

## Asst. Prof. ASLI TÜRE

### Personal Information

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### International Researcher IDs

ScholarID: AZOs2N4AAAAJ

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Publons / Web Of Science ResearcherID: AAA-2438-2019

ScopusID: 57205129849

Yoksis Researcher ID: 53047



### Education Information

Doctorate, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey 2012 - 2017

Undergraduate, Ankara University, Eczacılık Fakültesi, Turkey 2007 - 2012

### Biography

Aslı Türe earned a bachelor's degree in 2012 from Ankara University, Faculty of Pharmacy.

She gained a doctoral degree from Marmara University, Department of Pharmaceutical Chemistry in the year of 2017.

During her PhD, she was granted a scholarship by the Scientific and Technological Research Council of Turkey (TÜBİTAK).

She was also awarded "Fellowship of XXXVI Edition of European School of Medicinal Chemistry".

She visited Martin-Luther-Universitaet Halle-Wittenberg as a guest researcher in 2016.

She has publications in high impact factor journals and book chapter which are indexed in SCI.

She presented several oral presentations and poster presentations at international congresses.

She was awarded the "Best Poster Presentation Award" at the international congress.

She is Associate Editor of the Journal of Research in Pharmacy.

Her current research interests include molecular modeling, developing novel potential kinase inhibitors and developing new antibacterial agents.

### Foreign Languages

English, C2 Mastery

## Certificates, Courses and Trainings

Personal Evolution, Diksiyon, Güzel ve Etkili Konuşma Eğitim Programı, Başkent İletişim Bilimleri Akademisi, 2018  
Vocational Course, AutoDockTools, Universitaet zu Lübeck, 2013

## Dissertations

Doctorate, FENİLAMİNOİRİMİDİN TÜREVİ BAZI YENİ BİLEŞİKLERİN TASARIMI, SENTEZİ VE ANTİKANSER ETKİLERİNİN DEĞERLENDİRİLMESİ, Marmara Üniversitesi, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2017

## Research Areas

Pharmacology and Therapeutics, Pharmaceutical Chemistry

## Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2020 - Continues  
Research Assistant, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - 2020  
Researcher, Martin-Luther-Universitaet Halle-Wittenberg, 2016 - 2016

## Courses

Pharmaceutical Chemistry-3 Laboratory, Undergraduate, 2018 - 2019  
New Developments in Antibiotic and Chemotherapeutic Drugs, Undergraduate, 2018 - 2019  
Pharmaceutical Chemistry-2 Laboratory, Undergraduate, 2018 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis of novel triazole-urea hybrids and their antiproliferative activity against pancreatic cancer through suppression of eEF2K and induction of apoptosis**  
TÜRE A., ÖZDEMİR B., Çeçe O., ARMAGAN G., Erdoğan M. A., Erdoğan Ö., Cevik O., Küçükgüzel İ.  
Journal of Molecular Structure, vol.1311, 2024 (SCI-Expanded)
- II. **Design and synthesis of new heterocyclic compounds containing 5-[(1H-1,2,4-triazol-1-yl)methyl]-3H-1,2,4-triazole-3-thione structure as potent hEGFR inhibitors**  
KOLCUOĞLU Y., BEKİRCAN O., Fazli H., Sahin E., TÜRE A., AKDEMİR A., Hamarat Sanlier S.  
Journal of Biomolecular Structure and Dynamics, vol.41, no.22, pp.12753-12767, 2023 (SCI-Expanded)
- III. **Synthesis and molecular modeling of some novel hydroxypyrrone derivatives as antidermatophytic agents**  
Karakaya G., Ozdemir A., Ture A., ÖZÇELİK B., Aytemir M.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.59, no.10, pp.1801-1812, 2022 (SCI-Expanded)
- IV. **Novel fluoroquinolones containing 2-arylamino-2-oxoethyl fragment: Design, synthesis, evaluation of antibacterial and antituberculosis activities and molecular modeling studies**  
KULABAŞ N., TÜRE A., Bozdeveci A., Krishna V. S., ALPAY KARAOĞLU Ş., Sriram D., KÜÇÜKGÜZEL İ.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.59, pp.909-926, 2022 (SCI-Expanded)
- V. **Design, synthesis, and anticancer activity of novel 4-thiazolidinone-phenylaminopyrimidine hybrids**  
TÜRE A., ERGÜL M., ERGÜL M., ALTUN A., KÜÇÜKGÜZEL İ.  
MOLECULAR DIVERSITY, vol.25, no.2, pp.1025-1050, 2021 (SCI-Expanded)
- VI. **Novel 2,6-disubstituted pyridine hydrazones: Synthesis, anticancer activity, docking studies and effects on caspase-3-mediated apoptosis**

