

## Doç. Dr. FERDANE DANIŞMAN KALINDEMİRTAŞ

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Sağlık Bilimleri Enstitüsü, Türkiye 2015 - 2020

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Albumin-based nanocarriers loaded with novel Zn(II)-thiosemicarbazone compounds chart a new path for precision breast cancer therapy**  
DANIŞMAN KALINDEMİRTAŞ F., Özerkan D., KARİPER İ. A., Erdemir Cilasun G., Ülküseven B., Erdem-Kuruca S.  
Anti-Cancer Drugs, 2025 (SCI-Expanded)
- II. **Potential multifaceted applications of cisplatin-loaded Camellia sinensis extract/CuO nanoparticles in cytotoxic and apoptotic effects**  
DANIŞMAN KALINDEMİRTAŞ F., Sert E., TAN E., AKYÜZ E., KARAKUŞ S.  
Biomass Conversion and Biorefinery, cilt.14, sa.17, ss.20261-20273, 2024 (SCI-Expanded)
- III. **Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**  
Erdemir G., DANIŞMAN KALINDEMİRTAŞ F., KARİPER İ. A., Kuruca D. S., Özerkan D.  
Journal of Fluorescence, cilt.34, sa.3, ss.1025-1037, 2024 (SCI-Expanded)
- IV. **Enhancement of cytotoxic and apoptotic activity through oolong tea extract-mediated CuO/Cu<sub>2</sub>O nanoparticles**  
Karakuş E. E., Sert E., Erol A., Kalindemirtaş F., ÖZBAŞ F., KARAKUŞ S.  
Journal of Drug Delivery Science and Technology, cilt.94, 2024 (SCI-Expanded)
- V. **Antiproliferative effects of 5FU-AgNPs on different breast cancer cells**  
DANIŞMAN KALINDEMİRTAŞ F., KARİPER İ. A., ÜSTÜNDAĞ H., ÖZSOY C., Erdem-Kuruca S.  
Journal of Taibah University for Science, cilt.18, sa.1, 2024 (SCI-Expanded)
- VI. **Enhanced anticancer effect of newly synthesised albumin-bound Fe(III)-S-Methyl-thiosemicarbazones on breast cancer cells**  
DANIŞMAN KALINDEMİRTAŞ F., Erdem-Kuruca S., Cilasun G. E., SERT E., Özerkan D., BAL DEMİRCİ T., ÜLKÜSEVEN B., KARİPER İ. A.  
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- VII. **Enhanced efficacy of resveratrol-loaded silver nanoparticle in attenuating sepsis-induced acute liver injury: Modulation of inflammation, oxidative stress, and SIRT1 activation**  
Üstündağ H., Danışman Kalindemirtaş F., Doğanay S., Demir Ö., Kurt N., Tahir Huyut M. T., Özgeriş B., Kariper İ. A.  
Shock, cilt.60, sa.5, ss.688-697, 2023 (SCI-Expanded)
- VIII. **A new treatment approach: Melatonin and ascorbic acid synergy shields against sepsis-induced heart and kidney damage in male rats**

