

# Prof. SEVGİ YARDIM

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AHB-3268-2022

ScopusID: 8062027800

Yoksis Researcher ID: 51921

## Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 1992 - 1999

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 1990 - 1992

Undergraduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1985 - 1989

## Dissertations

Doctorate, Akciğer kanseri vakalarında ürik asit-allantoin oranının potansiyel marker olarak incelenmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), 1998

Postgraduate, Akut miyokard enfarktüs ve aterosklerotik kalp hastalarında serum beta karoten düzeylerinin değerlendirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 1992

## Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Biochemistry

## Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2012 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2006 - 2012

Assistant Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2002 - 2006

Research Assistant, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 1990 - 2002

## Academic and Administrative Experience

Rectorate Commissioner, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2023 - Continues

Member of Department Strategic Planning Commission, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2019 - 2023

Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2016 - 2019

Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - 2017

## Courses

### Doctorate

ENZİM KİNETİĞİ, Doctorate, 2017 - 2018, 2016 - 2017

### Postgraduate

ENZİMOLOJİ, Postgraduate, 2017 - 2018, 2016 - 2017

BİYOMEMBRANLAR, Postgraduate, 2017 - 2018

BİYOKİMYASAL ANALİZ TEKNİKLERİ, Postgraduate, 2017 - 2018

KLİNİK BİYOKİMYA, Postgraduate, 2017 - 2018

Nükleik Asitlerin Yapı, Fonksiyon ve Metabolizmaları, Postgraduate, 2017 - 2018, 2016 - 2017

BİYOKİMYADA ARAŞTIRMA TEKNİKLERİ-UYGULAMA, Postgraduate, 2017 - 2018, 2016 - 2017

BİYOKİMYADA ARAŞTIRMA TEKNİKLERİ, Postgraduate, 2017 - 2018, 2016 - 2017

### Undergraduate

ARAŞTIRMA PROJESİ, Undergraduate, 2017 - 2018, 2016 - 2017

BİYOKİMYA-TEORİK, Undergraduate, 2017 - 2018, 2016 - 2017

BİYOKİMYA-UYGULAMA, Undergraduate, 2017 - 2018, 2016 - 2017

## Supervised Theses

Akaydın S., Ergenlik Polikistik Over Sendromunda Serum Endotrofin Seviyelerinin Biyobelirteç Potansiyelinin Araştırılması, Doctorate, Ç.EMİRAL(Student), Continues

Akaydın S., Çoklu Doymamış Yağ Asitlerinin İnsan SH-SY5Y Hücrelerinde Aβ1-42 Toksisitesiyle Oluşturulan Alzheimer Modelindeki Etkilerinin İn Vitro Yöntemlerle Araştırılması, Doctorate, M.Pınar(Student), 2024

Akaydın S., Obez Çocuklarda Serum Adipokin Hormon Düzeylerinin Obezitenin Derecesi ve Bazı Belirteçleriyle İlişkisinin İncelenmesi, Postgraduate, M.DEMİRBİLEK(Student), 2022

Akaydın S., Metastatik Kolorektal Kanser Olgularında Eş Zamanlı Uygulanan 5-Fluorourasil ve Proton Pompa İnhibitörlerinin Kan Düzeyleri Arasındaki İlişkinin İncelenmesi, Specialty In Pharmacy, D.MERVE(Student), 2022

Akaydın S., Meme Hücre Hatlarında GGT1, GGT5 ve GGT7 Genlerinin Susturulmasının Gama Glutamil Transferaz Enziminin Fonksiyonları Üzerine Etkilerinin İncelenmesi, Doctorate, S.RAMAZANOĞLU(Student), 2022

AKAYDIN S., Meme kanserinin moleküler alt tiplerinde DNA hasarı onarımında tıp60 proteininin rolünün incelenmesi, Doctorate, E.SALİHOĞLU(Student), 2018

AKAYDIN S., Meme kanserli hastalarda GGT5 ve GGT7 ekspresyonlarının incelenmesi, Postgraduate, D.GÜNGÖR(Student), 2018