Şenkardeş S., Türe A., Ekrek S., Durak A. T., Abbak M., Çevik Ö., Kaşkatepe B., Küçükgülzel İ., Küçükgülzel Ş. G.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1223, 2021 (SCI-Expanded)

- VII. **Synthesis, computational molecular docking analysis and effectiveness on tyrosinase inhibition of kojic acid derivatives**  
Karakaya G., TÜRE A., ERCAN A., ÖNCÜL S., Aytemir M. D.  
Bioorganic Chemistry, vol.88, 2019 (SCI-Expanded)
- VIII. **Design, synthesis and molecular modeling studies on novel moxifloxacin derivatives as potential antibacterial and antituberculosis agents**  
TÜRE A., KULABAŞ N., Dingiş S. İ., Birgül K., Bozdeveci A., ALPAY KARAOĞLU Ş., Krishna V. S., Sriram D., KÜÇÜKGÜZEL İ.  
Bioorganic Chemistry, vol.88, 2019 (SCI-Expanded)
- IX. **Synthesis, anticancer activity, toxicity evaluation and molecular docking studies of novel phenylaminopyrimidine-(thio)urea hybrids as potential kinase inhibitors**  
TÜRE A., Kahraman D. C., Cetin-Atalay R., Helvacioğlu S., Charehsaz M., KÜÇÜKGÜZEL İ.  
COMPUTATIONAL BIOLOGY AND CHEMISTRY, vol.78, pp.227-241, 2019 (SCI-Expanded)
- X. **Synthesis and evaluation of novel 1,3,4-thiadiazole-fluoroquinolone hybrids as antibacterial, antituberculosis, and anticancer agents**  
Demirci A., Karayel K. G., TATAR E., Oktem Okullu S., Unubol N., Tasli P. N., KOCAGÖZ Z. T., ŞAHİN F., KÜÇÜKGÜZEL İ.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.3, pp.839-858, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Molecular modeling and assessment of cytotoxic and apoptotic potentials of imatinib analogues featuring (thio)urea motifs in human leukemia and lymphoma cells**  
BİNGÖL ÖZAKPINAR Ö., TÜRE A., KÜÇÜKGÜZEL İ.  
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.6, pp.801-811, 2020 (ESCI)

## 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, pp.250-278, 2019
- II. **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, Joanna Kolodziej, Horacia Gonzalez-Velez, Editor, Springer, Zug, pp.250-278, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Novel Modified Fluoroquinolone Derivatives As Potential Antibacterial And Anti-Tuberculosis Agents: Design, Synthesis And Molecular Modeling Studies**  
Türe A.  
Asian Federation of Medicinal Chemistry (AFMC) 12th International Symposium, İstanbul, Turkey, 8 - 11 September 2019, pp.108-109
- II. **Novel Imatinib Analogues Featuring (Thio)urea Motifs: Design, Molecular Modeling and Assessment of Cytotoxic and Apoptotic Potential in Human Leukemia and Lymphoma**  
TÜRE A., BİNGÖL ÖZAKPINAR Ö., KÜÇÜKGÜZEL İ.

