

## Lect. PhD ABDURRAHMAN OLĞAÇ

### Personal Information

Office Phone: [+90 312 202 3230](tel:+903122023230)

Fax Phone: [+90 312 920 0271](tel:+903129200271)

Email: [abdurrahman.olgac@gazi.edu.tr](mailto:abdurrahman.olgac@gazi.edu.tr)

Web: <https://www.olgac.net>

Address: Gazi Üniversitesi Eczacılık Fakültesi Farmasötik Kimya Anabilim Dalı 06330 Yenimahalle Ankara



### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), Turkey 2012 - 2017

Under Graduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2007 - 2012

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Education Management and Planning, Eğitimcilerin Eğitimi Sertifikası, Gazi University, 2017

IT, Yazılım ve Veritabanı Uzmanlığı - Uluslararası Microsoft Katılım Sertifikası, Üstün Başarı Sertifikası, Katılım Sertifikası, Bilge Adam, 2011

IT, Bilgi Teknolojileri Sertifika Programı (BTSP), Middle East Technical University, 2009

### Dissertations

Doctorate, Sanal tarama ve farmakolojik değerlendirme yoluyla yeni 5-lipoksijenaz aktive edici protein (FLAP) inhibitörü bileşiklerin keşfi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (Dr), 2017

### Research Areas

Pharmaceutical Chemistry

### Academic Titles / Tasks

Lecturer, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2019 - Continues

Researcher, Martin-Luther-Universität Halle-Wittenberg, 2018 - 2018

Research Assistant, Dicle University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2015 - 2018

Research Assistant, Gazi University, Sağlık Bilimleri Enstitüsü, -, 2016 - 2017

Researcher, Università Degli Studi di Perugia, 2015 - 2016

Researcher, Università Degli Studi di Perugia, 2014 - 2014

Researcher, Università Degli Studi di Perugia, 2013 - 2013

## Courses

Farmasötik Kimya II Uygulama, Under Graduate, 2018 - 2019, 2019 - 2020

Farmasötik Kimya I Uygulama, Under Graduate, 2020 - 2021

Farmasötik Kimya IV Uygulama, Under Graduate, 2019 - 2020

Farmasötik Kimya III Uygulama, Under Graduate, 2019 - 2020

Farmasötik Kimya Uygulama III, Under Graduate, 2017 - 2018

Farmasötik Kimya Uygulama I, Under Graduate, 2017 - 2018

Eczacılığa Giriş, Under Graduate, 2017 - 2018

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Simple heteroaryl modifications in the 4, 5-diarylisoxazol-3-carboxylic acid scaffold favorably modulates the activity as dual mPGES-1/5-LO inhibitors with in vivo efficacy**  
Gürses T., Olğaç A., Garscha U., Gür Maz Z. T., Bal N. B., Uludağ M. O., Çalışkan B., Schubert U. S., Werz O., Banoğlu E.  
Bioorganic Chemistry, vol.112, pp.1-12, 2021 (Journal Indexed in SCI Expanded)
- II. **Discovery of Novel 5-Lipoxygenase-Activating Protein (FLAP) Inhibitors by Exploiting a Multistep Virtual Screening Protocol**  
OLĞAÇ A., Carotti A., Kretzer C., Zergiebel S., Seeling A., Garscha U., Werz O., Macchiarulo A., BANOĞLU E.  
JOURNAL OF CHEMICAL INFORMATION AND MODELING, vol.60, no.3, pp.1737-1748, 2020 (Journal Indexed in SCI)
- III. **Ortho versus Meta Chlorophenyl-2,3-Benzodiazepine Analogues: Synthesis, Molecular Modeling, and Biological Activity as AMPAR Antagonists**  
Qneibi M., Jaradat N., Hawash M., OLĞAÇ A., Emwas N.  
ACS OMEGA, vol.5, no.7, pp.3588-3595, 2020 (Journal Indexed in SCI)
- IV. **The 12(th) AFMC International Medicinal Chemistry Symposium (AIMECS 2019) in Istanbul, Turkey**  
OLĞAÇ A., Yalcin I., Aki-Yalcin E.  
CHEMMEDCHEM, vol.15, no.1, pp.162-167, 2020 (Journal Indexed in SCI)
- V. **Protective effect of piceatannol and bioactive stilbene derivatives against hypoxia-induced toxicity in H9c2 cardiomyocytes and structural elucidation as 5-LOX inhibitors**  
Boccellino M., Donniacuo M., Bruno F., Rinaldi B., Quagliuolo L., Ambruosi M., Pace S., De Rosa M., OLĞAÇ A., BANOĞLU E., et al.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.180, pp.637-647, 2019 (Journal Indexed in SCI)
- VI. **Structural insight into the optimization of ethyl 5-hydroxybenzo[g] indol-3-carboxylates and their bioisosteric analogues as 5-LO/mPGES-1 dual inhibitors able to suppress inflammation**  
Bruno F., Errico S., Pace S., Nawrozki M. B., Mkrtchyan A. S., Guida F., Maisto R., OLĞAÇ A., D'Amico M., Maione S., et al.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.155, pp.946-960, 2018 (Journal Indexed in SCI)
- VII. **Identification of multi-target inhibitors of leukotriene and prostaglandin E-2 biosynthesis by structural tuning of the FLAP inhibitor BRP-7**  
GÜR MAZ Z. T., ÇALIŞKAN B., Garscha U., OLĞAÇ A., Schubert U. S., Gerstmeier J., Werz O., BANOĞLU E.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.150, pp.876-899, 2018 (Journal Indexed in SCI)
- VIII. **The potential role of in silico approaches to identify novel bioactive molecules from natural resources**  
OLĞAÇ A., ERDOĞAN ORHAN İ., BANOĞLU E.