Akaydın S., Mide ve Kolorektal Kanserde GGT Gen Ekspresyonları , Postgraduate, C.DEVİREN(Student), 2014

AKAYDIN S., Regulation of telomerase activity in cancer, Doctorate, E.ÇALIŞKAN(Student), 2012

AKAYDIN S., ..., Postgraduate, Ç.GÜRİSOY(Student), 2012

AKAYDIN S., Analysis of 3-nitrotyrosine levels in lung cancer patients, Postgraduate, O.EMRE(Student), 2012

AKAYDIN S., Evaluation of antioxidant activity of various herbal folk medicine, Postgraduate, E.MİSER(Student), 2011

AKAYDIN S., Obstrüktif uyku apne sendromunda nitrotirozin düzeylerinin incelenmesi, Postgraduate, E.ÇAKMAK(Student), 2010

AKAYDIN S., AGIR OBSTRÜKTİF UYKU APNELİ HASTALARDA OKSİDATİF STRES-İNFLAMASYON İLİŞKİSİNİN İNCELENMESİ, Postgraduate, F.GÖKALP(Student), 2008

AKAYDIN S., Akciğer kanserli hastalarda oksidatif DNA hasarı, lipid peroksidasyonu ve antioksidan ilişkisinin incelenmesi, Postgraduate, E.ÇALIŞKAN(Student), 2006

## Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İzmir Katip Çelebi Üniversitesi, December, 2023  
Doctorate, Doctorate, Gazi Üniversitesi, January, 2023

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

- I. **Evaluation of Breast Cancer Gene Type 1 (BRCA1) Protein Levels in Cancer Tissue Using Surface-Enhanced Raman Spectroscopy**  
Salihoğlu E., İlhan H., Tamer U., Akaydın S.  
APPLIED SPECTROSCOPY, vol.79, no.3, pp.458-464, 2024 (SCI-Expanded)
- II. **The effect of silencing the Tip60 gene on the response to radiotherapy in breast cancer cells**  
SALİHOĞLU E., KARAHALİL B., Eşmakaya M. A., TAMER U., Yardim-Akaydin S.  
BREAST, vol.69, pp.507-512, 2023 (SCI-Expanded)
- III. **Investigation of mRNA Expression Levels of Tip60 and Related DNA Repair Genes in Molecular Subtypes of Breast Cancer.**  
Salihoğlu E., Demokan S., Karanlık H., Karahalil B., Önder S., Cömert S., Akaydın S.  
CLINICAL BREAST CANCER, vol.23, no.2, pp.125-134, 2023 (SCI-Expanded)
- IV. **New therapy strategies in the management of breast cancer**  
Yardıma-Akaydin S., Karahalil B., Nacak Baytas S.  
DRUG DISCOVERY TODAY, vol.27, no.6, pp.1755-1762, 2022 (SCI-Expanded)
- V. **Individual susceptibility has a major impact on strong association between oxidative stress, defence systems and Parkinson's disease**  
Karahalil B., Miser Salihoğlu E., Elkama A., Orhan G., Saygın E., Akaydin Yardim S.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.130, no.1, pp.158-170, 2022 (SCI-Expanded)
- VI. **An overview of microtubule targeting agents for cancer therapy**  
Karahalil B., Akaydın S., Baytaş S.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, no.3, pp.160-172, 2019 (SCI-Expanded)
- VII. **Normal and Tumour Tissue mRNA Expressions of Telomerase Complex Genes in Several Types of Cancer**  
Can E., Atalay M. C., Salihoğlu E., Arslan U. Y., Simsek H. B., Akaydın S.  
BALKAN MEDICAL JOURNAL, vol.34, no.3, pp.269-274, 2017 (SCI-Expanded)
- VIII. **Alteration of serum levels of inflammatory cytokines and polysomnographic indices after uvulopalatal flap surgery in obstructive sleep apnea**  
Mutlu M., Vuralkan E., Akin I., Firat H., Ardic S., AKAYDIN S., Miser E.  
Ear, Nose and Throat Journal, vol.96, no.2, pp.65-68, 2017 (SCI-Expanded)
- IX. **SERUM NITROTYROSINE AND NITRIC OXIDE MEASUREMENTS IN OBSTRUCTIVE SLEEP APNEA SYNDROME**  
Cakmak E., Yardim-Akaydin S., Caliskan-Can E., Firat H., Ardic S.  
OXIDATION COMMUNICATIONS, vol.38, pp.2064-2075, 2015 (SCI-Expanded)
- X. **Effects of adenoid/tonsillectomy on inflammatory response in snoring children with witnessed apnoea**  
Mutlu M., Vuralkan E., Akaydin Y. S., Akin I., Miser E.  
CLINICAL OTOLARYNGOLOGY, vol.39, no.5, pp.266-271, 2014 (SCI-Expanded)
- XI. **Changes in serum levels of MDA and MMP-9 after UPF in patients with OSAS**  
Vuralkan E., Mutlu M., Firat I. H., AKAYDIN S., Sagit M., Akin I., Miser E., Ardic S.  
European Archives of Oto-Rhino-Laryngology, vol.271, no.5, pp.1329-1334, 2014 (SCI-Expanded)
- XII. **Lipid peroxidation and DNA damage in apnea patients with or without metabolic syndrome**  
Yardim-Akaydin S., Caliskan-Can E., Gokalp F., Firat H., Ardic S., Simsek H. B.

