

## Asst. Prof. Fuat Karakuş

### Personal Information

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### International Researcher IDs

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ORCID: 0000-0002-5260-3650

Publons / Web Of Science ResearcherID: O-2627-2019

ScopusID: 57201195704

Yoksis Researcher ID: 35459

### Education Information

Doctorate, Ege University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, Turkey  
2015 - 2021

Postgraduate, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, Turkey 2013 -  
2015

### Biography

Fuat Karakuş, yüksek lisans eğitimini İnönü Üniversitesi Eczacılık Fakültesi ile Ankara Üniversitesi Eczacılık Fakültesi ortaklığında gerçekleştirilen Farmasötik Toksikoloji Anabilim Dalı yüksek lisans programında 2015 yılında tamamlamıştır. Doktora eğitimini de Ege Üniversitesi Eczacılık Fakültesi Farmasötik Toksikoloji Anabilim Dalı'nda 2021 yılında tamamlamıştır. 11 adet SCI-E, 3 adet uluslararası diğer indekslerde ve 4 adet TR Dizin indeksinde taranan araştırma ve derleme makalelerinde başlıca yazar ve ortak yazar olarak yer almıştır. Ayrıca ulusal ve uluslararası tanınmış yayınevleri tarafından basılan kitaplarda 7 bölümünün ortak bölüm yazarlığını ve bir diğer bilimsel kitapta da editörlük yapmıştır. ESCI/SCI-E ve diğer indekslerde taranan uluslararası dergilerde hakem olarak görev yapmaktadır. Araştırma alanları ilaç ve diğer ksenobiyotiklerle indüklenen organ hasarlarının mekanizmaları üzerine odaklanmaktadır. Tamamlanmış olan 4 bilimsel araştırma projesinde araştırmacı olarak görev almıştır. Halen devam eden 3 bilimsel araştırma projesinde araştırmacı olarak ve 1 TÜBİTAK 1002A projesinde de yürütücü olarak görev yapmaktadır.

### Certificates, Courses and Trainings

Vocational Course, Fundamentals of peer review, Elsevier Researcher Academy, 2022

Vocational Course, Recognizing peer reviewers: A webinar to celebrate editors and researchers, Elsevier Researcher Academy, 2022

Vocational Course, Transparency in peer review, Elsevier Researcher Academy, 2022

Vocational Course, Ethics responsibilities for peer reviewers, Elsevier Researcher Academy, 2022

Vocational Course, Why get involved in peer review, Elsevier Researcher Academy, 2022

Vocational Course, Building trust and engagement in peer review, Elsevier Researcher Academy, 2022

Vocational Course, Diversity in peer review, Elsevier Researcher Academy, 2022  
Vocational Course, Good Citation Behavior, Web of Science, 2022  
Vocational Course, Reviewing in the Sciences, Web of Science, 2022  
Vocational Course, Co-reviewing with a mentor, Web of Science, 2022  
Vocational Course, An editor's guide to writing a review article, Elsevier Researcher Academy, 2019  
Vocational Course, A Nature Masterclasses online course – Focus on Peer Review, Springer Nature – nature masterclasses, 2019  
Vocational Course, ERT System Course Core topic B4: Molecular and Cellular Toxicology -- Inaugural Course on Molecular Toxicology, Ege Üniversitesi, 2019  
Vocational Course, Deney Hayvanları Kullanım Sertifikası, İnönü Üniversitesi, 2014

## **Dissertations**

Doctorate, Identification of toxicity pathway in adverse reactions at cellular and organelle levels, Ege University, Faculty Of Pharmacy, Eczacılık Meslek Bilimleri Bölümü, 2021  
Postgraduate, Effect of Acetazolamide on Colorectal Cancer Cells , Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2015

## **Research Areas**

Pharmaceutical Toxicology

## **Academic Titles / Tasks**

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues  
Research Assistant PhD, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues  
Research Assistant, Ege University, Faculty Of Pharmacy, Eczacılık Meslek Bilimleri Bölümü, 2015 - 2021  
Research Assistant, Inonu University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2014 - 2015