FUTURE MEDICINAL CHEMISTRY, vol.9, no.14, pp.1663-1684, 2017 (Journal Indexed in SCI)

**IX. Synthesis and biological evaluation of C(5)-substituted derivatives of leukotriene biosynthesis inhibitor BRP-7**

Levent S., Gerstmeier J., OLĞAÇ A., Nikels F., Garscha U., Carotti A., Macchiarulo A., Werz O., BANOĞLU E., ÇALIŞKAN B.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.122, pp.510-519, 2016 (Journal Indexed in SCI)

**X. 4,5-Diarylisoaxazol-3-carboxylic acids: A new class of leukotriene biosynthesis inhibitors potentially targeting 5-lipoxygenase-activating protein (FLAP)**

BANOĞLU E., Celikoglu E., Voelker S., OLĞAÇ A., Gerstmeier J., Garscha U., ÇALIŞKAN B., Schubert U. S. , Carotti A., Macchiarulo A., et al.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.113, pp.1-10, 2016 (Journal Indexed in SCI)

**XI. Synthesis, biological evaluation and molecular docking studies of trans-indole-3-acrylamide derivatives, a new class of tubulin polymerization inhibitors**

BAYTAŞ S., Inceler N., Yilmaz A., OLĞAÇ A., Menevse S., BANOĞLU E., Hamel E., Bortolozzi R., Viola G.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.22, no.12, pp.3096-3104, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. Mitochondrial Haplogroup Distribution in Elite Turkish Athletes**

Kurtuluş M., Günay M., Çelenk Ç., Olğaç A., Kesici T.

Niğde Ömer Halisdemir Üniversitesi Beden Eğitimi ve Spor Bilimleri Dergisi, vol.14, no.3, pp.494-502, 2020 (National Refreed University Journal)

**II. Fragment-based drug design of nature-inspired compounds**

Najjar A., OLĞAÇ A., Ntie-Kang F., Sippl W.

PHYSICAL SCIENCES REVIEWS, vol.4, no.9, 2019 (Journal Indexed in 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

## Refereed Congress / Symposium Publications in Proceedings

**I. Investigation of the activation mechanisms of natural clotting processes by highly deacetylated chitosan**

Elçi S. D. , BOLELLİ K., Hidayat A. N. , OLĞAÇ A., Javornik U., BELEN APAK F. B. , Şençelikel T., AKI YALÇIN E. E. 8th International Drug Chemistry Conference, Antalya, Kemer, Turkey, 27 February - 01 March 2020

**II. 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

**III. An in silico Investigation of the Activation Mechanisms of Clotting Processes by Highly Deacetylated Oligomeric Chitosan**

Elçi S. D. , Hidayat A. N. , OLĞAÇ A., AKI YALÇIN E. E.