- SLEEP AND BIOLOGICAL RHYTHMS, vol.11, no.2, pp.116-124, 2013 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **Increased levels of 8-hydroxydeoxyguanosine and its relationship with lipid peroxidation and antioxidant vitamins in lung cancer**  
Caliskan-Can E., Firat H., Ardic S., Simsek B., Torun M., Yardim-Akaydin S.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.46, no.1, pp.107-112, 2008 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **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, no.1, pp.73-77, 2007 (SCI-Expanded)
- XX. **The association between total antioxidant status and oxidative stress in Behcet's disease**  
Sepici-Dincel 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)
- XXI. **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)
- XXII. **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)
- XXIII. **Urate oxidation during percutaneous transluminal coronary angioplasty and thrombolysis in patients with coronary artery disease**  
Yardim-Akaydin S., Kesimer M., Imren E., Sepici A., Simsek B., Torun M.  
CLINICA CHIMICA ACTA, vol.362, pp.131-137, 2005 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **Serum uric acid levels in cardiovascular diseases**  
Torun M., Yardim S., Simsek B., Burgaz S.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.23, no.1, pp.25-29, 1998 (SCI-Expanded)
- XXVII. **Serum carotenoids and uric acid levels in relation to cancer**

- Burgaz S., Torun M., Yardim S., Sargin H., Orman M., Ozdamar N.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.21, no.5, pp.331-336, 1996 (SCI-Expanded)
- XXVIII. **Serum levels of vitamin E in relation to cardiovascular diseases**  
Torun M., Avci N., Yardim S.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.20, no.6, pp.335-340, 1995 (SCI-Expanded)
- XXIX. **SERUM BETA-CAROTENE, VITAMIN-E, VITAMIN-C AND MALONDIALDEHYDE LEVELS IN SEVERAL TYPES OF CANCER**  
TORUN M., YARDIM S., GONENC A., SARGIN H., MENEVSE A., SIMSEK B.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.20, no.5, pp.259-263, 1995 (SCI-Expanded)
- XXX. **SERUM SELENIUM LEVELS IN VARIOUS CANCER TYPES**  
TORUN M., ALDEMİR H., YARDIM S.  
TRACE ELEMENTS AND ELECTROLYTES, vol.12, no.4, pp.186-190, 1995 (SCI-Expanded)
- XXXI. **EVALUATION OF SERUM BETA-CAROTENE LEVELS IN PATIENTS WITH CARDIOVASCULAR-DISEASES**  