Üstündağ H., Doğanay S., Huyut M. T., Kurt N., Demir Ö., Özgeriş F. B., Akbaba Ö., Kalındemirtaş F.  
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- IX. **Synthesis and Anticancerogenic Effect of New Generation Ruthenium-Based Nanoparticle from Homalothecium sericeum with Eco-Friendly Method**  
Samir N., Özerkan D., DANIŞMAN KALINDEMİRTAŞ F., KARİPER İ. A., Bulut H., Kuruca D. S., Altuner E. M., Ulukaya E.  
Journal of Pharmaceutical Innovation, cilt.18, sa.2, ss.756-767, 2023 (SCI-Expanded)
- X. **The Novel 5-Fluorouracil Loaded Ruthenium-based Nanocarriers Enhanced Anticancer and Apoptotic Efficiency while Reducing Multidrug Resistance in Colorectal Cancer Cells**  
DANIŞMAN KALINDEMİRTAŞ F., Özerkan D., KARİPER İ. A., Bulut H.  
Journal of Fluorescence, cilt.33, sa.3, ss.1227-1236, 2023 (SCI-Expanded)
- XI. **Effective drug combinations of betulinic acid and ceranib-2 loaded Zn:MnO<sub>2</sub> doped-polymeric nanocarriers against PC-3 prostate cancer cells**  
TAN E., Danişman-Kalındemirtaş F., KARAKUŞ S.  
Colloids and Surfaces B: Biointerfaces, cilt.225, 2023 (SCI-Expanded)
- XII. **DNA groove binder and significant cytotoxic activity on human colon cancer cells: Potential of a dimeric zinc (II) phthalocyanine derivative**  
Batıbay G. S., KESER KARAOĞLAN G., GÜMRÜKÇÜ KÖSE G., ÖZÇELİK KAZANCIOĞLU E., Metin E., DANIŞMAN KALINDEMİRTAŞ F., Erdem Kuruca S., ARSU N.  
Biophysical Chemistry, cilt.295, 2023 (SCI-Expanded)
- XIII. **Anticancer drug doxorubicin (DOX) loading performance of functionalized polyaniline (PANI) surface with active carbon**  
CAN M. M., Shawuti S., Kalındemirtaş F., Erdemir G., Kuruca D. S., Kaneko S., Aktas Z., Oncul O.  
Journal of Materials Science, cilt.58, sa.11, ss.4726-4738, 2023 (SCI-Expanded)
- XIV. **Propolis nanoparticles synthesis and characterization with cytotoxic and apoptotic effects on breast cancer cells**  
Ay E. N., Caner A., Özsoy Hepokur C., DANIŞMAN KALINDEMİRTAŞ F., Özen Eroğlu G., KARİPER İ. A.  
Journal of Taibah University for Science, cilt.17, sa.1, 2023 (SCI-Expanded)
- XV. **Evaluation of anticancer effects of carboplatin-gelatin nanoparticles in different sizes synthesized with newly self-assembly method by exposure to IR light**  
DANIŞMAN KALINDEMİRTAŞ F., KARİPER İ. A., Erdemir G., Sert E., Erdem-Kuruca S.  
Scientific Reports, cilt.12, sa.1, 2022 (SCI-Expanded)
- XVI. **The evaluation of anticancer activity by synthesizing 5FU loaded albumin nanoparticles by exposure to UV light**  
Kalındemirtaş F., KARİPER İ. A., Sert E., Okşak N., Kuruca S. E.  
Toxicology in Vitro, cilt.84, 2022 (SCI-Expanded)
- XVII. **Kappa Carrageenan/PEG-halloysite nanocomposites: Surface characterization with an artificial intelligence technique, antimicrobial, and anticancer properties**  
Karahan G., TAN E., DANIŞMAN KALINDEMİRTAŞ F., Erdem-Kuruca S., KARAKUŞ S.  
Journal of Drug Delivery Science and Technology, cilt.75, 2022 (SCI-Expanded)
- XVIII. **New oxovanadium(IV) complexes overcame drug resistance and increased in vitro cytotoxicity by an apoptotic pathway in breast cancer cells**  
Kalındemirtaş F., KAYA B., Sert E., Şahin O., Kuruca S. E., ÜLKÜSEVEN B.  
Chemico-Biological Interactions, cilt.363, 2022 (SCI-Expanded)
- XIX. **Kappa carrageenan/PEG-CuO nanoparticles as a multifunctional nanoplatform: digital colorimetric biosensor and anticancer drug nanocarrier**  
Karabatak A., DANIŞMAN KALINDEMİRTAŞ F., TAN E., Erdem-Kuruca S., KARAKUŞ S.  
Applied Physics A: Materials Science and Processing, cilt.128, sa.8, 2022 (SCI-Expanded)
- XX. **Preparation and biological evaluation of novel 5-Fluorouracil and Carmofur loaded polyethylene glycol / rosin ester nanocarriers as potential anticancer agents and ceramidase inhibitors**  
Danişman-Kalındemirtaş F., Birman H., KARAKUŞ S., Kilislioğlu A., Erdem-Kuruca S.  
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- XXI. **New thiosemicarbazone-based Zinc(II) complexes. In vitro cytotoxicity competing with cisplatin on malignant melanoma A375 cells and its relation to neuraminidase inhibition**  
KAYA B., Kalındemirtaş F., Ertik O., YANARDAĞ R., Kuruca S. E., ÜLKÜSEVEN B.  
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- XXII. **Selective Cytotoxic Effects of 5-Trifluoromethoxy-1H-indole-2,3-dione 3-Thiosemi-carbazone Derivatives on Lymphoid-originated Cells**  
Danışman-Kalındemirtaş F., Erdem-Kuruca S., Akgün-Dar K., Karakaş Z., SOYLU ETER Ö., KARALI N. L.  
Anti-Cancer Agents in Medicinal Chemistry, cilt.22, sa.2, ss.349-355, 2022 (SCI-Expanded)
- XXIII. **Oxovanadium(IV) complexes with tetradentate thiosemicarbazones. Synthesis, characterization, anticancer enzyme inhibition and in vitro cytotoxicity on breast cancer cells**  
Ertik O., Danışman Kalındemirtaş F., KAYA B., YANARDAĞ R., Erdem Kuruca S., Şahin O., ÜLKÜSEVEN B.  
Polyhedron, cilt.202, 2021 (SCI-Expanded)
- XXIV. **Iron(III) complexes based on tetradentate thiosemicarbazones: Synthesis, characterization, radical scavenging activity and in vitro cytotoxicity on K562, P3HR1 and JURKAT cells**  
Kalındemirtaş F., KAYA B., BENER M., Şahin O., Kuruca S. E., BAL DEMİRCİ T., ÜLKÜSEVEN B.  
Applied Organometallic Chemistry, cilt.35, sa.4, 2021 (SCI-Expanded)
- XXV. **Selective cytotoxicity of paclitaxel bonded silver nanoparticle on different cancer cells**  
Danışman-Kalındemirtaş F., KARİPER İ. A., Hepokur C., Erdem-Kuruca S.  
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- XXVI. **The interaction of light-activatable 2-thioxanthone thioacetic acid with ct-DNA and its cytotoxic activity: Novel theranostic agent**  
ATACI N., ÖZÇELİK KAZANCIOĞLU E., Kalındemirtaş F., KURUCA D. S., ARSU N.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, cilt.239, 2020 (SCI-Expanded)
- XXVII. **Cytotoxic effects of some flavonoids and imatinib on the K562 chronic myeloid leukemia cell line: Data analysis using the combination index method**  
Danışman Kalındemirtaş F., Birman H., Candöken E., BİLGİÇ GAZİOĞLU S., MELİKOĞLU G., Kuruca S.  
Balkan Medical Journal, cilt.36, sa.2, ss.96-105, 2019 (SCI-Expanded)

