

KALINDEMİRTAŞ

Personal Information

Email: fdanisman@erzincan.edu.tr

Web: <https://avesis.ebyu.edu.tr/fdanisman>

International Researcher IDs

ORCID: 0000-0001-7085-8596

Yoksis Researcher ID: 45783

Education Information

Doctorate, Istanbul University, Health Sciences Institute, Turkey 2015 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Potential multifaceted applications of cisplatin-loaded *Camellia sinensis* extract/CuO nanoparticles in cytotoxic and apoptotic effects**
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- II. **Comparison of Selenic Acid and Pyruvic Acid-Loaded Silver Nanocarriers Impact on Colorectal Cancer Viability**
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- III. **Enhancement of cytotoxic and apoptotic activity through oolong tea extract-mediated CuO/Cu₂O nanoparticles**
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- IV. **Enhanced anticancer effect of newly synthesised albumin-bound Fe(III)-S-Methyl-thiosemicarbazones on breast cancer cells**
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- V. **Antiproliferative effects of 5FU-AgNPs on different breast cancer cells**
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- VI. **Enhanced efficacy of resveratrol-loaded silver nanoparticle in attenuating sepsis-induced acute liver injury: Modulation of inflammation, oxidative stress, and SIRT1 activation**
Üstündağ H., Danişman Kalindemirtaş F., Doğanay S., Demir Ö., Kurt N., Tahir Huyut M. T., Özgeriş B., Kariper İ. A.
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- VII. **A new treatment approach: Melatonin and ascorbic acid synergy shields against sepsis-induced heart and kidney damage in male rats**

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- VIII. **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.
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- IX. **The Novel 5-Fluorouracil Loaded Ruthenium-based Nanocarriers Enhanced Anticancer and Apoptotic Efficiency while Reducing Multidrug Resistance in Colorectal Cancer Cells**
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- X. **Effective drug combinations of betulinic acid and ceranib-2 loaded Zn:MnO₂ doped-polymeric nanocarriers against PC-3 prostate cancer cells**
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- XI. **DNA groove binder and significant cytotoxic activity on human colon cancer cells: Potential of a dimeric zinc (II) phthalocyanine derivative**
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- XII. **Anticancer drug doxorubicin (DOX) loading performance of functionalized polyaniline (PANI) surface with active carbon**
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- XIII. **Propolis nanoparticles synthesis and characterization with cytotoxic and apoptotic effects on breast cancer cells**
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- XIV. **Evaluation of anticancer effects of carboplatin-gelatin nanoparticles in different sizes synthesized with newly self-assembly method by exposure to IR light**
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- XV. **The evaluation of anticancer activity by synthesizing 5FU loaded albumin nanoparticles by exposure to UV light**
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- XVI. **Kappa Carrageenan/PEG-halloysite nanocomposites: Surface characterization with an artificial intelligence technique, antimicrobial, and anticancer properties**
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- XVII. **New oxovanadium(IV) complexes overcame drug resistance and increased in vitro cytotoxicity by an apoptotic pathway in breast cancer cells**
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- XVIII. **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.
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- XIX. **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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- XX. **New thiosemicarbazone-based Zinc(II) complexes. In vitro cytotoxicity competing with cisplatin on malignant melanoma A375 cells and its relation to neuraminidase inhibition**
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- XXI. **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.
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- XXII. **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.
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- XXIII. **Iron(III) complexes based on tetradentate thiosemicarbazones: Synthesis, characterization, radical scavenging activity and in vitro cytotoxicity on K562, P3HR1 and JURKAT cells**
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- XXIV. **Selective cytotoxicity of paclitaxel bonded silver nanoparticle on different cancer cells**
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- XXV. **The interaction of light-activatable 2-thioxanthone thioacetic acid with ct-DNA and its cytotoxic activity: Novel theranostic agent**
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- XXVI. **Cytotoxic effects of some flavonoids and imatinib on the K562 chronic myeloid leukemia cell line: Data analysis using the combination index method**
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- I. **Potential Role of Laurus nobilis Essential Oil in Reducing Indomethacin-Induced Gastric Ulcer in Rats**
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- II. **Cytotoxic Effects of Cisplatin and Carboplatin Loaded Albumin Nanoparticles on Breast Cancer Cells**
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- III. **HCT116 ve HT29 Kolon Kanseri Hücrelerinde 5-Florourasil Kaynaklı Hücre Ölümünün Fourier Dönüşümlü Kızılötesi Spektroskopisi ile İncelenmesi**
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- V. **A new method for synthesis of carbon nanoparticle and its applications**
KARİPER İ. A., Hepokur C., DANIŞMAN KALINDEMİRTAŞ F., Kuruca S. E.
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I. Kan Fizyolojisi

ÜSTÜNDAĞ H., DANIŞMAN KALINDEMİRTAŞ F.

in: SAĞLIK BİLİMLERİNDE FİZYOLOJİ Ders Kitabı, Dr. Öğr. Üyesi Gülnihal Deniz, Doç. Dr. Sermin Algül, Editor, Nobel Tıp Kitabevleri, pp.41-56, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **ANALYSIS OF PACLITAXEL EFFECT IN BREAST CANCER CELLS BY FTIR SPECTROSCOPY**
DANIŞMAN KALINDEMİRTAŞ F.
10. INTERNATIONAL GEVHER NESİBE MEDICAL SCIENCES CONFERENCE, Ankara, Turkey, 3 - 05 February 2023, pp.183-184
- II. **Neuraminidase, Urease and Xanthine Oxidase Inhibitory Activities of Some Oxovanadium (IV) Complexes**
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- III. **CD44 AND CD24 STEM CELL MARKERS IN AGS GASTRIC CANCER CELLS AFTER 5FU TREATMENT**
DANIŞMAN KALINDEMİRTAŞ F.
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- IV. **Preparation of Drug Loaded Polymeric Nanoparticles as Ceramidase Inhibitor**
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- V. **Cytotoxic Effect of Vanadium Complexes that has Elastase Enzyme Inhibitor Activity On Breast Cancer Cells**
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1 st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), Turkey, 4 - 06 October 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.
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- VII. **Endokrin Bozucu Bileşiklerin Gebelik döneminde Fötal Gelişim Üzerindeki Etkileri**
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- VIII. **Cytotoxic effects of flavonoids combined with imatinib on human chronic myeloid leucemia cell lines**
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- 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.
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- X. **Investigation of DNA Damage using the Comet Assay**
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Patent

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