6th International BAU Drug Design Congress, 13 - 15 December 2018

- III. **Did you mean: Olası Vegfr2 İnhibitor Tiyadiazol Halkası İçeren Diaril Üre Ve Diaril Tiyöüre Bileşiklerinin Moleküler Kenetlenme Çalışmaları Işığında Tasarımı Ve Sentezi 155/5000 Design and Synthesis of Diaryl Urea and Diaryl Thiourea Compounds Containing Possible Vegfr2 Inhibitor Thiadiazole Ring in the Light of Molecular Docking Studies**  
Türe A., Sarı S., Acar Ş., Apak A. F. B., Mercimek I. N., Küçükgülzel İ.  
2. Ulusal Marmara Eczacılık Kongresi, İstanbul, Turkey, 14 - 16 November 2018, pp.206
- IV. **Docking Studies of Kojylmethyl Dichlorobenzyl Piperazine As A Tyrosinase İnhibitor. 10th International Symposium on Pharmaceutical Sciences**  
AYTEMİR M., TÜRE A., KARAKAYA G.  
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- V. **Docking Studies of Kojylmethyl Dichlorobenzyl Piperazine As A Tyrosinase İnhibitor**  
Aytemir M., Türe A., Karakaya G.  
12th ISOPS, Ankara, Turkey, 26 - 29 June 2018, pp.393
- VI. **Computational Design, Synthesis and Antituberculosis Activity of Novel Modified Fluoroquinolone Derivatives**  
DEMİRCİ A., KULABAŞ N., KRISHNA V. S., SRIRAM D., KÜÇÜKGÜZEL İ.  
5th International Bahçeşehir University (BAU) Drug Design Congress, 19 - 21 October 2017
- VII. **A Hybrid Approach for the Design, Synthesis and Anticancer Activity of Phenylaminopyrimidine Core Containing 2-İmino-4-thiazolidinone Derivatives**  
DEMİRCİ A., ERGÜL M., ERGÜL M., ALTUN A., KÜÇÜKGÜZEL İ.  
5th Bahçeşehir University Drug Design Congress, 19 - 21 October 2017
- VIII. **A Hybrid Approach for the Design, Synthesis and Anticancer Activity of Phenylaminopyrimidine Core Containing 2-İmino-4-thiazolidinone Derivatives**  
DEMİRCİ A., ERGÜL M., ERGÜL M., ALTUN A., KÜÇÜKGÜZEL İ.  
5th Bahçeşehir University Drug Design Congress, 19 October 2017
- IX. **DESIGN, SYNTHESIS AND ACTIVITY OF SOME NOVEL PHARMACOPHORIC PHENYLAMINOPYRIMIDINE CORE CONTAINING 5-ARYLIDENE-2-ARYLİMINO-4-THIAZOLIDINONE DERIVATIVES TARGETING NEUROBLASTOMA CANCER CELLS**  
DEMİRCİ A., ERGÜL M., ERGÜL M., ALTUN A., KÜÇÜKGÜZEL İ.  
GPSS2017: 2nd Gazi Pharma Symposium Series, 11 - 13 October 2017
- X. **Design, Synthesis and Antibacterial Activity of Novel Modified Fluoroquinolone Derivatives**  
KULABAŞ N., DEMİRCİ A., BOZDEVECİ A., ALPAY KARAOĞLU Ş., KÜÇÜKGÜZEL İ.  
3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, Erzurum, Turkey, 5 - 07 October 2017
- XI. **Synthesis, Antituberculosis Activity and Molecular Docking Study of Some Novel Fluoroquinolone Derivatives**  
DEMİRCİ A., KULABAŞ N., DİNGİŞ S. İ., BİRGÜL K., Sriram D., KÜÇÜKGÜZEL İ.  
EFMC-ASMC17, 27 - 31 August 2017
- XII. **Synthesis, Anticancer Activity and Docking Studies of New Phenylaminopyrimidine Derivatives**  
DEMİRCİ A., DURMAZ İ., ATALAY R., KÜÇÜKGÜZEL İ.  
10th Joint Meeting on Medicinal Chemistry, 25 - 28 June 2017
- XIII. **Antibakteriyel Etki Göstermeleri Olası Yeni Moksifloksazın Türevlerinin Sentezi ve Moleküler Modelleme Çalışmaları**  
DEMİRCİ A., KULABAŞ N., DİNGİŞ S. İ., BİRGÜL K., KÜÇÜKGÜZEL İ.  
I.Ulusal Marmara Eczacılık Kongresi (UMEK), Turkey, 3 - 05 November 2016
- XIV. **ANTİBAKTERİYEL ETKİ GÖSTERMELERİ OLASI YENİ MOKSİFLOKSAZIN TÜREVLERİNİN SENTEZİ VE MOLEKÜLER MODELLEME ÇALIŞMALARI**  
KULABAŞ N., DEMİRCİ A., DİNGİŞ S. İ., BİRGÜL K., KÜÇÜKGÜZEL İ.  
1. Uusal Marmara Eczacılık Kongresi (UMEK), İstanbul, Turkey, 3 - 05 November 2016
- XV. **Computational Design, Synthesis and Molecular Properties of Novel Modified Fluoroquinolone**

### **Derivatives as Potential Antibacterial and Antituberculosis Agents**

DEMİRÇİ A., KULABAŞ N., DİNGİŞ S. İ., BİRGÜL K., KÜÇÜKGÜZEL İ.

EFMC-International Symposium on Medicinal Chemistry 2016, 28 August - 01 September 2016

