

# Prof. YEŐİM ÖZKAN

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AGK-6879-2022

ScopusID: 7004595758

Yoksis Researcher ID: 17576

## Education Information

Doctorate, Gazi University, Saęlık Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 1995 - 2000

Postgraduate, Gazi University, Saęlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 1992 - 1995

Undergraduate, Gazi University, Eczacılık Fakóltesi, Eczacılık Pr., Turkey 1987 - 1991

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Aterosklerozda bir risk faktörü olarak total homosistein düzeylerinin önemi, Gazi University, Saęlık Bilimleri Enstitüsü, Biyokimya (Dr), 1999

Postgraduate, Akcięer kanserli hastalarda lipid peroksidasyonu, Gazi University, Saęlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 1995

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakóltesi, Temel Eczacılık Bilimleri, 2013 - Continues

Associate Professor, Gazi University, Eczacılık Fakóltesi, Temel Eczacılık Bilimleri, 2007 - 2013

Assistant Professor, Gazi University, Eczacılık Fakóltesi, Temel Eczacılık Bilimleri, 2006 - 2008

Lecturer, Gazi University, Eczacılık Fakóltesi, Temel Eczacılık Bilimleri, 2000 - 2006

Research Assistant, Gazi University, Eczacılık Fakóltesi, Temel Eczacılık Bilimleri, 1994 - 2000

## Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - Continues

Chairman of the Program Accreditation-Self-Assessment Commission, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - 2023

Head of Department, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2019 - 2022

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2019 - 2022

## Courses

METABOLİZMA VE KONTROL MEKANİZMALARI, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019

HORMON BİYOKİMYASI, Doctorate, 2017 - 2018

BİYOENERJETİK VE BİYOLOJİK OKSİDASYONLAR, Doctorate, 2016 - 2017

## Advising Theses

Özkan Y., Investigation Of Molecular Mechanism of Glycoprotein VI (GPVI) Receptor Inhibitor Candidates in Platelet Aggregation, Doctorate, S.Olğaç(Student), 2018

Özkan Y., Searching of Tryptophan Kynurenine Pathway in Cancer, Doctorate, M.ÖZHAN(Student), 2014

Özkan Y., Ülseratif kolit hayvan modelinde indolamin 2,3-dioksijenaz enzim aktivitesinin incelenmesi, Postgraduate, N.BOSTANCI(Student), 2012

Özkan Y., ROMATOİD ARTRİTTE TRİPTOFAN YIKIMI VE İMMÜN AKTİVİTE İLİŞKİSİ, Postgraduate, G.METE(Student), 2009

Özkan Y., Relation of Oxidized-LDL with Homocysteine Thiolactonase Activity in Atherosclerotic Cases, Postgraduate, A.ALTINAY(Student), 2009

## Jury Memberships

Doctorate, Doctorate, Gazi Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, January, 2022

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, March, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Biruni Üniversitesi, February, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2019

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

- I. **2-(Methyl(phenyl)amino)-N-(phenyloxyphenyl)acetamide structural motif representing a framework for selective SIRT2 inhibition**  
Kaya S. G., Eren G., Massarotti A., Bakar-Ates F., Ozkan E., Gozelle M., Ozkan Y.  
DRUG DEVELOPMENT RESEARCH, vol.85, no.4, 2024 (SCI-Expanded)
- II. **In silico approach reveals N-(5-phenoxythiophen-2-yl)-2-(arylthio)acetamides as promising selective SIRT2 inhibitors: the case of structural optimization of virtual screening-derived hits**  
GÖZELLE M., BAKAR ATEŞ F., Massarotti A., Ozkan E., Gunindi H. B., ÖZKAN Y., EREN G.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2023 (SCI-Expanded)
- III. **Hit evaluation results in 5-benzyl-1,3,4-thiadiazole-2-carboxamide based SIRT2-selective inhibitor with improved affinity and selectivity**  
Gözelle M., Kaya S. G., Aksel A. B., Özkan E., Bakar Ateş F., Özkan Y., Eren G.  
Bioorganic Chemistry, vol.123, pp.105746, 2022 (SCI-Expanded)
- IV. **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)

