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International Researcher IDs

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Education Information

Doctorate, Ankara Yıldırım Beyazıt University, Sağlık Bilimleri Enstitüsü, Cancer Biology, Turkey 2015 - 2021

Postgraduate, Yıldırım Beyazıt Üniversitesi, Sağlık Bilimleri Enstitüsü, Kanser Biyolojisi (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2011

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Investigation of the Effects of Carbonic Anhydrase-IX Inhibition on B-Raf Protein in Melanoma Cell Line, Ankara Yıldırım Beyazıt University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021

Postgraduate, YENİ SENTEZLENMİŞ KROMON TEMELLİ SÜLFONAMİDLERİN (KTS) SİTOZOLİK KARBONİK ANHİDRAZ I-II (CA I-II) VE TÜRÖR İLİŞKİLİ KARBONİK ANHİDRAZ IX-XII (CA IX-XII) İZOENZİMLERİ ÜZERİNE İNHİBİSYON ETKİLERİNİN ARAŞTIRILMASI, Yıldırım Beyazıt Üniversitesi, Sağlık Bilimleri Enstitüsü, Kanser Biyolojisi (YI) (Tezli), 2015

Research Areas

Medical Biology

Academic Titles / Tasks

Research Assistant PhD, Ankara Yıldırım Beyazıt University, Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - Continues

Courses

Medical Biology and Genetics, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **HIF-1 inhibitors: differential effects of Acriflavine and Echinomycin on tumor associated CA-IX enzyme and VEGF in melanoma** Melanomda HIF-1 inhibitörleri olan Akriflavin ve Ekinomisin'in tümör ilişkili CA-IX enzimi ve VEGF proteini üzerine inhibisyon etkilerinin incelenmesi
Bedir B. E. Ö., TERZİ E., ŞİMŞEK E., Karakuş İ., UYSAL T. K., ERCAN E., Güler Ö. Ö.
Turkish Journal of Biochemistry, vol.46, no.6, pp.679-684, 2021 (SCI-Expanded)
- II. **Do CO 2 and oxidative stress induce cancer?: a brief study about the evaluation of PON 1, CAT, CA and XO enzyme levels on head and neck cancer patients**
Mutlu M., Korkmaz M. H., Simsek E., Terzi E., Bedir B. E., Uysal T. K., Bayir O., Saylam G., Guler Ö.
Journal of Enzyme Inhibition and Medicinal Chemistry, vol.34, no.1, pp.459-464, 2019 (SCI-Expanded)
- III. **Synthesis, carbonic anhydrase inhibition and cytotoxic activity of novel chromone-based sulfonamide derivatives.**
Awadallah F. M., El-Waei T. A., Hanna M. M., Abbas S. E., Ceruso M., Oz B. E., Guler Ö., Supuran C. T.
European journal of medicinal chemistry, vol.96, pp.425-35, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Differential in vitro Effects of Oncogenic Pathway Inhibitors on Carbonic Anhydrase- IX, Xanthine Oxidase and Catalase in Colorectal Cancer**
ÖZ BEDİR B. E., TERZİ E., ÖZENSOY GÜLER Ö.
International Journal of Medical Biochemistry, vol.6, pp.36-41, 2023 (Scopus)
- II. **A new therapeutic target in the glutathione mechanism: Inhibition of tumor-associated CA-IX isoenzyme and oxidative stress**
TERZİ E., ÖZ BEDİR B. E., ÖZENSOY GÜLER Ö.
Uludağ Üniversitesi Tıp Fakültesi Dergisi, vol.48, pp.161-166, 2022 (Peer-Reviewed Journal)
- III. **Enzymes During Pregnancy: Cytosolic Carbonic Anhydrase, Catalase, Paraoxonase 1 and Xanthine Oxidase Levels**
ŞİMŞEK E., YAVUZ A. F., TERZİ E., ÖZ BEDİR B. E., UYSAL T. K., haqverdiyev e., ÖZENSOY GÜLER Ö.
Online Türk Sağlık Bilimleri Dergisi, 2019 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Borik Asidin Hepatoselüler Karsinom Hücrelerinde Glutasyon Peroksidaz Enzim Aktivitesi Üzerindeki Farklı Etkileri**
ÇALIŞKAN B., UYSAL T. K., ŞİMŞEK E., ÖZENSOY GÜLER Ö., TERZİ E., ÖZ BEDİR B. E.
IGSCONG'22, 2. Uluslararası Lisansüstü Çalışmalar Kongresi, Turkey, 8 - 11 June 2022
- II. **The Effect Of Thymoquinone On The Expression Of PLA2G7, UCP2, And NEDD4L Genes Associated With Oil Droplet Formation In Prostate Cancer.**
HADJ MIMOUNE A., ÖZENSOY GÜLER Ö., ÇARHAN A., ERCİN M. E., ÖZ BEDİR B. E.
IGSCONG'22, 2. Uluslararası Lisansüstü Çalışmalar Kongresi, Turkey, 8 - 11 June 2022
- III. **Detection of Circulating Tumor Cells (CTCs) in Various Types of Cancer**
TERZİ E., ŞİMŞEK E., ÖZ BEDİR B. E., UYSAL T. K., ERCAN E., ÇARHAN A., ÖZENSOY GÜLER Ö.
TBS International Biochemistry Congress 2018, Muğla, Turkey, 26 - 30 October 2018
- IV. **The Importance of CTC Heterogeneity**
UYSAL T. K., ŞİMŞEK E., ÖZ BEDİR B. E., ERCAN E., TERZİ E., ÖZENSOY GÜLER Ö.
1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017
- V. **The Role of CTC Clusters in Metastasis**
ÖZ BEDİR B. E., ŞİMŞEK E., UYSAL T. K., TERZİ E., ERCAN E., ÖZENSOY GÜLER Ö.