Asian Federation for Medicinal Chemistry (AFMC) 12th International Symposium, Ankara, Turkey, 8 - 11 September 2019

- IV. **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
- V. **DISCOVERY OF NOVEL 5-LIPOXYGENASE ACTIVATING PROTEIN (FLAP) INHIBITORS BY VIRTUAL SCREENING AND PHARMACOLOGICAL EVALUATION**  
 OLĞAÇ A., CAROTTI A., Garscha U., Werz O., Macchiarulo A., BANOĞLU E.  
 22nd European Symposium on Quantitative Structure-Activity Relationships Translational and Health Informatics: Implications for Drug Discovery, 16 - 20 September 2018
- VI. **EVOLUTION OF SELECTIVE FLAP INHIBITOR BRP-7 INTO MULTI-TARGET INHIBITOR OF FLAP, 5-LO AND MPGES-1 IN THE ARACHIDONIC ACID PATHWAY**  
 GÜR MAZ Z. T., ÇALIŞKAN B., OLĞAÇ A., GERSTMEIER J., GARSCHA U., WERZ O., BANOĞLU E.  
 EFMC International Symposium on Medicinal Chemistry, Ljubljana, Slovenia, 2 - 06 September 2018, pp.231
- VII. **PROTEIN-LIGAND INTERACTION ANALYSIS THROUGH DOCKING AND MOLECULAR DYNAMIC SIMULATIONS OF KNOWN 5-LIPOXYGENASE-ACTIVATING PROTEIN (FLAP) INHIBITORS**  
 OLĞAÇ A., CAROTTI A., Macchiarulo A., BANOĞLU E.  
 RICT 2018 Interfacing Chemical Biology and Drug Discovery 54th International Conference on Medicinal Chemistry, Strasbourg, France, 4 - 06 July 2018
- VIII. **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
- IX. **ANTİLOKOTRİEN ETKİLİ 1,2,5-TRİSÜBSTİTÜEBENZİMİDAZOL TÜREVLERİNİN GELİŞTİRİLMESİ ÜZERİNDE YAPILAN ÇALIŞMALAR**  
 GÜR MAZ Z. T., ÇALIŞKAN B., GERSTMEIER J., OLĞAÇ A., GARSCHA U., WERZ O., BANOĞLU E.  
 V. ULUSAL FARMASÖTİK KİMYA KONGRESİ, Erzurum, Turkey, 28 April - 01 May 2018
- X. **SANAL TARAMA VE FARMAKOLOJİK DEĞERLENDİRME YOLUYLA YENİ 5-LİPOKSİJENAZ AKTİVE EDİCİ PROTEİN (FLAP) İNHİBİTÖRÜ BİLEŞİKLERİN KEŞFİ**  
 OLĞAÇ A., CAROTTI A., Garscha U., Werz O., Macchiarulo A., BANOĞLU E.  
 V. ULUSAL FARMASÖTİK KİMYA KONGRESİ, Erzurum, Turkey, 28 April - 01 May 2018
- XI. **Cloud-Based High Performance Virtual Screening in Novel Drug Discovery**  
 OLĞAÇ A., Möller S.  
 WG MC Meeting Fontainebleau (France), Fontainebleau, France, 19 - 20 March 2018
- XII. **Discovery of Novel 5-Lipoxygenase Activating Protein (FLAP) Inhibitors by Virtual Screening**  
 OLĞAÇ A., CAROTTI A., GERSTMEIER J., GARSCHA U., WERZ O., MACCHIARULO A., BANOĞLU E.  
 2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XIII. **Developing Multi-target Inhibitors of Arachidonic Acid Pathway Based on the FLAP Inhibitor BRP-7**  
 GÜR Z. T., ÇALIŞKAN B., GERSTMEIER J., OLĞAÇ A., GARSCHA U., WERZ O., BANOĞLU E.  
 2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XIV. **Investigation of Novel Platelet Receptor GPVI Inhibitor Candidates**  
 OLĞAÇ S., OLĞAÇ A., ÖZKAN Y.  
 2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XV. **Discovery of Dual FLAP/mPGES-1 Inhibitors for Intervention with Inflammatory Diseases: Medicinal Chemistry Challenges**  
 BANOĞLU E., ÇALIŞKAN B., GÜR Z. T., OLĞAÇ A.  
 Turkish Japanese Workshop on Bioorganic Medicinal Chemistry Natural Products, 14 September 2017
- XVI. **Bioisosteric Tuning of FLAP Inhibitor BRP-7 Towards a More Potent Anti-inflammatory Agent with Multiligand Inhibitor Properties in the Arachidonic Acid (AA) Pathway**  
 GÜR Z. T., ÇALIŞKAN B., OLĞAÇ A., GERSTMEIER J., GARSCHA U., WERZ O., BANOĞLU E.  
 EFMC-ASMC'xx17 EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, 27 - 31 August 2017
- XVII. **Discovery of Novel 5-Lipoxygenase Activating Protein (FLAP) Inhibitors by Combined Ligand- and Structure-Based Virtual Screening**