## **Academic and Administrative Experience**

Head of Department, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues

## **Courses**

İlaç Geliştirmede Toksikoloji, Undergraduate, 2022 - 2023  
Mezuniyet Projesi II, Undergraduate, 2022 - 2023  
İşletmede Mesleki Eğitim II, Undergraduate, 2022 - 2023  
Farmasötik Toksikoloji II, Undergraduate, 2022 - 2023  
Farmasötik Toksikoloji Laboratuvarı, Undergraduate, 2022 - 2023  
İlaç Dışı Maddelerin Toksikolojisi ve Zehirlenmeler, Undergraduate, 2022 - 2023  
Eczacılık Terminolojisi, Undergraduate, 2022 - 2023  
İşletmede Mesleki Eğitim I, Undergraduate, 2022 - 2023  
Mezuniyet Projesi I, Undergraduate, 2022 - 2023  
Pharmaceutical Toxicology-I, Undergraduate, 2021 - 2022

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

- I. **Predicting the molecular mechanisms of cardiovascular toxicity induced by per- and polyfluoroalkyl substances: an In Silico network toxicology perspective**  
Karakuş F., Kuzu B.  
Toxicology Research, vol.13, no.6, 2024 (SCI-Expanded)
- II. **Mitochondrial toxicity of selected natural compounds: in vitro assessment and in silico molecular docking and dynamics simulation**  
Ergüç A., Albayrak G., Muhammed M. T., Karakuş F., Arzuk E.  
DRUG AND CHEMICAL TOXICOLOGY, pp.1-11, 2024 (SCI-Expanded)
- III. **Mitochondrial Impact of Organophosphate Pesticide-Induced Cardiotoxicity: An In Silico and In Vitro Study.**  
Karakuş F., Arzuk E., Ergüç A.  
International journal of toxicology, vol.43, no.5, pp.464-471, 2024 (SCI-Expanded)
- IV. **Exploring Natural Compounds Targeting PD-L1 and STAT3: Toxicogenomic Analysis, Virtual Screening, Molecular Docking, ADMET Evaluation, and Biological Activity Prediction**  
Karakuş F., Kuzu B., Köstekci S., Tülüce Y.  
CURRENT COMPUTER-AIDED DRUG DESIGN, 2024 (SCI-Expanded)
- V. **Novel Pyrazole Derivatives Bearing Carbonitrile and Substituted Thiazole Moiety for Selective COX-2 Inhibition**  
Arzuk E., Karakuş F., Ergüç A., Kuzu B.  
ChemistrySelect, vol.9, no.1, 2024 (SCI-Expanded)
- VI. **Screening and toxicity evaluation of natural compounds as adenosine 2a and 2b receptor ligands: insights from molecular docking, dynamics, and ADMET analysis**  
Karakuş F., ALAGÖZ M. A., Kuzu B.  
Drug and Chemical Toxicology, 2024 (SCI-Expanded)
- VII. **New targets and biomarkers for doxorubicin-induced cardiotoxicity in humans: implications drawn from toxicogenomic data and molecular modelling**  
Karakuş F., Ece A., Kuzu B.  
Journal of Biomolecular Structure and Dynamics, 2024 (SCI-Expanded)
- VIII. **Design, synthesis, and antiproliferative activities of novel thiazolyl-pyrazole hybrid derivatives**  
Kuzu B., Ergüç A., Karakuş F., Arzuk E.  
Medicinal Chemistry Research, vol.32, no.8, pp.1690-1700, 2023 (SCI-Expanded)
- IX. **Role of Oxidative Stress and Reactive Metabolites in Cytotoxicity & Mitotoxicity of Clozapine, Diclofenac and Nifedipine in CHO-K1 Cells In Vitro.**  
Ergüç A., Karakuş F., Arzuk E., Mutlu N., Orhan H.  
Endocrine, metabolic & immune disorders drug targets, vol.23, pp.1725-1739, 2023 (SCI-Expanded)
- X. **Mitochondrial Biotransformation of Drugs and other Xenobiotics.**  
Orhan H., Karakuş F., Ergüç A.  
Current drug metabolism, vol.22, no.8, pp.657-669, 2021 (SCI-Expanded)
- XI. **Bioactivation of clozapine by mitochondria of the murine heart: Possible cause of cardiotoxicity**  
ARZUK E., Karakuş F., ORHAN H.  
TOXICOLOGY, vol.447, 2021 (SCI-Expanded)
- XII. **Combination of 2 Bioactive Compounds for Treatment of Breast Cancer: Triterpenoid Cucurbitacin I and Phenolic CAPE**  
Karakuş F., Yilmaz K., Eyol E., ÜNÜVAR S.  
NATURAL PRODUCT COMMUNICATIONS, vol.14, no.6, 2019 (SCI-Expanded)
- XIII. **Inhibition of cell proliferation, migration and colony formation of LS174T Cells by carbonic anhydrase inhibitor**  
Karakuş F., Eyol E., Yilmaz K., ÜNÜVAR S.  
AFRICAN HEALTH SCIENCES, vol.18, no.4, pp.1303-1310, 2018 (SCI-Expanded)
- XIV. **Cytotoxic Effects of Cucurbitacin I and Ecballium elaterium on Breast Cancer Cells**

