

## Asst. Prof. ECE SALİHOĞLU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-9309-2021

ScopusID: 55633188800

Yoksis Researcher ID: 202040

### Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 2011 - 2018

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 2008 - 2011

Undergraduate, Hacettepe University, Eğitim Fakültesi, Ortaöğretim Fen Ve Matematik Alanlar Eğitimi Bölümü, Turkey 2001 - 2007

### Foreign Languages

German, C1 Advanced

English, C1 Advanced

### Dissertations

Doctorate, Examining the role of tip60 protein in repair of DNA damage in molecular subtypes of breast cancer, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018

Postgraduate, Çeşitli bitkisel halk ilaçlarının antioksidan aktivite yönünden değerlendirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), 2011

### Research Areas

Basic Pharmaceutics Sciences, Health Sciences

### Academic Titles / Tasks

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

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - 2023

Research Assistant, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2011 - 2018

## Academic and Administrative Experience

Assistant Director of the Institute, Gazi University, Sağlık Bilimleri Enstitüsü, 2023 - 2026

## Courses

Ancient Biochemistry, Undergraduate, 2021 - 2022

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

- I. **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)
- II. **Autophagic mechanisms in longevity intervention: role of natural active compounds**  
Akça K. T., Ayan I. Ç., Çetinkaya S., Salihoğlu E., SÜNTAR İ.  
Expert reviews in molecular medicine, vol.25, 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., Akaydin S.  
CLINICAL BREAST CANCER, vol.23, no.2, pp.125-134, 2023 (SCI-Expanded)
- IV. **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)
- V. **Folk medicine in Duzce Province (Turkey)**  
Gürbüz İ., Gençler Özkan A. M., Akaydin G., Salihoğlu E., Günbatan T., Demirci F., Yesilada E.  
TURKISH JOURNAL OF BOTANY, vol.43, no.6, pp.769-849, 2019 (SCI-Expanded)
- VI. **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., Akaydin S.  
BALKAN MEDICAL JOURNAL, vol.34, no.3, pp.269-274, 2017 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **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)

## Articles Published in Other Journals

- I. **Piyasada Satılan Farklı Formlardaki Ganoderma lucidum Preparatlarında Antioksidan Kapasitenin Karşılaştırılması**  
Salihoğlu E., Akkıran S.  
MANTAR DERGİSİ, vol.25, no.1, pp.16-24, 2024 (Peer-Reviewed Journal)
- II. **THE ROLE OF ANTICOAGULANT, THROMBOLYTIC, AND FIBRINOLYTIC ACTIVITIES IN THE**

## PREVENTION OF PERITONEAL ADHESION

Deynez G., Salihođlu E., Süntar İ.

TRAKYA UNIVERSITY JOURNAL OF NATURAL SCIENCES, vol.24, no.2, pp.101-116, 2023 (ESCI)

### III. CHYMOTRYPSIN, UREASE INHIBITORY AND ANTIOXIDANT ACTIVITIES OF SOME DÜZCE FOLK MEDICINES

Günbatan T., Salihođlu E., Gürbüz İ., Akaydın S., Akaydın 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., Salihođlu E., Akaydın S., Akaydın 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

Akaydın S., Ramazanođlu S., Salihođlu 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

Salihođlu E., Şimşek H. B., Çayır E., Çayır E., Akaydın S.

ANKARA UNIVERSİTESİ ECZACILIK FAKÜLTESİ DERGİSİ, vol.46, no.2, 2022 (Scopus)

### VII. BIOCHEMICAL ANALYSIS FOR NEUROPROTECTIVE EFFECTS OF GANODERMA LUCIDUM IN EXPERIMENTAL RAT SPINAL CORD TRAUMA MODEL

DİVANLIOĐLU D., SALİHOĐLU E., KORKMAZ M., SEÇEN A. E., ÖCAL Ö., Günerhan G., BELEN A. D., AKAYDIN S., DALGIÇ A.