TORUN M., YARDIM S., SARGIN H., SIMSEK B.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.19, no.1, pp.61-63, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of the Effects of Polyunsaturated Fatty Acid Ratios in Human SH-SY5Y Cells by in vitro Methods**  
Elçi M. P., Fatsa T., Ören S., SALİHOĞLU E., Akaydin S.  
Turkish Journal of Pharmaceutical Sciences, vol.22, no.1, pp.10-18, 2025 (ESCI)
- II. **Serum Adipsin Levels in Obese and Normal Weight Adolescents with Polycystic Ovary Syndrome**  
Emiral Ç., Akaydin S., Buluş A. D., Yaşartekin Y.  
Journal of Gazi University Health Sciences Institute, vol.6, no.3, pp.107-116, 2024 (Peer-Reviewed Journal)
- III. **CHYMOTRYPSIN, UREASE INHIBITORY AND ANTIOXIDANT ACTIVITIES OF SOME DÜZCE FOLK MEDICINES**  
Günbatan T., Salihoğlu E., Gürbüz İ., Akaydin S., Akaydin G.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.47, no.2, pp.637-649, 2023 (Scopus)
- IV. **Malva neglecta Wallr. Bitkisinin Kimotripsin, Üreaz İnhibe Edici ve Antioksidan Aktivitesi**  
Günbatan T., Salihoğlu E., Akaydin S., Akaydin G., Gürbüz İ.  
Mersin Üniversitesi Tıp Fakültesi Lokman Hekim Tıp Tarihi ve Folklorik Tıp Dergisi, vol.13, no.2, pp.459-468, 2023 (Peer-Reviewed Journal)
- V. **Leukotriene D4 Levels in Patients With Breast Cancer**  
Akaydin S., Ramazanoğlu S., Salihoğlu E., Karanlık H., Demokan S.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.47, no.2, pp.323-330, 2022 (Scopus)
- VI. **COMPARISON OF THE PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY IN PEPPERMINT PLANT ACCORDING TO THE DRYING METHOD**  
Salihoğlu E., Şimşek H. B., Çayır E., Çayır E., Akaydin S.  
ANKARA UNIVERSİTESİ ECZACILIK FAKÜLTESİ DERGISİ, vol.46, no.2, 2022 (Scopus)
- VII. **mRNA Expressions of Specific Gamma-Glutamyl Transferases in Molecular Subtypes of Breast Cancer**  
Güngör D., Salihoğlu E., Demokan S., Karanlık H., Akaydin S.  
Athens Journal of Health and Medical Sciences, vol.6, pp.1-13, 2020 (Peer-Reviewed Journal)
- VIII. **Correlation Between Gamma-Glutamyl Transferase Activity and Glutathione Levels in Molecular Subgroups of Breast Cancer**  
Akaydin S., Salihoğlu E., Gungor D. G., Karanlık H., Demokan S.  
EUROPEAN JOURNAL OF BREAST HEALTH, vol.16, no.1, pp.72-76, 2020 (ESCI)
- IX. **Serum Levels of Myeloperoxidase and Its Relationship with 3-Nitrotyrosine in Lung Cancer.**  
Akaydin S., Can E., Salihoğlu E., İnselöz E., Fırat H., Ardiç S.  
OXIDATION COMMUNICATIONS, vol.40, no.2, pp.753-761, 2017 (Scopus)