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Laurus nobilis Esansiyel Yağının Sıçanlarda İndometasin Kaynaklı Mide Ülserinin Azaltılmasında Potansiyel Rolü**  
ÜSTÜNDAĞ H., TAŞ N. G., KURT N., İSSİN G., KALINDEMİRİTAŞ F. D., KARAKUŞ S.  
Online Türk Sağlık Bilimleri Dergisi, cilt.9, sa.1, ss.89-96, 2024 (Hakemli Dergi)
- II. **Cytotoxic Effects of Cisplatin and Carboplatin Loaded Albumin Nanoparticles on Breast Cancer Cells**  
DANIŞMAN KALINDEMİRİTAŞ F., KARİPER İ. A.  
Online Türk Sağlık Bilimleri Dergisi, cilt.8, sa.1, ss.115-121, 2023 (Hakemli Dergi)
- III. **HCT116 ve HT29 Kolon Kanseri Hücrelerinde 5-Florourasil Kaynaklı Hücre Ölümünün Fourier Dönüşümlü Kızılötesi Spektroskopisi ile İncelenmesi**  
ÖZERKAN D., DANIŞMAN KALINDEMİRİTAŞ F., TÜZEMEN N.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, cilt.11, sa.1, ss.524-535, 2023 (Hakemli Dergi)
- IV. **Cytotoxic and Apoptotic Effects of Carmofur and Vitamin C Combination on HCT116 Colon Cancer Cells**  
DANIŞMAN KALINDEMİRİTAŞ F.  
Experimed, cilt.12, sa.1, ss.6-11, 2022 (Scopus)
- V. **A new method for synthesis of carbon nanoparticle and its applications**  
KARİPER İ. A., Hepokur C., DANIŞMAN KALINDEMİRİTAŞ F., Kuruca S. E.  
Journal of Taibah University for Science, cilt.16, sa.1, ss.966-975, 2022 (Scopus)

## Kitap & Kitap Bölümleri

### I. Kan Fizyolojisi

ÜSTÜNDAĞ H., DANIŞMAN KALINDEMİRTAŞ F.

