

## Res. Asst. EZGİ BALKAN

### Personal Information

Email: ebalkan@bezmialem.edu.tr

### Education Information

Doctorate, Bezmialem Vakıf University, Health Sciences Institute, Turkey 2019 - Continues

Post Graduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2013 - 2019

Under Graduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2008 - 2013

### Foreign Languages

English, C1 Advanced

### Dissertations

Post Graduate, INVESTIGATION OF THE EFFECTS OF PLANT PHENOLIC OLEUROPEIN ON EXPRESSION LEVELS OF XENOBIOTIC METABOLIZING ENZYMES ALONG WITH POTENTIAL CYTOTOXIC AND GENOTOXIC IMPACT ON HUMAN COLON CANCER CELL LINE HT-29, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biochemistry, 2020

### Research Areas

Health Sciences, Natural Sciences

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Quercus pyrenaica Honeydew Honey With High Phenolic Contents Cause DNA Damage, Apoptosis, and Cell Death Through Generation of Reactive Oxygen Species in Gastric Adenocarcinoma Cells**  
KOÇYİĞİT A., Aydogdu G., BALKAN E., Yenigun V. B. , GÜLER E. M. , BULUT H., KÖKTAŞOĞLU F., Goeren A. C. , Atayoglu A. T.  
INTEGRATIVE CANCER THERAPIES, vol.18, 2019 (Journal Indexed in SCI)
- II. **Mediastinal cystic lymphangioma: Report of two cases**  
TOPÇU S., Soysal Ö., BALKAN E., YALÇINKAYA I., DEMİRCAN S., GuĖhan E.  
Thoracic and Cardiovascular Surgeon, vol.45, no.4, pp.209-210, 1997 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Rheum ribes L.'nin etanol ekstraktlarının malign melanom hücreleri üzerine anti-kanser etkinliđi**  
KİRMİT A., TAKIM K., BALKAN E., GÜLER E. M. , YENİGÜN V. B. , BULUT H., KOÇYİĞİT A.  
Journal of Health Sciences and Medicine, vol.3, no.2, pp.148-152, 2020 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Ganoderma Resinaceum's Cytotoxic, Genotoxic, Apoptotic and Autophagic Effects on Gastric Adenocarcinoma Cells**  
Kaymakcı M. A. , GÜLER E. M. , BALKAN E., KOÇYİĞİT A.  
Bezmialem Vakf Üniversitesi Tıp Fakültesi 14 Mart Bilimsellik Komitesi, İstanbul, