Asst. Prof. SİMLA OLĞAÇ

Personal Information

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International Researcher IDs
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Publons / Web Of Science ResearcherID: AHB-2802-2022
ScopusID: 57208104995
Yoksis Researcher ID: 184621

Education Information

Doctorate, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey 2012 - 2018
Postgraduate, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2008 - 2011
Undergraduate, Trakya University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanı Kullanma Sertifikası, Trakya Üniversitesi, 2009

Dissertations

Doctorate, Investigation of Molecular Mechanism of Glycoprotein VI (GPVI) Receptor Inhibitor Candidates in Platelet Aggregation, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018
Postgraduate, DENEYSEL ATEROSKLEROZ OLUŞTURULMUŞ SIÇANLARDA L-ARGİNİNİN TAS, TOS VE OKSİDATİF STRES İNDEKSİNE ETKİSİ, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2011

Research Areas

Health Sciences, Biochemistry

Academic Titles / Tasks

Assistant Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2023 - Continues
Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2012 - 2023

Courses

Undergraduate, 2021 - 2022, 2020 - 2021

Mezuniyet Projesi I Uygulama , Undergraduate, 2021 - 2022, 2020 - 2021
Mezuniyet Projesi ıı, Undergraduate, 2021 - 2022, 2020 - 2021
Mezuniyet Projesi II Uygulama, Undergraduate, 2021 - 2022, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Identification of novel antiplatelet agents by targeting Glycoprotein VI: A combined virtual screening study**
OLĞAÇ S., OLĞAÇ A., YENİCESU İ., ÖZKAN Y.
BIOORGANIC CHEMISTRY, vol.121, 2022 (SCI-Expanded)

II. **Synthesis and biological evaluation of some dibenzofuran-piperazine derivatives**
YURTTAŞ L., Abu Mohsen U., ÖZKAN Y., Cobanoglu S., LEVENT S., KAPLANCIKLI Z. A.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.31, no.6, pp.1177-1183, 2016 (SCI-Expanded)

III. **Synthesis of some 3(2H)-pyridazinone and 1(2H)-phthalazinone derivatives incorporating aminothiazole moiety and investigation of their antioxidant, acetylcholinesterase, and butyrylcholinesterase inhibitory activities**
Yamali C., Gulcan H. O., Kahya B., Cobanoglu S., ŞÜKÜROĞLU M. K., DOĞRUER D. S.
MEDICINAL CHEMISTRY RESEARCH, vol.24, no.3, pp.1210-1217, 2015 (SCI-Expanded)

Books & Book Chapters

I. **Cloud-Based High Throughput Virtual Screening in Novel Drug Discovery**
Olğaç A., Türe A., Olğaç S., Möller S.
in: High-Performance Modelling and Simulation for Big Data Applications, Kolodziej Joanna, Gonzalez-Velez Horacio, Editor, Springer, Zug, pp.250-278, 2019

Refereed Congress / Symposium Publications in Proceedings

I. **Virtual Screening to Discover Drug Candidates Targeting Platelet Receptors**
OLĞAÇ S., OLĞAÇ A., YENİCESU İ., ÖZKAN Y.
Asian Federation of Medicinal Chemistry (AFMC) 12th International Symposium, İstanbul, Turkey, 8 - 11 September 2019

II. **Antiplatelet aggregation of the secondary metabolites isolated from the aerial parts of Chrysophthalmum montanum (DC.) Boiss.**
AYAZ F., ÖZKAN Y., OLĞAÇ S., GÖREN N., ÇALIŞ İ., Choudhary M. I., KÜÇÜKBOYACI N.
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019

III. **Virtual Screening for Small Molecule Inhibitors of Glycoprotein VI (GPVI)**
OLĞAÇ S., OLĞAÇ A., ÖZKAN Y.
4th European Platelet Network (EUPLAN), 19 - 21 September 2018

IV. **ANTIPLATELET ACTIVITY OF ISOLATED FLAVONOLS FROM SALSOLA GRANDIS AERIAL PARTS**
KÜÇÜKBOYACI N., ÇALIŞ İ., ÖZKAN Y., OLĞAÇ S.
ISOPS 12th, 26 - 29 June 2018

V. **In Vitro Antiplatelet Studies on Virtually Discovered GPVI Drug Candidates**
OLĞAÇ S., Olgaç A., ÖZKAN Y.
12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 - 29 June 2018