Yilmaz K., Karakuş F., Eyol E., TOSUN E., YILMAZ İ., ÜNÜVAR S.

NATURAL PRODUCT COMMUNICATIONS, vol.13, no.11, pp.1445-1448, 2018 (SCI-Expanded)

- XV. **In vitro effect of carbonic anhydrase inhibitor acetazolamide on cell viability, migration and colony formation of colorectal cancer cells**  
Karakuş F., Eyol E., Yilmaz K., ÜNÜVAR S.  
BIOLOGIA, vol.73, no.6, pp.621-628, 2018 (SCI-Expanded)
- XVI. **The relationship between neopterin and hepatitis B surface antigen positivity**  
ÜNÜVAR S., Aslanhan H., Tanriverdi Z., Karakuş F.  
PTERIDINES, vol.29, no.1, pp.1-5, 2018 (SCI-Expanded)
- XVII. **Effect of the Achillea wilhelmsii extract intake upon blood lipid profile, haematologic and immunologic parameters in the rat**  
Suzergoz F., ÇINAR S., Oktay R., Karakuş F., GÜROL A. O.  
FOOD AND AGRICULTURAL IMMUNOLOGY, vol.26, no.1, pp.46-59, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Network Toxicology for The Cardiovascular Toxicity analysis of Tyrosine Kinase Inhibitors**  
Karakuş F.  
Journal of Faculty of Pharmacy of Ankara University, vol.48, no.3, pp.929-939, 2024 (Scopus)
- II. **A Network Toxicology Analysis of the Molecular Pathways and Novel Targets in TCDD-Induced Cardiovascular Toxicity TCDD ile Indöklenen Kardiyovasköler Toksisitede Moleköler Yolakların ve Yeni Hedeflerin Ağ Toksikolojisi Analizi**  
Karakuş F.  
Fabad Journal of Pharmaceutical Sciences, vol.49, no.2, pp.359-370, 2024 (Scopus)
- III. **Effect of n-Hexane Extract from Tanacetum argenteum (Lam.) Willd. subsp. argenteum on the Secretion of Proinflammatory Cytokines in THP-1 Cell Line**  
Arzuk E., Karakuş F., Albayrak G., Ergüç A., Tan İ., Atuş E.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, no.1, pp.233-244, 2024 (Scopus)
- IV. **In silico and in vitro evaluation of oxypeucedanin-induced anticancer activity: Mitotoxicity?**  
Ergüç A., Okur H., Karakuş F., Albayrak G., Arzuk E., Baykan Öztürk Ş.  
Journal of Health Sciences of Adiyaman University, vol.9, no.3, pp.153-161, 2023 (Peer-Reviewed Journal)
- V. **In Silico and In Vitro Anticancer Effects of Caffeic Acid Phenethyl Ester on Pancreatic Adenocarcinoma Cells**  
Tanriverdi Z., Kuzu B., Eyol E., Karakuş F.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.48, no.3, pp.513-522, 2023 (Scopus)
- VI. **Potential inhibitors of extra-synaptic NMDAR/TRPM4 interaction: Screening, molecular docking, and structure-activity analysis**  
Deniz E., Karakuş F., Kuzu B.  
Computational Toxicology, vol.27, 2023 (Scopus)
- VII. **Isoimperatorin-mediated anticancer activity: Role of Mitochondrial Dysfunction in HepG2 Cells**  
Ergüç A., Arzuk E., Albayrak G., Karakuş F., Okur H., Baykan Öztürk Ş.  
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, vol.47, no.3, pp.13-22, 2023 (Scopus)
- VIII. **Natural Compounds Targeting VEGFRs in Kidney Cancer: An In silico Prediction**  
Kuzu B., Karakuş F.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1711-1722, 2022 (Peer-Reviewed Journal)
- IX. **Possible Cardioprotective Mechanism of Action of Dexrazoxane, and Probable Human Topoisomerase IIβ Inhibitors: An In Silico Analysis**  
Karakuş F., Kuzu B.  
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, vol.46, no.2, pp.474-486, 2022 (Scopus)
- X. **Antineoplastic activity of cucurbitacin I in CC531 rat colorectal cancer cells**