- V. **Indoleamine-2,3-dioxygenase-related anti-inflammatory effects of 3-aminobenzamide and infliximab in experimental colitis**  
Menekse E., Aydin S., Aydin O. U., Sahin D., Akca G., Eroglu A., Sepici Dinçel A., Özkan Y., Dolapci M.  
REVISTA DA ASSOCIACAO MEDICA BRASILEIRA, vol.68, no.3, pp.362-366, 2022 (SCI-Expanded)
- VI. **The potential of 4-aryl-6-morpholino-3(2H)-pyridazinone-2-arylpiperazinylacetamide as a new scaffold for SIRT2 inhibition: in silico approach guided by pharmacophore mapping and molecular docking**  
ŞÜKÜROĞLU M. K., GÖZELLE M., ÖZKAN Y., EREN G.  
MEDICINAL CHEMISTRY RESEARCH, vol.30, no.10, pp.1915-1924, 2021 (SCI-Expanded)
- VII. **Hit-to-lead optimization on aryloxybenzamide derivative virtual screening hit against SIRT**  
Yagci S., Gözelle M., Kaya S. G., Özkan Y., Aksel A. B., Bakar-Ates F., DüNDAR Y., Eren G.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.30, 2021 (SCI-Expanded)
- VIII. **Determination of Tryptophan and Kynurenine by LC-MS/MS by Using Amlodipine as an Internal Standard**  
Eser B., ÖZKAN Y., SEPİCİ DİNÇEL A.  
JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, vol.31, no.2, pp.379-385, 2020 (SCI-Expanded)
- IX. **Microwave-assisted synthesis and pharmacological screening of some triazolothiadiazole derivatives**  
Gorgu O., YILDIRIM E., ÖZKAN Y., Cakir B., Erol K., ÖNKOL T.  
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.56, 2020 (SCI-Expanded)
- X. **Identification of small-molecule urea derivatives as novel NAMPT inhibitors via pharmacophore-based virtual screening**  
Ozgencil F., EREN G., ÖZKAN Y., GÜNTEKİN ERGÜN S., ATALAY R.  
BIOORGANIC & MEDICINAL CHEMISTRY, vol.28, no.1, 2020 (SCI-Expanded)
- XI. **Pharmacophore modeling and virtual screening studies to identify novel selective SIRT2 inhibitors**  
Eren G., Bruno A., Guntekin-Ergun S., Atalay R., Ozgencil F., Özkan Y., Gözelle M., Kaya S. G., Costantino G.  
JOURNAL OF MOLECULAR GRAPHICS & MODELLING, vol.89, pp.60-73, 2019 (SCI-Expanded)
- XII. **Design, synthesis and biological evaluation of novel 1,3-diarylpyrazoles as cyclooxygenase inhibitors, antiplatelet and anticancer agents**  
Incel N., ÖZKAN Y., Turan N. N., KAHRAMAN D. C., ATALAY R., BAYTAŞ S.  
MEDCHEMCOMM, vol.9, no.5, pp.795-811, 2018 (SCI-Expanded)
- XIII. **Evaluation of Tryptophan/Kynurenine Pathway Relevance With Immune System Biomarkers of Low Energy Trauma Hip Fractures in Osteoporotic Patients**  
Dinçel E., Özkan Y., Sukuroglu M. K., Ozsoy H., Sepici Dinçel A.  
ARCHIVES OF RHEUMATOLOGY, vol.32, no.3, pp.203-208, 2017 (SCI-Expanded)
- XIV. **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)
- XV. **Relation of Kynurenine/Tryptophan with Immune and Inflammatory Markers in Coronary Artery Disease**  
Özkan Y., Şüküroğlu M. K., Tulmac M., Kısa Ü., Simsek B.  
CLINICAL LABORATORY, vol.60, no.3, pp.391-396, 2014 (SCI-Expanded)
- XVI. **Novel 1,3-diarylpyrazole acrylamides: synthesis, antiplatelet activity screening, and in silico evaluation studies**  
Baytaş S., Incel N., Özkan Y., Unlu S., Sahin M. F.  
MEDICINAL CHEMISTRY RESEARCH, vol.22, no.12, pp.5922-5933, 2013 (SCI-Expanded)
- XVII. **Serum homocysteine levels and sildenafil 50 mg response in young-adult male patients without vascular risk factors**

- Basar M. M., ÖZKAN Y., KISA Ü., Simsek B.  
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.50, no.3, pp.215-220, 2013 (SCI-Expanded)
- XVIII. Pyrazole derivatives as inhibitors of arachidonic acid-induced platelet aggregation**  
Levent S., ÇALIŞKAN B., Ciftci M., ÖZKAN Y., Yenicesu I., ÜNVER H., BANOĞLU E.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.64, pp.42-53, 2013 (SCI-Expanded)
- XIX. Increased kynurenine tryptophan and neopterin levels in hemodialysis.**  
Hacışevki A., Baba B., Sezer S., Özkan Y.  
Oxidation Communications, vol.36, no.1, pp.246-253, 2013 (SCI-Expanded)
- XX. The multidisciplinary approach to biochemistry laboratory education**  
Erkoc F., Sepici Dinçel A., Kayrin L., Özkan Y., Eksioğlu S., Yüksel M., Haklar G., Yavuz O., Celik H., Konuk M., et al.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.4, pp.506-512, 2013 (SCI-Expanded)
- XXI. Variability of total thiol compounds, oxidative and nitrosative stress in uncomplicated pregnant women and nonpregnant women**  
Özkan Y., Yardim-Akaydin S., Erdem O. A., Simsek B.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.285, no.5, pp.1319-1324, 2012 (SCI-Expanded)
- XXII. Synthesis, anti-inflammatory, antiplatelet and in silico evaluations of (E)-3-(3-(2,3-dihydro-3-methyl-2-oxo-3H-benzoxazole-6-yl)-1-phenyl-1H-pyrazole-4-yl)acrylamides**  
BAYTAŞ S., Dural N. N. T., ÖZKAN Y., Simsek H. B., Gursel T., Unlu S.  
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.3, pp.367-382, 2012 (SCI-Expanded)
- XXIII. Tryptophan degradation and neopterin levels in treated rheumatoid arthritis patients**  
Özkan Y., Mete G., Sepici Dinçel A., Sepici V., Simsek B.  
CLINICAL RHEUMATOLOGY, vol.31, no.1, pp.29-34, 2012 (SCI-Expanded)
- XXIV. Increased tryptophan degradation in patients with bronchus carcinoma**  
Engin A. B., ÖZKAN Y., Fuchs D., Yardim-Akaydin S.  
EUROPEAN JOURNAL OF CANCER CARE, vol.19, no.6, pp.803-808, 2010 (SCI-Expanded)
- XXV. OXIDATIVE STATUS AND SERUM HOMOCYSTEINE LEVELS WITH CORONARY ARTERY STENOSIS**  
GÖNENÇ A., Irmak S., ÖZKAN Y., Sahingeri M., Korkmaz M. E.  
IUBMB LIFE, vol.61, no.3, pp.328, 2009 (SCI-Expanded)
- XXVI. ROLE OF GLUCOCORTICOIDS DURING SEVOFLURANE ANAESTHESIA IN TOURNIQUET-INDUCED ISCHEMIA-REPERFUSION INJURY**  
Sepici-Dinçel A., Ozkan Y., Izdes S., Gozdemir M., Kanbak O.  
OXIDATION COMMUNICATIONS, vol.32, no.1, pp.226-235, 2009 (SCI-Expanded)
- XXVII. Circulating nitric oxide (NO), asymmetric dimethylarginine (ADMA), homocysteine, and oxidative status in obstructive sleep apnea-hypopnea syndrome (OSAHS)**  
Özkan Y., Firat H., Simsek B., Torun M., Yardim-Akaydin S.  
SLEEP AND BREATHING, vol.12, no.2, pp.149-154, 2008 (SCI-Expanded)
- XXVIII. The effects of raloxifene and tibolone on homocysteine and vascular histopathological changes**  
Bayram M., Ozer G., Kalender H., Kabakci N., Kisa U., ÖZKAN Y.  
CLINICAL AND EXPERIMENTAL MEDICINE, vol.7, no.4, pp.149-153, 2007 (SCI-Expanded)
- XXIX. The effect of general and regional anaesthesia on ischaemia-reperfusion injury**  
Izdes S., Sepici-Dinçel A., Gozdemir M., ÖZKAN Y., Kanbak O.  
ANAESTHESIA AND INTENSIVE CARE, vol.35, no.3, pp.451-452, 2007 (SCI-Expanded)
- XXX. Usefulness of homocysteine as a cancer marker: Total thiol compounds and folate levels in untreated lung cancer patients**  
Özkan Y., Yardim-Akaydin S., Firat H., Caliskan-Can E., Ardic S., Simsek B.  
ANTICANCER RESEARCH, vol.27, no.2, pp.1185-1189, 2007 (SCI-Expanded)
- XXXI. Assessment of homocysteine, neopterin and nitric oxide levels in Behcet's disease**  
ÖZKAN Y., Yardim-Akaydin S., Sepici A., Engin B., Sepici V., Simsek B.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.45, no.1, pp.73-77, 2007 (SCI-Expanded)
- XXXII. Oxidative status in rheumatoid arthritis**  
ÖZKAN Y., Yardim-Akaydin S., Sepici A., Keskin E., Sepici V., Simsek B.

- CLINICAL RHEUMATOLOGY, vol.26, no.1, pp.64-68, 2007 (SCI-Expanded)
- XXXIII. **The association between total antioxidant status and oxidative stress in Behcet's disease**  
Sepici-Dinçel A., ÖZKAN Y., Yardim-Akaydin S., Kaymak-Karatas G. K., Onder M., Simsek B.  
RHEUMATOLOGY INTERNATIONAL, vol.26, no.11, pp.1005-1009, 2006 (SCI-Expanded)
- XXXIV. **Increased plasma homocysteine and allantoin levels in coronary artery disease: possible link between homocysteine and uric acid oxidation**  
ÖZKAN Y., Yardim-Akaydin S., Imren E., Torun M., Simsek B.  
ACTA CARDIOLOGICA, vol.61, no.4, pp.432-439, 2006 (SCI-Expanded)
- XXXV. **Evaluation of allantoin levels as a new marker of oxidative stress in Behcet's disease**  
Yardim-Akaydin S., Sepici A., ÖZKAN Y., Simsek B., Sepici V.  
SCANDINAVIAN JOURNAL OF RHEUMATOLOGY, vol.35, no.1, pp.61-64, 2006 (SCI-Expanded)
- XXXVI. **Prevalence of zinc deficiency and immune response in short-term hemodialysis**  
Bozalioglu S., ÖZKAN Y., Turan W., Simsek B.  
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.18, no.3, pp.243-249, 2005 (SCI-Expanded)
- XXXVII. **Oxidation of uric acid in rheumatoid arthritis: Is allantoin a marker of oxidative stress?**  
Yardim-Akaydin S., Sepici A., ÖZKAN Y., Torun M., Simsek B., Sepici V.  
FREE RADICAL RESEARCH, vol.38, no.6, pp.623-628, 2004 (SCI-Expanded)
- XXXVIII. **The role of plasma thiol compounds and antioxidant vitamins in patients with cardiovascular diseases**  
Yardim-Akaydin S., Ozkan Y., Ozkan E., Torun M., Simsek B.  
CLINICA CHIMICA ACTA, vol.338, no.1-2, pp.99-105, 2003 (SCI-Expanded)
- XXXIX. **Plasma total homocysteine and cysteine levels as cardiovascular risk factors in coronary heart disease**  
Ozkan Y., Ozkan E., Simsek B.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.82, no.3, pp.269-277, 2002 (SCI-Expanded)
- XL. **Plasma malondialdehyde (MDA) levels in breast and lung cancer patients**  
Gonenc A., Ozkan Y., Torun M., Simsek B.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.26, no.2, pp.141-144, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Linker and tail group modifications on 2-((4-isopropyl-4H-1,2,4-triazol-3-yl)thio)-N-(4-phenoxyphenyl)acetamide to improve SIRT2 inhibitory potency**  
GÖZELLE M., ÖZKAN Y., EREN G.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, no.2, pp.317-332, 2024 (Scopus)
- II. **Homocysteine thiolactonase activity in coronary atherosclerosis**  
Altınay A., Kısa Ü., Tulmac M., Özkan Y.  
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.11, no.6, pp.634-638, 2020 (ESCI)
- III. **Neopterin: A possible biomarkers in gastrointestinal cancer**  
HACIŞEVKİ A., BABA B., aslan s., ÖZKAN Y.  
Journal of Faculty of Pharmacy ankara, vol.42, no.2, pp.32-41, 2018 (Peer-Reviewed Journal)
- IV. **Neopterin: A possible biomarker in gastrointestinal cancer**  
HACIŞEVKİ A., Baba B., Aslan S., ÖZKAN Y.  
Ankara Universitesi Eczacilik Fakultesi Dergisi, vol.42, no.2, pp.32-41, 2018 (Scopus)
- V. **Retinal Ganglion Cell Protection Via Topical and Systemic Alpha-Tocopherol Administration in Optic Nerve Crush Model of Rat**  
Aktaş Z., Özmen M. C., Uyar Göçün F. P., Değim Z., Özkan Y., ÖnoI M.  
TURK OFTALMOLOJİ DERGİSİ-TURKISH JOURNAL OF OPHTHALMOLOGY, vol.43, no.3, pp.161-166, 2013 (ESCI)
- VI. **An Evaluation of Serum Retinol and Carotene Levels and the Risk of Breast Cancer**  
HACIŞEVKİ A., ÖZKAN Y., GÖNENÇ A., Şimşek B., TORUN F. M.

- Journal of Faculty of Pharmacy of Gazi University, vol.20, no.2, pp.87-94, 2003 (Peer-Reviewed Journal)
- VII. **Ascorbic acid and alpha tocopherol levels in breast cancer patients**  
HACIŞEVKİ A., ÖZKAN Y., Şimşek B., TORUN F. M.  
Journal of faculty of Pharmacy of Gazi University, vol.19, no.2, pp.113-119, 2002 (Peer-Reviewed Journal)
- VIII. **Serum Vitamin E and Malondialdehyde levels in Cases with Head and Neck Cancer**  
ÖZKAN Y., Solak S., Şimşek B., TORUN F. M.  
FABAD Journal of Pharmaceutical science, vol.3, no.23, pp.105-109, 1998 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Reseptörler: Yapı ve İşlevi**  
ŞÜKÜROĞLU M. K., ÖZKAN Y.  
in: Medisinal Kimya Giriş, Prof. Dr. Öztekin Algül, Editor, Ankara Nobel Tıp Kitapevleri, Ankara, pp.44-60, 2021
- II. **RESEPTÖRLER: YAPI VE İŞLEVİ**  
ŞÜKÜROĞLU M. K., ÖZKAN Y.  
in: MEDİSİNAL KİMYA GİRİŞ, PROF. DR. ÖZTEKİN ALGÜL, Editor, NOBEL TIP YAYINEVİ, Ankara, pp.44-60, 2021
- III. **Pürin ve Pirimidin Nükleotitlerinin Metabolizması**  
ÖZKAN Y.  
in: Harper'ın Resimli Biyokimyası, Doğan Yücel, Editor, Güneş Tıp Kitapevi, Ankara, pp.327-337, 2019
- IV. **Nükleotitler**  
ÖZKAN Y.  
in: Harper'ın Resimli Biyokimyası, Doğan Yücel, Editor, Güneş Tıp Kitapevi, Ankara, pp.319-326, 2019
- V. **Nükleik asit Yapı ve Fonksiyonu**  
ÖZKAN Y.  
in: Harper'ın Resimli Biyokimyası, Doğan Yücel, Editor, Güneş Tıp Kitapevi, Ankara, pp.338-349, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ariloksaril Asetamid Yapısında Sirtuin İnhibitörü Olabilecek Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları**  
KAYA S. G., ÖZKAN Y., BAKAR ATEŞ F., ÖZKAN E., EREN G.  
VII. Ulusal Farmasötik Kimya Kongresi, İzmir, Turkey, 26 - 28 October 2024
- II. **N-(5-(3-Methoxybenzyl)/(pyrimidin-2-yl-methyl))-1,3,4-oxadiazol-2-yl)-2-(arylthio)acetamide Derivatives as SIRT2 Inhibitors**  
AKSEL A. B., ÖZKAN Y., EREN G.  
9th EFMC Young Medicinal Chemists' Symposium (EFMC-YMCS 2022), Nice, France, 8 - 09 September 2022
- III. **In Silico Hit Optimization toward SIRT2 Inhibition: N-aryloxyaryl-2-(arylthio)acetamides**  
KAYA S. G., ÖZKAN Y., EREN G.  
9th EFMC Young Medicinal Chemists' Symposium (EFMC-YMCS 2022), Nice, France, 8 - 09 September 2022
- IV. **Yeni Nikotinamid Fosforiboziltransferaz (NAMPT) İnhibitör Adaylarının Sanal Tarama Yöntemi ile Keşfi ve Biyolojik Etkilerinin Belirlenmesi**  
ÖZGENÇİL F., ÖZKAN Y., EREN G.  
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 26 - 29 August 2022
- V. **Ariloksi Benzamid Yapısında Sirtuin İnhibitörü Olabilecek Bileşiklerin Tasarımı, Sentezi ve Biyolojik Aktivite Çalışmaları**  
YAĞCI S., GÖZELLE M., ÖZKAN Y., BAKAR ATEŞ F., EREN G.  
VI. Ulusal Farmasötik Kimya Kongresi, İstanbul, Turkey, 26 - 29 August 2022
- VI. **IN SILICO HIT OPTIMIZATION TOWARD SIRT2 INHIBITION: N-ARYLOXYARYL-2-(ARYLTHIO)ACETAMIDES**