- X. **mRNA Expressions of Gamma-Glutamyl Transferase Genes in Different Types of Cancer.**  
Akaydın S., Deviren C., Salihođlu E., Can E., Atalay M. C.  
FABAD J Pharm Sci, vol.42, pp.21-28, 2017 (Peer-Reviewed Journal)
- XI. **Influence of Gender on C Reactive Protein Fibrinogen and Erythrocyte Sedimentation Rate in Obstructive Sleep Apnea**  
Yardıđ Akaydın S., Caliskan Can E., Fırat H., Ardic S., Simsek B.  
Antiinflamm Antiallergy Agents Med Chem, vol.13, no.1, pp.56-63, 2014 (Peer-Reviewed Journal)
- XII. **Association of obstructive sleep apnea with homocystein Nitric oxide and total antioxidant capacity levels in patients with or without coronary artery disease**  
ORTAÇ ERSOY E., FIRAT H., AKAYDIN S., OZKAN Y., DURUSU M., DARILMAZ YUCE G., ERGUN R., TOPELI A., ARDIC S.  
Tuberkuloz ve Toraks, vol.62, no.3, pp.207-214, 2014 (Scopus)
- XIII. **Evaluation of Antioxidant Activity of Various Herbal Folk Medicines**  
Salihođlu E., Akaydın G., Can E., Akaydın S.  
Journal of Nutrition & Food Sciences., vol.3, no.5, pp.1-9, 2013 (Peer-Reviewed Journal)
- XIV. **DNA Damage and Lipid Peroxidation in Several Types of Cancer**  
Can E., Salihođlu E., Atalay C., Yalçintaş Aslan Ü., Şimşek B., Akaydın S.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.35, no.3, pp.125-132, 2010 (Scopus)
- XV. **Evaluation Of Antioxidant Activity Of Various Herbal Folk Evaluation Medicine**  
Salihođlu E., Akaydın G., Can E., Akaydın S.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.35, no.2, pp.59-68, 2010 (Scopus)
- XVI. **Examination of The Relationship Between DNA Damage and Inflammation in Primary Non Small Cell Lung Cancer Patients**  
Yardıđ Akaydın S., Caliskan Can E., Fırat H., Simsek B.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.34, no.3, pp.137-144, 2009 (Scopus)
- XVII. **Çeşitli kanser vakalarında serum MDA düzeyleri**  
Torun F. M., Yardıđ S., Gönenc A., Sargin H.  
Biyokimya dergisi , vol.20, no.1, pp.1-7, 1995 (Peer-Reviewed Journal)
- XVIII. **Serum malondialdehyde vitamin E and carotene levels in breast cancer Pharm Sci 1 63 65 1995**  
TORUN F. M., GONENC A., YARDIM S., SARGIN H., MENEVSE A., SIMSEK B.  
Pharmaceutical Biology, vol.1, pp.63-65, 1995 (Scopus)
- XIX. **Serbest radikallerin kalpdamar hastalıkları ile ilişkisi ve savunma mekanizmaları Turkish review**  
TORUN F. M., YARDIM S.  
FABAD-JOURNAL OF PHARMACEUTICAL SCIENCES, vol.18, no.4, pp.173-184, 1993 (Scopus)

## Books

- I. **New Approaches in P2Y12 Receptor Blocker Drugs Use**  
Fakiođlu D. M., Akaydın S.  
in: Frontiers in Cardiovascular Drug Discovery, Atta-ur-Rahman, Editor, Bentham Science Publisher, Sharjah, pp.1-50, 2022
- II. **ctDNA in Solid Tumors: Role in Diagnosis, Prognosis and Treatment**  
AKAYDIN S., Miser Salihođlu E., FAKIOĐLU D. M.  
in: Frontiers in Clinical Drug Research - Anti-Cancer Agents, Atta-ur-Rahman, Editor, Bentham Science Publishers, pp.1-50, 2021

## Papers Published in Refereed Scientific Meetings

- I. **Obez Çocuklarda Serum Adipokin Hormon Düzeylerinin Oranları ile Obezitenin Bazı Belirteçleri Arasındaki İlişkinin İncelenmesi**

Demirbilek M., Buluş A. D., Fakoğlu E., Topuz D. M., Kışlal F. M., Akaydın S.

Nuh Naci Yazgan Ulusal Sağlık Bilimleri Kongresi, Kayseri, Turkey, 3 - 04 May 2024, pp.225

- II. **The Effect of Silencing the Tip60 Gene on the Response to Radiotherapy in Breast Cancer Cells**  
SALİHOĞLU E., KARAHALİL B., AKAYDIN S.  
1st International Basic Oncology Congress, İstanbul, Turkey, 1 - 04 June 2022, vol.5, pp.42
- III. **Investigation of The Relationship of Serum Adipokine Hormone Levels with the Degree and Some Markers of Obesity in Obese Children**  
Demirbilek M., Fakoğlu E., Topuz D. M., Kışlalı F. M., Buluş A. D., Akaydın S.  
GANUD-3 International Conference On Gastronomy, Nutrition and Dietetics, İstanbul, Turkey, 6 - 08 May 2022, pp.41-42
- IV. **Chymotrypsin and urease inhibitory activities of some plants used as folk medicine in Düzce (Turkey)**  
Günbatan T., Salihoğlu E., Gürbüz İ., Akaydın S., Akaydın G.  
Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- V. **The role of homocysteine through reactive oxygen species (ROS) in Parkinson's disease and investigation of its variation with individual susceptibility**  
KARAHALİL B., ASLAN N., SAYGIN E., ELKAMA A., SALİHOĞLU E., ORHAN G., AKAYDIN S.  
10th International Congress of the Turkish Society of Toxicology, 16 - 19 October 2019
- VI. **MRNA AND PROTEIN EXPRESSION LEVELS OF P53 IN MOLECULAR SUBTYPES OF BREAST CANCER ...**  
SALİHOĞLU E., DEMOKAN S., KARANLIK H., KARAHALİL B., AKAYDIN S.  
12th International Symposium on PharmaceuticalSciences, 26 - 29 June 2018
- VII. **INVESTIGATION OF GGT1 AND GGT6 MRNA EXPRESSIONS IN PATIENTS WITH BREAST CANCER .**  
AKAYDIN S., SALİHOĞLU E., RAMADAN S. S., KARANLIK H., DEMOKAN S.  
12th International Symposium on PharmaceuticalSciences, 26 - 29 June 2018
- VIII. **LEUKOTRIENE D4 LEVELS IN PATIENTS WITH BREAST CANCER**  
SALİHOĞLU E., Akbaş K. K., KARANLIK H., DEMOKAN S., AKAYDIN S.  
12th International Symposium on PharmaceuticalSciences, 26 - 29 June 2018
- IX. **Investigation of Serum Uric Acid and Allantoin Levels in Patients With Obstructive Sleep Apnea Hypopnea Syndrome**  
AKAYDIN S., SALİHOĞLU E., FIRAT H., ARDIÇ S., ÖZKAN Y., TORUN F. M., ŞİMŞEK B.  
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- XXIV. **Evaluation of Antioxidant Activity of Various Herbal Folk Medicine.**  
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- XXVI. **Deneysel sıçan spinal kord travma modelinde Ganoderma lucidum un nöroprotektif etkisinin biyokimyasal olarak incelenmesi**  
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## Supported Projects