VI. **ANTIPLATELET ACTIVITY OF LIGNANS FROM TAXUS BACCATA**

KÜÇÜKBOYACI N., ÖZKAN Y., OLĞAÇ S., ŞENER B.
ISOPS 12, 26 - 29 June 2018

VII. **Investigation of Novel Platelet Receptor GPVI Inhibitor Candidates**
OLĞAÇ S., OLĞAÇ A., ÖZKAN Y.
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017

VIII. **Structure Based Virtual Screening to Discover Platelet GPVI Inhibitors**
OLĞAÇ S., OLĞAÇ A., ÖZKAN Y.
Third European Platelet Network (EUPLAN) Conference 2016, Bad Homburg vor der Höhe, Germany, 21 - 23 September 2016

IX. **Screening FDA Approved Drugs to Discover Potent GPVI Inhibitors**
OLĞAÇ S., OLĞAÇ A., ÖZKAN Y.
XXIV National Meeting in Medicinal Chemistry, Perugia, Italy, 11 - 14 September 2016

X. **Evias Web Services Cloud Based Drug Discovery Platform**
OLĞAÇ A., BUDAK G., OLĞAÇ S., NUTI R., CAROTTI A., BANOĞLU E.
21st European Symposium on Quantitative Structure-Activity Relationship, Verona, Italy, 4 - 08 September 2016

XI. **Evias Cloud Based Drug Discovery Platform**
OLĞAÇ A., BUDAK G., OLĞAÇ S., NUTI R., CAROTTI A., BANOĞLU E.
High-Performance Modelling and Simulation for Big Data Applications - Management Committee & Working Group Meeting, Dublin, Ireland, 25 - 26 April 2016

XII. **Synthesis of Some 3(2H)-Pyridazinone and 1(2H)-Phthalazinone Derivatives Incorporating Aminothiazole Moiety and Investigation of Their Antioxidant, Acetylcholinesterase and Butyrylcholinesterase Inhibitory Activities.**
DOĞRUER D. S., YAMALI C., KILIÇ B., OLĞAÇ S., ŞÜKÜROĞLU M. K.
XXIII International Symposium on Medicinal Chemistry (EFMC-ISMC2014), Lizbon, Portugal, 7 - 11 September 2014

XIII. **Koroner Aterosklerozda Homosistein Tiyolaktonaz ve LDL Oksidasyonu**
Altınay A., Tulmaç M., OLĞAÇ S., KISA Ü., Şimşek B., ÖZKAN Y.
XXV. Ulusal Biyokimya Kongresi, Turkey, 3 - 06 September 2013

Supported Projects

Olğaç A., Demirci H., Olğaç S., Banoğlu E., Doğan T., Carotti A., Werz O., TUBITAK Project, Yeni Çözünür Epoksit Hidrolaz (sEH) Inhibitörlerinin Sanal Tarama Yöntemiyle Keşfi ve Biyolojik Aktivitelerinin Belirlenmesi, 2023 - 2026
Olğaç S., Özkan Y., TUBITAK Project, Antiplatelet Etkili Aday Bileşiklerin Etki Mekanizmasının Araştırılması, 2023 - 2024
Olğaç S., Şüküroğlu M. K., Özkan Y., TUBITAK Project, Platelet Agregasyonunda Glikoprotein VI (GPVI) Yolağının Moleküler Etki Mekanizmasının Araştırılması, 2017 - 2020
ÖZKAN Y., OLĞAÇ S., Project Supported by Higher Education Institutions, Chrysophthalmum montanum (DC.) Boiss. Bitkisinin Biyolojik Aktiviteleri Bakımından İncelenmesi, 2017 - 2018
Olğaç A., Budak G., Olğaç S., Banoğlu E., TUBITAK Project, Bulutta Yüksek Performanslı İlaç Sanal Tarama Servisi, 2015 - 2017

Memberships / Tasks in Scientific Organizations

Yaşam Bilimler Derneği, Member, 2015 - Continues, Turkey
Türk Biyokimya Derneği, Member, 2013 - Continues, Turkey

Metrics

Publication: 17
Citation (WoS): 29
Citation (Scopus): 32
H-Index (WoS): 3
H-Index (Scopus): 2