- KAYA S. G., ÖZKAN Y., EREN G.  
EFMC-YMCS 9th Young Medicinal Chemists' Symposium, Nice, France, 08 September 2022
- VII. **SIRT2 Inhibitory Activities of N-Aryloxyphenyl-2-(arythio)acetamide Derivatives**  
KAYA S. G., ÖZKAN Y., EREN G.  
GPSS-2021, 3rd International Gazi Pharma Symposium Series, Turkey, 8 - 10 September 2021
- VIII. **N-(5-Arylmethyl-1,3,4-oxadiazole-2-yl)-2-(arythio)acetamide as a New Scaffold for Developing Small-molecule SIRT Inhibitors**  
AKSEL A. B., ÖZKAN Y., EREN G.  
GPSS-2021, 3rd International Gazi Pharma Symposium Series, Turkey, 8 - 10 September 2021
- IX. **Discovery of 5-Benzyl-1,3,4-oxadiazole/thiadiazole-2-carboxamides as Potential Leads for Selective SIRT2 Inhibition**  
GÖZELLE M., ÖZKAN Y., EREN G.  
GPSS-2021, 3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- X. **Determination of tryptophan and kynurenine by LC-MS/MS by using amilodipine as internal standard**  
Eser B., ÖZKAN Y., SEPİCİ DİNÇEL A.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019, Antalya, Turkey, 27 - 31 October 2019, vol.44, pp.69
- XI. **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
- XII. **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
- XIII. **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
- XIV. **ANTIPLATELET ACTIVITY OF ISOLATED FLAVONOLS FROM *SALSOLA GRANDIS* AERIAL PARTS**  
KÜÇÜKBOYACI N., ÇALIŞ İ., ÖZKAN Y., OLĞAÇ S.  
ISOPS 12th, 26 - 29 June 2018
- XV. **ANTIPLATELET ACTIVITY OF LIGNANS FROM *TAXUS BACCATA***  
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- XVI. **In Vitro Antiplatelet Studies on Virtually Discovered GPVI Drug Candidates**  
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- XVII. **Investigation of Serum Uric Acid and Allantoin Levels in Patients With Obstructive Sleep Apnea Hypopnea Syndrome**  
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- XVIII. **Investigation of Novel Platelet Receptor GPVI Inhibitor Candidates**  
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2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- XIX. **Uyku apne hipopne sendromlu hastalarda serum ürik asit ve allantoin düzeylerinin incelenmesi**  
AKAYDIN S., SALİHOĞLU E., Fırat H., ARDIÇ S., ÖZKAN Y., TORUN F. M., ŞİMŞEK B.  
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- XX. **Neopterin:maligmitelerde prognostik bir belirteç**  
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- TBD Biyokimya Günleri, Turkey, 2 - 05 November 2016, vol.40
- XXI. **Neopterin: A Prognostic marker in human malignancies**  
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- XXII. **Structure Based Virtual Screening to Discover Platelet GPVI Inhibitors**  
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- XXIII. **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
- XXIV. **Antiplatelet Etkide Yeni Hedef Sinyal Yolakları**  
ÖZKAN Y.  
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- XXV. **Biyokimya laboratuvar eğitiminde inovasyon çalışmaları**  
YÜKSEL M., SEPİCİ DİNÇEL A., ÖZKAN Y., KAYRIN L.  
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- XXVI. **THE EFFECTS OF INFLIXIMAB AND 3 AMINOBENZAMIDE ON INDOLAMINE 2 3 DIOXYGENASE IDO ENZYME IN TNBS INDUCED COLITIS MODEL**  
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- XXVII. **DESIGN SYNTHESIS AND EVALUATION OF NOVEL 1 3 DIARYLPYRAZOLES AS DUAL COX TXS INHIBITORS**  
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- XXIX. **Indolamine 2 3 dioxygenase related metabolic effects of 3 aminobenzamide and infliximab in lung tissue of experimental colitis model**  
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- XXX. **Homocysteine Theory Past and Future Perspective**  
ÖZKAN Y.  
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- XXXI. **Compounds Having Antiplatelet Activity: 3(2H) pyridazinone**  
ŞÜKÜROĞLU M. K., ÖZKAN Y.  
European Platelet Network 2nd EUPLAN Conference, Le Bischenberg, France, 24 September 2014
- XXXII. **Multidisiplinary biochemistry laboratory education; student centered real learning process**  
SEPİCİ DİNÇEL A., Ozkan Y., Selvi M., Erkoc F.  
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.428
- XXXIII. **Metastatik ve Non-metastatik meme kanserli hastalarda kinürenin/triptofan oranı**  
Arslan M. Ö., Özkan Y., Özaslan C., Yalçıntaş Arslan Ü.  
XXV. Ulusal Biyokimya Kongresi, İzmir, Turkey, 3 - 06 September 2013, vol.38, pp.249-0
- XXXIV. **Koronar 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 S., OLĞAÇ A., GÖRAL Ş., ÖZKAN Y., Project Supported by Higher Education Institutions, Platelet Antagonistlerinin GPVI ve CLEC2 Reseptörleri Yönünden Mekanizmalarının İncelenmesi, 2024 - Continues

Eren G., Aksel A. B., Özkan Y., TÜBİTAK Project, SIRT2 İnhibisyon Potansiyelini Geliştirmek Amacıyla Lider Molekül Üzerinde Gerçekleştirilen Yapısal Modifikasyonlar, 2023 - 2024

Olğaç S., Özkan Y., TÜBİTAK Project, Antiplatelet Etkili Aday Bileşiklerin Etki Mekanizmasının Araştırılması, 2023 - 2024

Kaya S. G., Eren G., Özkan Y., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Yeni 2,7-Disübstitüe 9H-Fluoren-9-on Türevleri: Tasarımı, Sentezi ve SIRT2 İnhibitör Etkilerinin Araştırılması, 2022 - 2024

EREN G., ÖZGENCİL F., AKSEL A. B., ÖZKAN Y., GÖZELLE M., BAKAR ATEŞ F., KAYA S. G., ÖZKAN E., Project Supported by Higher Education Institutions, Öncü Bileşik Optimizasyonu ile Yeni Selektif SIRT2 İnhibitörlerinin Geliştirilmesi, 2021 - 2024

Eren G., Gözelle M., Özkan Y., Bakar Ateş F., Kaya S. G., Aksel A. B., Özgencil F., Project Supported by Higher Education Institutions, Öncü Bileşik Optimizasyonu ile Yeni Selektif SIRT2 İnhibitörlerinin Geliştirilmesi, 2021 - 2023

Eren G., Gözelle M., Özkan Y., Bakar Ateş F., TÜBİTAK Project, Yeni Selektif SIRT2 İnhibitörlerinin Tasarımı, Sentezi, Biyolojik Aktivitelerinin Tayini ve Yapı-Etki İlişkilerinin İncelenmesi, 2018 - 2022

ÖZKAN Y., Project Supported by Higher Education Institutions, Alfa-Galaktozidaz Eksikliği Tanı ve Takibinde Kullanılmak Üzere Lizoglobotriasiloseramid (lyso-Gb3) Düzeyi Ölçümü için Likit Kromatografisi -Ardışık Kütle Spektrometrisi (LC-MS/MS) Metodu Geliştirilmesi ve Validasyonu, 2018 - 2021

Özkan Y., Olğaç S., Şüküroğlu M. K., Yenicesu İ., TÜBİTAK Project, Platelet Agregasyonunda Glikoprotein IV (GPVI) Yolağının Moleküler Etki Mekanizmasının Araştırılması, 2017 - 2020

Özkan Y., Eren G., Gözelle M., Project Supported by Higher Education Institutions, Sanal Tarama Yöntemi İle Ulaşılan Sirtuin İnhibitörü Olabilecek Bileşiklerin Biyolojik Aktivitelerinin Belirlenmesi, 2017 - 2019

Küçükboyacı N., Ayaz F., Özkan Y., Olğaç S., Project Supported by Higher Education Institutions, Chrysophthalmum montanum (DC.) Boiss. Bitkisinin Biyolojik Aktiviteleri Bakımından İncelenmesi, 2017 - 2018

ÖZKAN Y., Project Supported by Higher Education Institutions, Metastatik ve non-metastatik meme kanserinde DNA metilasyonunun incelenmesi, 2012 - 2015

Doğruer D. S., Özkan Y., Kılıç B., Project Supported by Higher Education Institutions, Bazı 2-Sübstitüe/2,4-Disübstitüe Fitalazinon Türevlerinin Sentezi ve Antimikrobiyal Aktivitelerinin İncelenmesi, 2012 - 2015

ÖZKAN Y., Project Supported by Higher Education Institutions, Metastatik ve non metastatik meme kanserinde DNA metilasyonunun incelenmesi, 2012 - 2015

ÖZKAN Y., Project Supported by Higher Education Institutions, Kanserde triptofan kinürenin yolağının incelenmesi, 2010 - 2013

ÖZKAN Y., Project Supported by Higher Education Institutions, 2 substitüe 3 H piridazinon türevi bileşiklerin sentezi ve biyolojik etkilerinin incelenmesi, 2010 - 2013

ÖZKAN Y., SEPİCİ DİNÇEL A., Project Supported by Higher Education Institutions, Kalça Kırık Etiyolojisinde Triptofan Kinürenin Yolağının İncelenmesi, 2011 - 2012

ÖZKAN Y., Project Supported by Higher Education Institutions, ÜLSERATİF KOLİT HAYVAN MODELİNDE INDOLAMİN 2,3-DİOKSİJENAZ (IDO) ENZİM AKTİVİTESİNİN İNCELENMESİ, 2010 - 2012

SEPİCİ DİNÇEL A., ÖZKAN Y., Project Supported by Higher Education Institutions, Ülseratif kolit hayvan modelinde indolamin 2 3 dioksijenaz enzim aktivitesinin incelenmesi, 2010 - 2012