Journal of Turkish Spinal Surgery, vol.32, no.3, pp.116-122, 2021 (Scopus)

### VIII. mRNA Expressions of Specific Gamma-Glutamyl Transferases in Molecular Subtypes of Breast Cancer

Güngör D., Salihođlu E., Demokan S., Karanlık H., Akaydın S.

Athens Journal of Health and Medical Sciences, vol.6, pp.1-13, 2020 (Peer-Reviewed Journal)

### IX. Correlation Between Gamma-Glutamyl Transferase Activity and Glutathione Levels in Molecular Subgroups of Breast Cancer

Akaydın S., Salihođlu E., Gungor D. G., Karanlık H., Demokan S.

EUROPEAN JOURNAL OF BREAST HEALTH, vol.16, no.1, pp.72-76, 2020 (ESCI)

### X. Serum Levels of Myeloperoxidase and Its Relationship with 3-Nitrotyrosine in Lung Cancer.

Akaydın S., Can E., Salihođlu E., İnelöz E., Fırat H., Ardiç S.

OXIDATION COMMUNICATIONS, vol.40, no.2, pp.753-761, 2017 (Scopus)

### XI. 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)

### XII. 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)

### XIII. 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)

### XIV. 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)

**I. ctDNA in Solid Tumors: Role in Diagnosis, Prognosis and Treatment**

Akaydın S., Salihoğlu E., Fakoğlu D. M.

in: *Frontiers in Clinical Drug Research*, Atta-ur-Rahman, Editor, Bentham Science Publishers, Sharjah, pp.1-50, 2021

**Refereed Congress / Symposium Publications in Proceedings**

**I. Investigation of Cytotoxic Effects of Reishi Mushroom**

Salihoğlu E.

2nd International Congress of Multidisciplinary Medical and Health Sciences Studies (ICOMMEH 2024), Ankara, Turkey, 27 - 28 May 2024, pp.97

**II. Evaluation Of Commercial Tablets Of Ganoderma Lucidum Effects On Healthy And Cancer Colon Cells**

Salihoğlu E.

5 th INTERNATIONAL CONGRESS ON CONTEMPORARY SCIENTIFIC RESEARCH, Kayseri, Turkey, 22 - 24 April 2024, pp.152

**III. 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

**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. LEUKOTRIENE D4 LEVELS IN PATIENTS WITH BREAST CANCER**

SALİHOĞLU E., Akbaş K. K., KARANLIK H., DEMOKAN S., AKAYDIN S.

12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

**VII. 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 Pharmaceutical Sciences, 26 - 29 June 2018

**VIII. 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 Pharmaceutical Sciences, 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.

II. in vitro Diagnostic Biomarkers Symposium, 10 - 12 May 2017, vol.42, pp.67

**X. Investigation of expression levels of DNA repair genes in molecular subtypes of breast cancer**

SALİHOĞLU E., DEMOKAN S., KARANLIK H., KARAHALİL B., ÖNDER S., AKAYDIN S.

9th world biomarkers congress and 20th International congress on Pharmaceutical biotechnology, Madrid, Spain, 7 - 09 December 2017

**XI. Investigation of GGT5 and GGT7 mRNA expressions in patients with breast cancer**

AKAYDIN S., GÜNGÖR D., SALİHOĞLU E., KARANLIK H., DEMOKAN S.

9th World Biomarkers Congress, 7 - 08 December 2017, pp.82

**XII. ALTERATIONS IN GAMMA-GLUTAMYL TRANSFERASE LEVELS IN OBSTRUCTIVE SLEEP APNEA PATIENTS WITH AND WITHOUT METABOLIC SYNDROME**

SALİHOĞLU E., AKAYDIN S., CAN E., FIRAT H., ARDIÇ S.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017, pp.349

- XIII. **Uyku apne hipopne sendromlu hastalarda serum ürik asit ve allantoin düzeylerinin incelenmesi**  
AKAYDIN S., SALİHOĞLU E., FIRAT H., ARDIÇ S., ÖZKAN Y., TORUN F. M., ŞİMŞEK B.  
II. Türkiye in vitro diyagnostik sempozyumu Biyobelirteçler, Turkey, 10 - 12 May 2017
- XIV. **ANTIOXIDANT ACTIVITIES OF FRESH AND DRIED MINT SAMPLES**  
SALİHOĞLU E., ÇAYIR E., AKAYDIN S., ŞİMŞEK B.  
GPSS, 12 - 15 November 2015
- XV. **EXPRESSIONS OF GGT1 GGT5 AND GGT6 GENES IN DIFFERENT TYPES OF CANCERS**  
AKAYDIN S., SALİHOĞLU E., CEREN D., CAN E., ATALAY C.  
GPSS, 12 - 15 November 2015
- XVI. **Antioxidant activities and total phenol contents of some medicinal plants collected from Düzce Turkey**  
GÜNBATAN T., SALİHOĞLU E., GÜRBÜZ İ., AKAYDIN G.  
International conference on natural products utilization, Bansko, Bulgaria, 3 - 06 November 2013
- XVII. **Evaluation of Antioxidant Activity of Four Plants Used as Folk Medicine in Düzce Turkey**  
SALİHOĞLU E., GÜNBATAN T., GÜRBÜZ İ., AKAYDIN S., AKAYDIN G.  
The First Mediterranean Symposium on Medicinal and Aromatic Plants, Gazimagusa, Cyprus (Kktc), 17 - 20 April 2013
- XVIII. **The Relationships of Pontin and Reptin With Other Genes Associated With Cancer.**  
AKAYDIN S., CAN E., SALİHOĞLU E., ATALAY M. C., ŞİMŞEK B.  
First International Workshop on Pontin (RUVBL1) and Reptin (RUVBL2), BORDO, France, 17 - 19 October 2012, pp.47
- XIX. **Investigation of hTERT, Pontin, Reptin and Dyskerin Gene Expressions in Several Types of Cancer.**  
CAN E., SALİHOĞLU E., ATALAY M. C., ŞİMŞEK B., AKAYDIN S.  
First International Workshop on Pontin (RUVBL1) and Reptin (RUVBL2), BORDO, France, 17 - 19 October 2012, pp.46
- XX. **Evaluation of Antioxidant Activity of Various Herbal Folk Medicine.**  
SALİHOĞLU E., AKAYDIN G., CAN E., AKAYDIN S.  
10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara, Turkey, 26 - 29 June 2012, pp.428
- XXI. **Oxidative Stress in Severe Obstructive Sleep Apnea.**  
AKAYDIN S., CAN E., GÖKALP F., FIRAT H., SALİHOĞLU E., ARDIÇ S., ŞİMŞEK B.  
10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara, Turkey, 26 - 29 June 2012, pp.442
- XXII. **DNA Damage and Lipid Peroxidation in Several Types of Cancer.**  
CAN E., SALİHOĞLU E., ATALAY M. C., YALÇINTAŞ ARSLAN Ü., ŞİMŞEK B., AKAYDIN S.  
10th International Symposium on Pharmaceutical Sciences (ISOPS-10), Ankara, Turkey, 26 - 29 June 2012, pp.430
- XXIII. **Antioxidant activity and total phenolic content of some Scrophularia species**  
Arituluk Z. C., Salihoğlu E., Akaydın G., Akaydın S., Ezer N.  
10th International Symposium on Pharmaceutical Sciences-ISOPS, Ankara, Türkiye, Ankara, Turkey, 26 - 29 June 2012
- XXIV. **Deneysel sıçan spinal kord travma modelinde Ganoderma lucidum un nöroprotektif etkisinin biyokimyasal olarak incelenmesi**  
DİVANLIOĞLU D., DALGIÇ A., KORKMAZ M., SALİHOĞLU E., YILDIRIM A. E., ALAGÖZ F., AKAYDIN S., DAĞLIOĞLU E., UÇGUN Ö., NACAR O., et al.  
26. Türk Nöroşirurji Derneği Kongresi. Antalya. Türkiye, Turkey, 20 - 24 April 2012, vol.22, pp.92-93
- XXV. **Afyon Denizli ve Kütahya ilerinin bazı yerleşim birimlerinde etnobotanik araştırmalar**  
Akaydın G., Şimşek I., Salihoğlu E., Yeşilada E.  
XVIII. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Türkiye., İstanbul, Turkey, 16 - 18 October 2008
- XXVI. **Düzce İlinin Etnobotanik Özellikleri-I**  
GENÇLER ÖZKAN A. M., GÜRBÜZ İ., AKAYDIN G., YEŞİLADA E., SALİHOĞLU E.  
18. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Turkey, 16 October 2008