- YARDIM S., ELÇİ M. P., FATSA T., ÖREN S., KUBAT G. B., CAN E., SALİHOĞLU E., ÜLGER Ö., TAMER U., Project Supported by Higher Education Institutions, Mezenkimal Hücre Kaynaklı Mitokondri Transplantasyonunun İnsan SHSY5Y Nöroblastoma Hücrelerinde Oluşturulan Alzheimer Modelindeki Etkilerinin İn Vitro Yöntemlerle Araştırılması, 2024 - Continues
- Şenol Deniz F. S., Kahraman A., Akaydin S., Salihoğlu E., Süntar İ., Demirel M. A., Akarca Dizakar S. Ö., R&D Project of Group B, Ülkemizde Yetişen Lamiaceae Familyasına Ait Bazı Bitkilerin Alzheimer Hastalığına Karşı Etkilerinin İn Vitro ve İn Vivo Yöntemlerle Değerlendirilmesi, 2024 - 2026
- Akaydin S., Emiral Ç., Karahalil B., TUBITAK Project, Ergenlik Polikistik Over Sendromunda Serum Endotrofin Düzeylerini Etkileyen MMP14 Gen Polimorfizmlerinin İncelenmesi, 2024 - 2025
- SALİHOĞLU E., AKAYDIN S., FATSA T., ÖREN S., ELÇİ M. P., Project Supported by Higher Education Institutions, Yaşlanma karşıtı mantar Ganoderma lucidum un İnsan SHSY5Y Hücrelerinde Amiloid beta 1-42 Toksisitesiyle Oluşturulan Alzheimer Modelindeki Etkilerinin İn Vitro Yöntemlerle Araştırılması, 2023 - 2025
- YARDIM S., EMİRAL Ç., Project Supported by Higher Education Institutions, Ergenlik Polikistik Over Sendromunda Serum Endotrofin Seviyelerinin Biyobelirteç Potansiyelinin Araştırılması, 2023 - 2025
- Akaydin S., Elçi M. P., Project Supported by Higher Education Institutions, Çoklu Doymamış Yağ Asitlerinin İnsan SHSY5Y Hücrelerinde A142 Toksisitesiyle Oluşturulan Alzheimer Modelindeki Etkilerinin İn Vitro Yöntemlerle Araştırılması, 2023 - 2024
- Akaydin S., Topuz D. M., Helvacı Ö., Yaşar E., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Periton Diyalizi, Kronik Böbrek Hastalığı ve Böbrek Nakli Hastalarında Karvedilol ve Metoprolol'un Terapötik İlaç Düzeylerinin İzlemi, 2022 - 2024
- Akaydin S., Topuz D. M., Yazıcı O., Uludağ M. O., Project Supported by Higher Education Institutions, Gastrointestinal Kanselerin Tedavisinde Kullanılan 5-Fluorourasil'in Terapötik İlaç Düzeylerine Proton Pompası İnhibitörlerinin Etkisinin İncelenmesi, 2020 - 2023
- YARDIM S., DEMİRBİLEK M., Project Supported by Higher Education Institutions, Obez Çocuklarda Serum Adipokin

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AKAYDIN S., Project Supported by Higher Education Institutions, Meme Kanserinin Alt Tiplerinde Aktif GGT Genlerinin Ekspresyonlarının İncelenmesi, 2017 - 2018

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

AKAYDIN S., Project Supported by Higher Education Institutions, Kardiyovasküler hastalığı olan kişilerde serum allantoin

ve ürik asit düzeylerinin HPLC ve GC MS Yöntemleri ile tayini, 2000 - 2003

AKAYDIN S., Project Supported by Higher Education Institutions, Serbest radikallerin neden olduğu kanser vakalarında ürik asit allantoin oranının potansiyel marker olarak incelenmesi, 1994 - 1998

AKAYDIN S., Project Supported by Higher Education Institutions, Akciğer kanserinde serum ürik asit düzeylerinin HPLC ile ölçülmesi, 1994 - 1996

AKAYDIN S., Project Supported by Higher Education Institutions, Kanserde serum beta karoten vitamin E ve vitamin C düzeyleri ve lipid peroksidasyonu, 1993 - 1994

## Student Project

R & D Project, 5-bromo-N-(3,4,5-trimetoksifenil)-1H-indol-3-karboksamid bileşiğinin MDA-MB231 Hücre Hattı üzerindeki Sitotoksik Etkilerinin Belirlenmesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2022 - 2024

## Memberships / Tasks in Scientific Organizations

FABAD (Farmasötik Bilimler Ankara Derneği), Chairman, 2023 - Continues, Turkey

FABAD (Farmasötik Bilimler Ankara Derneği), Member, 2008 - Continues, Turkey

Türk Biyokimya Derneği, Member, 1990 - Continues, Turkey

## Peer Reviews in Scientific Publications

TOXICOLOGY IN VITRO, SCI Journal, October 2023

NEUROLOGICAL RESEARCH, SCI Journal, September 2023

FABAD Farmasötik Bilimler Dergisi , National Scientific Refreed Journal, May 2023

## Scientific Project Refereeing

TUBITAK Project, 1002 - Quick Support Program, August 2023

Project Supported by Higher Education Institutions, BAP Research Project, July 2023

Project Supported by Higher Education Institutions, BAP Research Project, April 2023

Project Supported by Higher Education Institutions, BAP Research Project, February 2023

## Metrics

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## Non Academic Experience

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