SEPİCİ DİNÇEL A., ÖZKAN Y., AKCA G., Project Supported by Higher Education Institutions, Deneysel Kolit Modelinde 3-aminobenzamid ve İnfliximabın Tedavide Antiinflamatuvar Potansiyelize Edici Etkilerinin İncelenmesi, 2010 - 2012

ÖZKAN Y., Project Supported by Higher Education Institutions, ATEROSKLEROZDA TRİPTOFAN/KİNÜRENİN YOLAĞININ İNCELENMESİ, 2010 - 2012

ÖZKAN Y., Project Supported by Higher Education Institutions, Aterosklerozda triptofan kinürenin yolağının incelenmesi, 2010 - 2012

SEPİCİ DİNÇEL A., ÖZKAN Y., Project Supported by Higher Education Institutions, Biyokimya Laboratuvar Eğitimi İçin Modül Geliştirilmesi, 2010 - 2011

ÖZKAN Y., Project Supported by Higher Education Institutions, Antiplatelet ve antiinflamatuvar aktivite gösterebilecek yeni 1 3 diaril pirazol türevlerinin sentezi ve biyolojik aktivitelerinin tayini, 2009 - 2011

ÖZKAN Y., Project Supported by Higher Education Institutions, İMMUNOİNFLAMATUVAR HASTALIKLARDA TRİPTOFAN YIKIMI, İMMUN AKTİVİTE VE OKSİDATİF STRES İLİŞKİSİ, 2009 - 2010

SEPİCİ DİNÇEL A., ÖZKAN Y., Project Supported by Higher Education Institutions, İmmunoinflamatuvar hastalıklarda triptofan yıkımı immün aktivite ve oksidatif stres ilişkisi, 2009 - 2010

Şimşek H. B., Akaydın S., Fırat İ. H., Özkan Y., Can E., Ardiç S., Project Supported by Higher Education Institutions, Investigation of Oxidative Stres Markers and HDL-Paraoxonase 1 Enzyme Activity in Metabolic Syndrome Patients, 2006 - 2010

ÖZKAN Y., Project Supported by Higher Education Institutions, Aterosklerotik olgularda homosistein tiyolaktonaz enzim aktivitesinin incelenmesi, 2006 - 2009

ÖZKAN Y., Project Supported by Higher Education Institutions, diaril pirazol yapısında antiplatelet ve antiinflamatuvar aktivite gösterebilecek yeni bileşik sentezi ve aktivite tayinleri üzerine çalışmalar, 2006 - 2009

ÖZKAN Y., Project Supported by Higher Education Institutions, Romatoid artritte HDL-paraoksonaz 1 (HDL-PON) enzim aktivitesi üzerinde homosistein, oksidatif stres ve HDL-PON1 genetik polimorfizmin etkileri, 2004 - 2006

ÖZKAN Y., Project Supported by Higher Education Institutions, Paraxonaz 1 HDL PON1 enzim aktivitesi üzerine homosistein oksidatif stres ve HDL PON1 genetik polimorfizminin etkileri, 2004 - 2006

ÖZKAN Y., AKAYDIN S., TUBITAK Project, Obstrüktif uyku apne sendromunda oksidatif stresin değerlendirilmesi, 2004 - 2005

ÖZKAN Y., Project Supported by Higher Education Institutions, Hamilelik süresince plazma total homosistein, nitrik oksit ve lipid peroksit düzeylerindeki değişiklikler, 2001 - 2004

ÖZKAN Y., AKAYDIN S., Project Supported by Higher Education Institutions, Hamilelik süresince plazma total homosistein nitrik oksit ve lipid peroksidasyon düzeylerindeki değişiklikler, 2001 - 2004

## Activities in Scientific Journals

TURKISH JOURNAL OF BIOCHEMISTRY, Assistant Editor/Section Editor, 2019 - 2020

## Memberships / Tasks in Scientific Organizations

Life Sciences Society, Member, 2015 - Continues, Turkey

Türk Biyokimya Derneği, Member, 2012 - Continues, Turkey

FABAD Farmasötik Bilimler Ankara Derneği, Member, 2000 - Continues, Turkey

Life Sciences Society, Board Member, 2015 - 2018, Turkey

## Metrics

Publication: 90

Citation (WoS): 878

Citation (Scopus): 978

H-Index (WoS): 16

H-Index (Scopus): 16

## Awards

Sepici Dinçel A., Özkan Y., Selvi M., Erkoç F., FEBS-EMBO 2014 Paris Congress Poster Award on "Molecular Life Science Education" "Poster Ödülü, Febs-Embo , September 2014

## Non Academic Experience

Michigan State University