OLĞAÇ A., CAROTTI A., GERSTMEIER J., GARSCHA U., WERZ O., MACCHIARULO A., BANOĞLU E.  
EFMC-ASMC'xx17 EFMC International Symposium on Advances in Synthetic and Medicinal Chemistry, 27 - 31  
August 2017

- XVIII. **Araşidonik asit yolağında çoklu ligand (FLAP/5-LO/mPGES-1) özellikte inhibitör etkili BRP-7 türevlerinin geliştirilmesi**  
BANOĞLU E., GÜR Z. T. , ÇALIŞKAN B., GERSTMEIER J., OLĞAÇ A., GARSCHA U., WERZ O.  
1. Anadolu Üniversitesi Eczacılık Sempozyumu, Eskişehir, Turkey, 1 - 02 June 2017, pp.10
- XIX. **Structure based virtual screening to discover platelet GPVI inhibitors**  
OLĞAÇ S., olgac A., ÖZKAN Y.  
The 3rd EUPLAN conference, 21 - 23 September 2016
- XX. **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
- XXI. **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
- XXII. **Structure Guided Design of Novel Isoxazole and Benzimidazole Derivatives as Potent 5 Lipoygenase 5 LO and 5 LO Activating Protein FLAP Inhibitors**  
OLĞAÇ A., CAROTTI A., WERZ O., BANOĞLU E., MACCHIARULO A.  
XXIV National Meeting in Medicinal Chemistry, Perugia, Italy, 11 - 14 September 2016
- XXIII. **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
- XXIV. **Novel BRP 7 Derivatives Targeting FLAP Potent Inhibitors of Leukotriene Biosynthesis**  
GÜR Z. T. , ÇALIŞKAN B., GERSTMEIER J., GARSCHA U., OLĞAÇ A., WERZ O., BANOĞLU E.  
3rd EFMC Young Medicinal Chemist Symposium, Manchester, England, 1 - 02 September 2016
- XXV. **EXPLORATION OF THE CHEMICAL SPACE AROUND C 5 POSITION OF THE BENZIMIDAZOLE NUCLEUS IN BRP 7 TOWARDS MORE POTENT INHIBITORS OF HUMAN 5 LIPOXYGENASE ACTIVATING PROTEIN FLAP**  
GÜR Z. T. , ÇALIŞKAN B., Gerstmeier J., OLĞAÇ A., nikels F., werz o., BANOĞLU E.  
EFMC International Symposium on Medicinal Chemistry, Manchester, England, 28 August - 01 September 2016
- XXVI. **Exploration of the Chemical Space Around C 5 Position Of The Benzimidazole Nucleus in BRP 7 Towards More Potent Inhibitors of Human 5 Lipoygenase Activating Protein FLAP**  
GÜR Z. T. , ÇALIŞKAN B., GERSTMEIER J., OLĞAÇ A., NIKELS F., WERZ O., BANOĞLU E.  
EFMC International Symposium on Medicinal Chemistry 2016, Manchester, England, 28 August - 01 September  
2016
- XXVII. **Discovery of 4 5 Diarylisoxazol 3 Carboxylic Acid Skeleton as a Novel Chemotype for Inhibition of 5 Lipoygenase Activating Protein FLAP**  
ÇALIŞKAN B., ÇELİKOĞLU E., GERSTMEIER J., VOELKER S., GARSCHA U., OLĞAÇ A., CAROTTI A., MACCHIARULO A.,  
WERZ O., BANOĞLU E.  
EFMC International Symposium on Medicinal Chemistry 2016, Manchester, England, 28 August - 01 September  
2016
- XXVIII. **DISCOVERY OF 4 5 DIARYLISOXAZOL 3 CARBOXYLIC ACID SKELETON AS A NOVEL CHEMOTYPE FOR INHIBITION OF 5 LIPOXYGENASE ACTIVATING PROTEIN FLAP**  
ÇALIŞKAN B., çelikoğlu e., gerstmeier j., voelker s., garscha u., OLĞAÇ A., carotti a., Macchiarulo A., werz o.,  
BANOĞLU E.  
EFMC International Symposium on Medicinal Chemistry, Manchester, England, 28 August - 01 September 2016
- XXIX. **Structure Guided Design of Novel Isoxazole and Benzimidazole Derivatives as Potent FLAP and 5 LO Inhibitors**  
OLĞAÇ A., CAROTTI A., BANOĞLU E., MACCHIARULO A.