Eyol E., Karakuş F., Yılmaz K., Tosun E., Kovacheva M., Zepp M., Adwan H., Berger M. R.

JOURNAL CLINICAL ONCOLOGY AND RESEARCH, vol.2, no.1, pp.1-8, 2019 (Peer-Reviewed Journal)

**XI. Synergistic Anti-proliferative Effects of Cucurbitacin I and Irinotecan on Human Colorectal Cancer Cell Lines**

Eyol E., Tanrıverdi Z., Karakuş F., Yılmaz K., Ünüvar S.

Journal of Clinical & Experimental Pharmacology, vol.6, no.5, pp.1-6, 2016 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. Tetrodotoxin**  
Karakuş F.  
in: FOOD SAFETY, Yağmur Emre Arıcan,Emir Hasan Osmanoğlu, Editor, Nobel Yayınevi, İstanbul, pp.125-133, 2024
- II. PHARMACOLOGY AND TOXICOLOGY OF CANNABINOIDS**  
Haspolat Y. K. (Editor), Karakuş F. (Editor), Tanrıverdi Z. (Editor)  
Orient Yayınları, Ankara, 2023
- III. Kenevir'in Biyopestisit Olarak Kullanışı**  
Karakuş F., Tanrıverdi Z.  
in: Farklı Yaklaşımlarla Endüstriyel Alanında Kenevir, Yusuf Kenan Haspolat,Enver Akın, Editor, Orient Yayınları, Ankara, pp.71-74, 2022
- IV. Kenevir'in İnsan Sağlığı Üzerine Olumsuz Etkileri**  
Karakuş F., Tanrıverdi Z.  
in: Farklı Yaklaşımlarla Sağlık Alanında Kenevir, Yusuf Kenan Haspolat,Gönül Ölmez Kavak, Editor, Orient Yayınları, Ankara, pp.312-316, 2022
- V. PRODUCTION OF CANNABINOIDS IN THE PHARMACEUTICAL INDUSTRY**  
Kuzu B., Karakuş F., Tanrıverdi Z.  
in: CANNABINOIDS IN PHARMACEUTICAL INDUSTRY, Mine Koçyiğit AVCI,Yusuf Kenan HASPOLAT,Yağmur Emre ARICAN, Editor, Orient Yayınları, Ankara, pp.8-19, 2022
- VI. Application and Technology of Hemp Oil**  
Tanrıverdi Z., Karakuş F., Eyol E.  
in: Industrial Hemp Technology, Mine Koçyiğit AVCI,Yusuf Kenan HASPOLAT,Yağmur Emre ARICAN, Editor, Orient Yayınları, Ankara, pp.52-58, 2022
- VII. Toxicology of Herbal Medicines**  
Orhan H., Arzuk E., Karakuş F., Ergüç A.  
in: Toxicology for the Health and Pharmaceutical Sciences, Antonio Peña-Fernández,Mark D. Evans,Marcus S. Cooke, Editor, CRC, New York , Florida, pp.192-222, 2021
- VIII. Türkiye'de Mantar Zehirlenmeleri ve Tedavi Yaklaşımları**  
Karakuş F.  
in: Çocuk Kronik Hastalıklarında Beslenme, Prof. Dr. Yusuf Kenan Haspolat,Prof. Dr. Coşkun Çeltik,Prof. Dr. Kürşat Bora Çarman,Doç. Dr. Ulaş Emre Akbulut,Uzm. Dr. Taşkın Taş, Editor, Orient Yayınları, Ankara, pp.289-296, 2021
- IX. Gıda Zehirlenmelerinde Toksikolojik Yaklaşım**  
Tanrıverdi Z., Karakuş F.  
in: Çocuk Kronik Hastalıklarında Beslenme , Prof. Dr. Yusuf Can Haspolat,Prof. Dr. Coşkun Çeltik,Prof. Dr. Kürşat Bora Çarman,Doç. Dr. Ulaş Emre Akbulut,Uzm. Dr. Taşkın Taş, Editor, Orient Yayınları, Ankara, pp.281-288, 2021