## Supported Projects

AKAYDIN 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

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 - Continues

Şenol Deniz F. S., Kahraman A., Akaydın 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

Süntar İ., Demirel M. A., Uz A., Tugay O., Akarca Dizakar S. Ö., Salihoğlu E., Deynez G., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Deneysel intra-abdominal adezyon modelinde etkili olabilecek tıbbi bitkiler üzerinde farmakognozik araştırmalar,, 2022 - 2024

Salihoğlu E., Akkıran S., TUBITAK Project, Piyasada Satılan Farklı Formlardaki Ganoderma lucidum Örneklerindeki Antioksidan Kapasitenin Karşılaştırılması, 2022 - 2023

Salihoğlu E., Akaydın S., Karahalil B., Project Supported by Higher Education Institutions, Meme Kanseri Hücrelerinde Tip60 Geninin Susturulmasının Radyoterapiye Yanıt Üzerine Etkisi, 2019 - 2022

Akaydın S., Salihoğlu E., Ramazanoğlu S., Project Supported by Higher Education Institutions, Meme Hücre Hatlarında GGT7'nin Enzimatik Aktivitesinin İncelenmesi, 2019 - 2022

AKAYDIN S., KARAHALİL B., SALİHOĞLU E., Project Supported by Higher Education Institutions, Tip60 ve etkilediği DNA onarım genlerinin metilasyon ve ekspresyon seviyeleri ile meme kanserinin moleküler alt grupları arasındaki ilişkilerin incelenmesi,, 2017 - 2019

SALİHOĞLU E., AKAYDIN S., Project Supported by Higher Education Institutions, - Bazı sülfonamid grubu taşıyan benzoksazol türevlerinin Aldoza redüktaz aktivitesi üzerine etkisi, 2016 - 2019

Şimşek H. B., Akaydın S., Can E., Salihoğlu E., Project Supported by Higher Education Institutions, Gene Expressions of c-myc, Beta-catenin and Tip60 in Several Types of Cancer, 2011 - 2014

Akaydın S., Şimşek H. B., Can E., Salihoğlu E., Project Supported by Higher Education Institutions, Investigation of Gene Expressions of Dyskerin and Leptin in Several Types of Cancer, 2011 - 2014

Akaydın S., Can E., Salihoğlu E., Project Supported by Higher Education Institutions, Evaluation of Antioxidant Activity in Various Folk Medicine, 2010 - 2011

Gürbüz İ., Akaydın G., Yeşilada E., Gençler Özkan A. M., Demirci F., TUBITAK Project, FOLK MEDICINE IN DÜZCE AND ITS COUNTIES , 2008 - 2009

## Activities in Scientific Journals

Journal of Gazi University Health Sciences Institute, Assistant Editor/Section Editor, 2024 - Continues

## Memberships / Tasks in Scientific Organizations

FABAD Journal of Pharmaceutical Sciences, Member, 2016 - Continues, Turkey

## Scientific Refereeing

ONCOLOGIE, Journal Indexed in SCI-E, April 2023

The FABAD Journal of Pharmaceutical Sciences, Other Indexed Journal, December 2021

## **Tasks In Event Organizations**

Salihođlu E., 3rd International Gazi Pharma Symposium Series (GPSS-2021), Scientific Congress, Ankara, Turkey, Eylül 2021

### **Metrics**

Publication: 50

Citation (WoS): 48

Citation (Scopus): 59

H-Index (WoS): 5

H-Index (Scopus): 5