- IBSS'2016 Resources and Techniques in Computational Drug Discovery, Morocco, 23 - 26 May 2016
- XXX. **Hands on Evias Cloud Virtual Screening Module**  
OLĞAÇ A., BUDAK G., NUTI R.  
IBSS'2016 Resources and Techniques in Computational Drug Discovery, TANCA, Morocco, 23 - 26 May 2016
- XXXI. **Cloud Based Drug Discovery Platforms**  
OLĞAÇ A.  
IBSS'2016 Resources and Techniques in Computational Drug Discovery, TANCA, Morocco, 23 - 26 May 2016
- XXXII. **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
- XXXIII. **STRUCTURE BASED DESIGN AND SYNTHESIS OF NOVEL BRP 7 DERIVATIVES BEARING C 5 POLAR SUBSTITUENTS AS POTENT FLAP INHIBITORS**  
GÜR Z. T. , OLĞAÇ A., Gerstmeiner J., Macchiarulo A., Werz O., ÇALIŞKAN B., BANOĞLU E.  
GPSS 2015, Antalya, Turkey, 12 - 15 November 2015
- XXXIV. **Pharmacoinformatics in Drug R&D Process**  
OLĞAÇ A., CAROTTI A.  
1st International Gazi Pharma Symposium Series, 12 - 15 November 2015
- XXXV. **Structure-Guided Design of Novel Isoxazole and Benzimidazole Derivatives as Potent FLAP and 5-LO Inhibitors: Insights from Molecular Dynamics Simulations**  
OLĞAÇ A., CAROTTI A., WERZ O., MACCHIARULO A., BANOĞLU E.  
1st International Gazi Pharma Symposium Series, 12 - 15 November 2015
- XXXVI. **Structure-Based Design And Synthesis Of Novel Isoxazole And Benzimidazole Derivatives As Potent FLAP and 5-LO Inhibitors: Insights From Molecular Dynamics Simulations**  
OLĞAÇ A., CAROTTI A., WERZ O., BANOĞLU E., MACCHIARULO A.  
Summer School on Drug Design in September in Vienna 2015, Viyana, Austria, 20 - 25 September 2015
- XXXVII. **Mitochondrial Haplogroups in Mitochondrial DNA Control Region of the Turkish Population**  
KURTULUŞ M., GÜNAY M., ÇELENK C., OLĞAÇ A., CİCİOĞLU H. İ.  
BAFS - BALKAN ACADEMY OF FORENSIC SCIENCES -11th ANNUAL MEETING, 10 - 13 June 2015
- XXXVIII. **Structure-Based Design and Synthesis of Novel BRP-7 Derivatives as Potent FLAP Inhibitors: Insights from Molecular Dynamics Simulations.**  
OLĞAÇ A., GÜR Z. T. , CAROTTI A., ÇALIŞKAN B., GERSTMEIER J., WERZ O., MACCHIARULO A., BANOĞLU E.  
EFMC International Symposium on Medicinal Chemistry, LİZBON, Portugal, 7 - 11 September 2014, pp.162
- XXXIX. **Study of 5-Lipoxygenase (5-LO) and 5-Lipoxygenase Activating Protein (FLAP) Inhibition Through in silico Docking and Molecular Dynamics Simulations**  
OLĞAÇ A., CAROTTI A., MACCHIARULO A., BANOĞLU E.  
Gazi Pharma - Computer Aided Drug Design Meeting, 03 December 2013
- XL. **Computer Aided Drug Design Targeting 5LO and FLAP**  
OLĞAÇ A., CAROTTI A., WERZ O., MACCHIARULO A., BANOĞLU E.  
The First Technical Meeting on High-Throughput Molecular Dynamics 2013, 7 - 08 November 2013

## Supported Projects

- Banoğlu E., Gür Maz Z. T. , Uludağ M. O. , Çalışkan B., Olğaç A., TUBITAK Project, Yeni Mikrozomal Prostaglandin E2 Sentaz-1 (Mpges-1) İnhibitörlerinin Geliştirilmesi Üzerine Çalışmalar, 2019 - 2022
- Olğaç A., Çapan İ., Banoğlu E., TUBITAK Project, Lökotrien Biyosentez İnhibitörlerinin Geliştirilmesi, 2020 - 2021
- Kolodziej J., Olğaç A., H2020 Project, High Performance Modelling and Simulation for Big Data Applications cHiPSet, 2015 - 2019
- Olğaç A., Budak G., Olğaç S., Banoğlu E., TUBITAK Project, Bulutta Yüksek Performanslı İlaç Sanal Tarama Servisi, 2015 - 2017