## **Refereed Congress / Symposium Publications in Proceedings**

**I. DESIGN AND IN SILICO ANALYSIS OF GLP1R AGONISTS**

Deniz E., Karakuş F., Kuzu B.

Van Yüzüncü Yıl Üniversitesi 2. Uluslararası Sağlık Bilimleri Kongresi , Van, Turkey, 18 - 19 December 2023, pp.39

- II. **In Silico Drug Repurposing As Inhibitors Against Gsk-3 $\beta$**   
Deniz E., Karakuş F., Kuzu B.  
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023, pp.112
- III. **Role of Mitochondria in Doxorubicin-Induced Cardiotoxicity**  
Karakuş F.  
1st International Health Sciences Research Days Congress, İstanbul, Turkey, 14 - 16 September 2022, pp.19
- IV. **In Silico Toxicity Profiles of Some Natural Protective Compounds Against Anthracycline-Induced Cardiotoxicity**  
Karakuş F.  
UNION OF THRACE UNIVERSITIES V. INTERNATIONAL HEALTH SCIENCES CONGRESS 2022, Balıkesir, Turkey, 1 - 02 December 2022, pp.67
- V. **Cysteine conjugate of paracetamol serves as substrate for kidney cysteine S-conjugates  $\beta$ -lyase: implications for drug-induced acute kidney injury**  
Karakuş F., Atmaca K., Aladağ B., Orhan H.  
56th Congress of the European Societies of Toxicology , 27 September - 01 October 2021, pp.164
- VI. **Paracetamol-associated adverse reactions in kidney: Different mechanistic pathways compared to liver**  
Orhan H., Karakuş F., Atmaca K., Aladağ B.  
56th Congress of the European Societies of Toxicology, 27 September - 01 October 2021, vol.350, pp.55-56
- VII. **Comparative Cysteine S-Conjugate  $\beta$ -Lyase Activities of Different Organs Towards Paracetamol in Mice**  
Karakuş F., Atmaca K., Aladağ B., Orhan H.  
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021
- VIII. **Involvement of Reactive Metabolites in Cytotoxic Effects of Various Frequently Used Drugs In Vitro**  
Ergüç A., Mutlu N., Arzuk E., Karakuş F., Orhan H.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- IX. **Biotransformation of clozapine by microsomal and mitochondrial fractions of mouse liver and heart: Organ-specific bioactivation as a possible cause of cardiotoxicity**  
ARZUK E., Karakuş F., ORHAN H.  
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- X. **Antiproliferative potential of Pistacia terebinthus L. on Breast Cancer Cell Lines**  
İçen M. S., Karakuş F., Tosun E., Yılmaz K.  
1st International Gazi Pharma Symposium Series GPSS-2015 , Antalya, Turkey, 12 November 2015 - 15 November 2021, pp.172
- XI. **Cytotoxic Effect of Cape on Breast Cancer MCF-7 and MDA-MB-231 Cells**  
Karakuş F., Tosun E., Yılmaz K., Eyol E.  
1st International Gazi Pharma Symposium Series GPSS-2015 , Antalya, Turkey, 12 - 15 November 2015, pp.126
- XII. **Contribution of reactive metabolites to mitochondrial damage in CHO-K1 cells exposed to various drugs**  
Mutlu N., Ergüç A., Karakuş F., Orhan H.  
Turkheltox 2015 Meeting , İzmir, Turkey, 21 - 24 October 2015, pp.1
- XIII. **Effect of Acetazolamide on Colon Cancer Cells**  
Karakuş F., Tosun E., Yılmaz K., Eyol E.  
International Multidisciplinary Symposium on Drug Research and Development , Eskişehir, Turkey, 15 - 17 October 2015, pp.121
- XIV. **Growth inhibitory effects of Cucurbitacin I on breast cancer cells**  
Yılmaz K., Karakuş F., Tosun E., Eyol E.  
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015, vol.26, pp.23
- XV. **Ecballium elaterium L. Ekstraktlarının Göğüs Kanseri Hücreleri Üzerine Etkisi**

