendirmesi**
ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F., ARITULUK Z. C., SARI S., GENÇ Y., et al.
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018
- V. **Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Sonrasında Standartları Karşılama Açısından Son Üç Yıldaki Mevcut Durumu**
ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F., ARITULUK Z. C., SARI S., GENÇ Y., et al.
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018
- VI. **Discovery of New Azole Antifungals with Potent Activity against Clinically Resistant Candida tropicalis Isolate and Biofilm Formation**
SARI S., KART D., SARAÇ TARHAN S., KARAKURT A., EŞSİZ GÖKHAN Ş., DALKARA S.
5th International BAU Drug Design Congress, İstanbul, Turkey, 19 - 21 October 2017
- VII. **New Azoles in Oxime Ester Structure: Antifungal Susceptibility, Anti-Biofilm Activity, and Molecular Modeling Studies**
SARI S., KART D., SARAÇ TARHAN S., KARAKURT A., DALKARA S.
3rd International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017
- VIII. **Studies on New 1-Phenyl-2-(1H-imidazol-1-yl)ethanone Oxime Esters as Potential Antifungal Compounds**
AKANSEL S., SARI S., SARAÇ TARHAN S., KART D., KARAKURT A., DALKARA S.
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- IX. **Synthesis, Biological Activity, and Molecular Modelling Studies on New Oxime Ether Compounds Bearing Imidazole Ring**
BOZBEY İ., ÖZDEMİR Z., SARI S., KART D., KARAKURT A., SARAÇ TARHAN S., DALKARA S.
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- X. **Discovery of Novel Azole Antifungals: An In Silico and In Vitro Study**
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- XI. **Hypofractionated Stereotactic Radiation Therapy/Radiosurgery Results in Patients With Uveal Melanoma**
YAZICI G., ÖZYİĞİT G., SARI S., TARLAN B., KIRATLI H., CENGİZ M., Zorlu F.
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Institutions, Yeni antifungal bileşiklerin ligand ve yapı temelli sanal aktivite tarama yöntemi ile keşfi, 2020 - 2022
YURTER H., BORA G., TAŞKOR G., DALKARA S., SARI S., Sunguroğlu M., Project Supported by Higher Education
Institutions, Aril bütenoik asit türevlerinin HDAC-spesifik inhibisyon aktivitelerinin ve nöroprotektif etkilerinin
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var *speciosa* Willd ve sekonder metabolitlerinin glukozidaz ve tirozinaz inhibitör etkilerinin araştırılması, 2020 - 2021

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Non Academic Experience

Yeni Zelanda Auckland Üniversitesi

Yeni Zelanda Auckland Üniversitesi