SAĞLIK BİLİMLERİNDE FİZYOLOJİ Ders Kitabı, Dr. Öğr. Üyesi Gülnihal Deniz, Doç. Dr. Sermin Algül, Editör, Nobel Tıp Kitabevleri, ss.41-56, 2022

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **ANALYSIS OF PACLITAXEL EFFECT IN BREAST CANCER CELLS BY FTIR SPECTROSCOPY**  
DANIŞMAN KALINDEMİRTAŞ F.  
10. INTERNATIONAL GEVHER NESİBE MEDICAL SCIENCES CONFERENCE, Ankara, Türkiye, 3 - 05 Şubat 2023, ss.183-184
- II. **Neuraminidase, Urease and Xanthine Oxidase Inhibitory Activities of Some Oxovanadium (IV) Complexes**  
ERTİK O., KAYA B., DANIŞMAN KALINDEMİRTAŞ F., KURUCA D. S., ÜLKÜSEVEN B., YANARDAĞ R.  
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Türkiye, 24 - 26 Kasım 2021, ss.1114
- III. **CD44 AND CD24 STEM CELL MARKERS IN AGS GASTRIC CANCER CELLS AFTER 5FU TREATMENT**  
DANIŞMAN KALINDEMİRTAŞ F.  
3rd INTERNATIONAL 5 OCAK CONGRESS ON APPLIED SCIENCES, Adana, Türkiye, 4 - 05 Ocak 2022, ss.139-140
- IV. **Preparation of Drug Loaded Polymeric Nanoparticles as Ceramidase Inhibitor**  
DANIŞMAN KALINDEMİRTAŞ F., BİRMAN H., İLGAR M., TAN E., KARAKUŞ S., KİLİSLİOĞLU A., KURUCA D. S.  
Uluslararası İVEK Bio Kongresi, İstanbul, Türkiye, 26 - 28 Kasım 2018
- V. **Cytotoxic Effect of Vanadium Complexes that has Elastase Enzyme Inhibitor Activity On Breast Cancer Cells**  
DANIŞMAN KALINDEMİRTAŞ F., KURUCA D. S., KAYA B., YANARDAĞ R., ERTİK O., ÜLKÜSEVEN B.  
1 st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), Türkiye, 4 - 06 Ekim 2018
- VI. **İnsan lökemi hücreleri K562 ve HL60 hücre serilerinde bazı flavonoid bileşiklerinin sitotoksik etkilerinin karşılaştırılması**  
DANIŞMAN F., BİRMAN H., Çandöken E., KURUCA D. S., MELİKOĞLU G., ALBENİZ I.  
42. Ulusal Fizyoloji Kongresi, Türkiye, 05 Eylül 2016 - 08 Eylül 2018, cilt.218, ss.61
- VII. **Endokrin Bozucu Bileşiklerin Gebelik döneminde Fötal Gelişim Üzerindeki Etkileri**  
ALBENİZ I., ÇELİKOK Y., DANIŞMAN F., TÜRKER ŞENER L., Ahabab M., Albeniz G., Albeniz G., Albeniz G.  
42. Ulusal Fizyoloji Kongresi, Türkiye, 5 - 08 Eylül 2016, ss.79
- VIII. **Cytotoxic effects of flavonoids combined with imatinib on human chronic myeloid leucemia cell lines**  
BİRMAN H., DANIŞMAN F., Eda Ç., KURUCA D. S., MELİKOĞLU G.  
The Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies in Kaunas, Litvanya, 26 - 29 Ağustos 2015, ss.124
- IX. **Investigation of Apoptotic Effects of some Flavonoids on Human Chronic Myeloid Leukemia Cell Lines**  
DANIŞMAN F., BİRMAN H., candöken e., KURUCA D. S., MELİKOĞLU G., PURİSA S., ÇORAPCI B., KÖSTEKLİ B., KÖKLÜ R.  
41.Ulusal fizyoloji Kongresi, Çanakkale, Türkiye, 9 - 14 Eylül 2015, ss.78-79
- X. **Investigation of DNA Damage using the Comet Assay**  
TÜRKER ŞENER L., BİRMAN H., ALBENİZ I., DANIŞMAN F.  
41. Ulusal Fizyoloji Kongresi, Çanakkale, Türkiye, 9 - 13 Eylül 2015, ss.79

## **Patent**

Ülküseven B., Yanardağ R., Kuruca D. S., Danışman Kalındemirtaş F., Ertik O., Kaya B., Antikanser Etkili Yeni Vanadyum Kompleksleri, Patent, BÖLÜM A İnsan İhtiyaçları, Buluşun Tescil No: 2018/12471 , Standart Tescil, 2022

## **Metrikler**

Yayın: 43

Atf (Scopus): 142

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