- XVI. **Design, Synthesis and Anticancer Activity of Novel of Phenylaminopyrimidine Derivatives-Selected for oral presentation**  
DEMİRÇİ A., DURMAZ İ., ATALAY R., KÜÇÜKGÜZEL İ.  
European School of Medicinal Chemistry 2016, 26 June - 01 July 2016
- XVII. **Design, Synthesis and Anticancer Activity of Novel of Phenylaminopyrimidine Derivatives**  
DEMİRÇİ A., DURMAZ İ., ATALAY R., KÜÇÜKGÜZEL İ.  
European School of Medicinal Chemistry 2016, 26 June - 01 July 2016
- XVIII. **Design Synthesis and Molecular Modeling Studies on Novel Fluoroquinolones as Potential DNA Gyrase Inhibitors**  
KULABAŞ N., DEMİRÇİ A., KÜÇÜKGÜZEL İ.  
4th International Meeting on Pharmacy and Pharmaceutical Sciences, 18 - 21 September 2014
- XIX. **Interfacing Chemical Biology and Drug Discovery bildiri kitapçığındaki Novel Fluoroquinolones Containing Azole Heterocycles Synthesis Antibacterial Activity and Molecular Docking Studies**  
DEMİRÇİ A., KÜÇÜKGÜZEL İ., TATAR E., KARAYEL K., ÖKTEM OKULLU S., ÜNÜBOL N., KOCAGÖZ Z. T.  
50th International Conference on Medicinal Chemistry-RICT 2014, 2 - 04 July 2014
- XX. **Novel Fluoroquinolones Containing Azole Heterocycles Synthesis Antibacterial Activity and Molecular Docking Studies**  
DEMİRÇİ A., KÜÇÜKGÜZEL İ., TATAR E., KARAYEL K. G., ÖKTEM OKULLU S., ÜNÜBOL N., KOCAGÖZ Z. T.  
50th International Conference on Medicinal Chemistry, RICT, 2 - 04 July 2014
- XXI. **Design Synthesis and Molecular Modeling Studies on Novel Fluoroquinolones Containing Azole Heterocycles**  
KARAYEL K. G., DEMİRÇİ A., TATAR E., KÜÇÜKGÜZEL İ.  
International Multidisciplinary Symposium on Drug Research and Development New Drug Entities & Cancer Research, Nanotechnology & Scientific and Industrial Perspectives, 28 - 30 November 2013
- XXII. **Synthesis of Some Novel N substituted 4 trans trans farnesylthiobenzamide Derivatives as Potential Anticancer Agents**  
DEMİRÇİ A., ALP A. S., BÜYÜKBİNGÖL M. E.  
13th Belgian Organic Synthesis Symposium (BOSS XIII), 2012, 15 - 20 July 2012
- XXIII. **Synthesis of Some Novel N substituted 3 trans trans Farnesylthiobenzamide Derivatives as Potential Anticancer Agents**  
DEMİRÇİ A., ALP A. S., BÜYÜKBİNGÖL M. E.  
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2012

### **Supported Projects**

Türe A., Kolcuoğlu Y., Bekircan O., Şanlıer Ş., TÜBİTAK Project, Antikanser adayı ve potansiyel hEGFR İnhibitörü Olarak Yeni 1,2,4-Triazol Bileşiklerinin Sentezi ve Biyokimyasal Özelliklerinin İncelenmesi, 2018 - 2021

Türe A., Küçükgülzel İ., Project Supported by Higher Education Institutions, Olası Antikanser Etkili 2-Fenilaminopirimidin Türevi Bazı Yeni Bileşiklerin Sentezi, 2015 - 2017

Türe A., Büyükbıngöl M. E., Project Supported by Higher Education Institutions, Ras Onkojen Protein İnhibitörü Olan 3-, 4-Farnesiltiyosalilik Asit Türevi Yeni Bileşiklerin Sentezi ve Antikanser Aktivitelerinin Değerlendirilmesi, 2011 - 2012

### **Patent**

Türe A., 3/4-((2E,6E)-3,7,11-TrimetildodeCa-2,6,10-trienylthio)benzamide Derivative Compounds, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2019/20922 , Standard Registration, 2019

## Activities in Scientific Journals

Marmara Pharmaceutical Journal, Assistant Editor/Section Editor, 2019 - Continues

## Scientific Refereeing

Journal in Research in Pharmacy, Journal Indexed in ESCI, January 2019

Journal in Research in Pharmacy, Journal Indexed in ESCI, September 2018

Journal in Research in Pharmacy, Journal Indexed in ESCI, July 2018

Journal in Research in Pharmacy, Journal Indexed in ESCI, March 2018

## Tasks In Event Organizations

Türe A., II. Ulusal Marmara Eczacılık Kongresi , Scientific Congress, Turkey, Kasım 2018

Türe A., Tatar E., 4th International Meeting on Pharmacy and Pharmaceutical Sciences, Scientific Congress, Turkey, Eylül 2014

## Mobility Activity

Other, Guest Researcher, Martin-Luther-Universitaet Halle-Wittenberg, Germany, 2016 - 2016

## Metrics

Publication: 36

Citation (WoS): 127

Citation (Scopus): 126

H-Index (WoS): 7

H-Index (Scopus): 6

## Scholarships

Öncelikli Alanlara Yönelik Yurtiçi Doktora Bursu (2211-C) , TUBITAK, 2015 - 2017

## Awards

Türe A., Best Poster Presentation Award, 5Th Bau Drug Design Congress, November 2017

Türe A., 2016 Fellowship, European School Of Medicinal Chemistry, July 2016

## Non Academic Experience

Martin Luther University

Ankara Üniversitesi