1st International Congress on Cancer and Ion Channels, Şanlıurfa, Turkey, 21 - 23 September 2017

- VI. **Detection of Circulating Tumor Cells (CTCs) in Head and Neck Cancer Patients**
TERZİ E., ŞİMŞEK E., ÇARHAN A., ERCAN E., UYSAL T. K., ÖZ BEDİR B. E., ÖZENSOY GÜLER Ö.
1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017
- VII. **Detection of Circulating Tumor Cells (CTCs) in Head and Neck Cancer Patients**
TERZİ E., ŞİMŞEK E., ÇARHAN A., ERCAN E., UYSAL T. K., ÖZ BEDİR B. E., ÖZENSOY GÜLER Ö.
1st International Congress on Cancer and Ion Channels, 21 - 23 September 2017
- VIII. **CA-IX AND CA-XII ISOENZYMES: BIOMARKERS OF CANCER?**
ÖZ BEDİR B. E., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- IX. **EXOSOMES: A NEW GENERATION DRUG DELIVERY VEHICLE IN CANCER**
ÖZ BEDİR B. E., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- X. **CA-IX AND CA-XII ISOENZYMES: BIOMARKERS OF CANCER?**
ÖZ BEDİR B. E., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
INTERNATIONAL DNA DAY AND GENOME CONGRESS, 24 - 28 April 2017
- XI. **Being a Women in Science**
ÖZ B. E., TERZİ E., Arkan T. K., ÇARHAN A., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
1st Women's Congress, 14 - 16 November 2016
- XII. **A novel strategy for determining circulating tumour cells in lungcancer**
Arkan T. K., ÖZ B. E., Ersan B., Ercan E., ŞENDUR M. A. N., Alparslan Pınarlı F., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.
10th ISMRC International Symposium on Minimal Residual Cancer Liquid Biopsy in Cancer Diagnostic and Treatment, Hamburg, Germany, 19 - 21 March 2016, pp.73
- XIII. **Does circulating tumor cell used as a liquid biopsy detector**
ÖZ B. E., Arkan T. K., Ersan B., Ercan E., Yalçinkaya T., ŞİMŞEK E., ÇARHAN A., ÖZENSOY GÜLER Ö.
10th ISMRC International Symposium on Minimal Residual Cancer Liquid Biopsy in Cancer Diagnostic and Treatment, Hamburg, Germany, 19 - 21 March 2016, pp.74
- XIV. **Karbonik Anhidraz Ankilozan Spondilit**
ARKAN T. K., ÖZ B. E., Ersan B., ÖZENSOY GÜLER Ö.
İbn-i Sina Poster Günü, Turkey, 08 May 2015
- XV. **Catalase carbonic anhydrase and xanthine oxidase activities in patients with mycosis fungoides**
TERZİ E., ÖZ B. E., CENGİZ F. P., Beyaztaş S., gökçe b., ARSLAN O., ŞİMŞEK E., ÖZENSOY GÜLER Ö.
39th FEBS 2014, 30 August - 04 September 2014
- XVI. **Differential in vitro inhibition studies of some cerium vanadate derivatives on Xanthine oxidase**
ÖZ B. E., TERZİ E., KAYA M. O., kaya y., ÇELİK GÜL G., KURTULUŞ F., ARSLAN O., ÖZENSOY GÜLER Ö.
39th FEBS 2014, 30 August - 04 September 2014

Activities in Scientific Journals

JOURNAL OF RESEARCH IN PHARMACY, Editor, 2022 - Continues

Metrics

Publication: 22

Citation (WoS): 25

Citation (Scopus): 44

H-Index (WoS): 1

H-Index (Scopus): 2

Scholarships

2211-A, TUBITAK, 2015 - 2019

Non Academic Experience

Special Research Center, Düzen Laboratuvarlar Grubu, Sitogenetik