Banođlu E., alıřkan B., TUBITAK Project, 5 Lipoksijenaz aktive edici protein FLAP inhibitörlerinin geliřtirilmesi, 2013 - 2016

Olđaç A., Levent S., Banođlu E., Project Supported by Other Official Institutions, Bulutta Yüksek Performanslı İla Sanal Tarama Servisi, 2013 - 2014

## Patent

Banođlu E., Olđaç A., apan İ., Kretzer C., Werz O., 5-Lipoksijenaz Aktive Edici Protein (FLAP) İnhibitörleri - 2, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2021/001958 , Initial Registration, 2021

Olđaç A., Banođlu E., Carotti A., Kretzer C., Garscha U., Werz O., Macchiarulo A., 5-Lipoksijenaz Aktive Edici Protein (FLAP) İnhibitörleri - 1, Patent, CHAPTER A Human Needs, The Invention Recourse Number: TR2020/02257 , Initial Registration, 2020

## Activities in Scientific Journals

Frontiers in Drug Discovery, Committee Member, 2021 - Continues

Journal of the Turkish Chemical Society, Section A: Chemistry, Editor, 2019 - Continues

## Memberships / Tasks in Scientific Organizations

Ankara Eczacı Odası, Member, 2019 - Continues, Turkey

Türk Eczacıları Birliđi, Member, 2019 - Continues, Turkey

European Federation for Medicinal Chemistry and Chemical Biology, Member, 2012 - Continues, Switzerland

Türk Farmasötik ve Medisinal Kimya Derneđi (TURKMEDCHEM), Member, 2012 - Continues, Turkey

Farmasötik Bilimler Ankara Derneđi (FABAD), Member, 2012 - Continues, Turkey

American Chemical Society (ACS) Division of Medicinal Chemistry, Member, 2019 - 2020, United States Of America

American Chemical Society (ACS), Member, 2019 - 2020, United States Of America

## Scientific Refereeing

BIOORGANIC CHEMISTRY, SCI Journal, March 2021

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, January 2021

JOURNAL OF THE TURKİSH CHEMİCAL SOCIETY, SECTION A: CHEMİSTRY, National Scientific Refreed Journal, December 2020

JOURNAL OF THE TURKİSH CHEMİCAL SOCIETY, SECTION A: CHEMİSTRY, National Scientific Refreed Journal, July 2020

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, June 2020

JOURNAL OF MOLECULAR GRAPHICS & MODELLING, SCI Journal, June 2020

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, May 2020

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, March 2020

Project Supported by Public Organizations in Other Countries, National Science Centre, Poland, March 2020

Journal of Research in Pharmacy, Journal Indexed in ESCI, February 2020

Springer Nature, Scientific / Professional Book Published by Renowned Publishing Houses, February 2020

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, December 2019

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, October 2019

Network Modeling Analysis in Health Informatics and Bioinformatics, Journal Indexed in ESCI, September 2019

Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, August 2019

De Gruyter, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, July 2019

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, May 2019

JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, April 2019  
JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, March 2019  
JOURNAL OF CHEMICAL INFORMATION AND MODELING, SCI Journal, March 2019  
Project Supported by Public Organizations in Other Countries, National Science Center, Poland, March 2019  
De Gruyter, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, February 2019  
TURKISH JOURNAL OF BIOCHEMISTRY-TÜRK BIYOKIMYA DERGISI, Journal Indexed in SCI-E, February 2019  
JOURNAL OF CHEMICAL INFORMATION AND MODELING, SCI Journal, January 2019  
JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, January 2019  
De Gruyter, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, October 2018  
JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, October 2018  
Network Modeling Analysis in Health Informatics and Bioinformatics, Journal Indexed in ESCI, September 2018  
JOURNAL OF THE TURKISH CHEMICAL SOCIETY, SECTION A: CHEMISTRY, National Scientific Refreed Journal, July 2018  
Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, May 2018  
Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, April 2018

### **Tasks In Event Organizations**

Olğaç A., 12th Asian Federation of Medicinal Chemistry (AFMC) International Symposium (AIMECS 2019), Scientific Congress, İstanbul, Turkey, Eylül 2019  
Olğaç A., 22nd European Symposium on Quantitative Structure-Activity Relationship (EuroQSAR 2018), Scientific Congress, Thessaloniki, Greece, Eylül 2018

### **Citations**

Total Citations (WOS):116  
h-index (WOS):7