Yılmaz K., Tosun E., Karakuş F., Eysel E.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi , Antalya, Turkey, 20 - 22 March 2015, pp.148

**XVI. Achillea wilhelmsii Ektresinin Yüksek Yağlı Diyetle Obezite Geliştirilmiş Ratlarda Kan Lipit Profili Üzerine Etkileri**

Süzerğöz F., Oktay R., Aksu U., Çınar S., Karakuş F., Gürol A. O.

21. Ulusal Biyoloji Kongresi , İzmir, Turkey, 3 - 07 September 2012, pp.365

## Supported Projects

Kuzu B., Karakuş F., Tülüce Y., Emergency R&D Project of Group A, Design, Synthesis, Investigation of In vitro Antiproliferative Activities and Aurora Kinase A/B Inhibition Potentials of Benzoxazole-Pyrolopyrazine Hybrid Compounds, 2024 - 2025

Karakuş F., Tülüce Y., Kuzu B., TUBITAK Project, Meme Kanseri Hücre Hattında Kinin Sülfatın PD-L1 ve STAT3'e Karşı Potansiyel İnhibitör Etkisinin Araştırılması, 2023 - 2024

Kuzu B., Karakuş F., Ergüç A., Arzuk E., TUBITAK Project, Seçici Cox-2 İnhibitörü Potansiyel Sahip Karbonitril Sübstitüe Tiyazolil-Pirazol Türevlerin Tasarımı, Sentezi ve Anti-İnflamatuvar Aktivitelerinin Araştırılması, 2023 - 2024

Tülüce Y., KELEŞ A. Y., KÖSTEKÇİ S., Karakuş F., Tunçyürekli M., Project Supported by Higher Education Institutions, PD1PDL1 immün kontrol noktası hedefli miR4477anın meme kanseri hücre hattında potansiyel immünoterapötik etkisinin CD8 kokültür modelinde araştırılması, 2022 - 2024

Yavuz ., Tülüce Y., Karakuş F., Köstekci S., Tunçyürekli M., Keleş A. Y., Project Supported by Higher Education Institutions, Meme kanseri hücre hattında Metformin (Met) ve Kafeik Asit (CA) Kombine tedavisinin potansiyel Anti-metastatik Etkisinin İn-vitro kültür Modelinde Araştırılması, 2022 - 2024

Orhan H., Karakuş F., Kotmakçı M., Korkmaz K. S., Yılmaz Süslüer S., Aladağ B., Atmaca K. Ş., Çomu A. N., Gasimli R., Project Supported by Higher Education Institutions, Parasetamol kaynaklı böbrek toksisite mekanizmasının hücre, organ ve organizma düzeyinde araştırılması, 2021 - 2023

Orhan H., Karakuş F., Foundation, Advers reaksiyonlarda hücre ve organel düzeyinde toksisite yollarının belirlenmesi, 2019 - 2020

Orhan H., Karakuş F., Kocagöz R., Süzen H. S., Zekioglu O., Tiftikcioğlu Y. Ö., Yeniay L., Serin G., Özdemir M., Gür E., et al., Project Supported by Higher Education Institutions, Meme Kanserinde Çevresel Kirleticilerin Rolü Doku Düzeyleri, Maruziyet, Genetik Yatkınlık ve Moleküler Hasar Biyogöstergelerinin Analizi, 2019 - 2020

Eysel E., Karakuş F., Project Supported by Higher Education Institutions, Asetazolamidin Kolorektal Kansere Hücreleri Üzerine Etkisi (In Vitro), 2014 - 2015

## Memberships / Tasks in Scientific Organizations

IUTOX (International Union of Toxicology) , Member, 2016 - Continues, Belgium

Turkish Society of Toxicology, Member, 2016 - Continues, Turkey

Eurotox, Member, 2016 - Continues, Switzerland

## Scientific Refereeing

TOXICOLOGY REPORTS, Journal Indexed in ESCI, December 2024

AQUATIC TOXICOLOGY, SCI Journal, December 2024

CARDIOVASCULAR TOXICOLOGY, SCI Journal, December 2024

TOXICOLOGY REPORTS, Other Indexed Journal, March 2023

HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, November 2022

Project Supported by Higher Education Institutions, BAP Other, Van Yüzüncü Yil University, Turkey, October 2022

HUMAN AND EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, September 2022  
HUMAN & EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, August 2022  
Toxicology Research and Application, Other Indexed Journal, July 2022  
HUMAN & EXPERIMENTAL TOXICOLOGY, Journal Indexed in SCI-E, July 2022  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, April 2022  
Toxicology Research and Application, Other Indexed Journal, April 2022  
Toxicology Reports, Journal Indexed in ESCI, February 2022  
Toxicology Reports, Journal Indexed in ESCI, February 2022  
MEDICINE, Journal Indexed in SCI-E, January 2022  
MEDICINE, Journal Indexed in SCI-E, January 2022  
Toxicology Reports, Journal Indexed in ESCI, December 2021  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, December 2021  
Toxicology Research and Application, Other Indexed Journal, December 2021  
Toxicology Research and Application, Other Indexed Journal, December 2021  
MEDICINE, Journal Indexed in SCI-E, November 2021  
HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, September 2021  
MEDICINE, Journal Indexed in SCI-E, September 2021  
MEDICINE, Journal Indexed in SCI-E, August 2021

## **Metrics**

Publication: 54  
Citation (WoS): 61  
Citation (Scopus): 72  
H-Index (WoS): 4  
H-Index (Scopus): 4

## **Congress and Symposium Activities**

1st International Health Sciences Research Days Congress, Attendee, İstanbul, Turkey, 2022  
International Pharmaceutical Biotechnology Symposium, Attendee, İzmir, Turkey, 2021  
56th Congress of the European Societies of Toxicology, Attendee, Zürich, Switzerland, 2021  
13th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2021  
Endokrin Bozucular ve Çocuk Sağlığı Sempozyumu, Attendee, Ankara, Turkey, 2020  
10th International Congress of the Turkish Society of Toxicology, Attendee, Antalya, Turkey, 2019  
IV. Toksikoloji Sempozyumu "Toksikolojide Kariyer Günleri", Attendee, Eskişehir, Turkey, 2017  
Turkheltox 2015 Meeting , Attendee, İzmir, Turkey, 2015

## **Scholarships**

EUROTOX 2021 Bursaries, Other International Organizations, 2021 - 2021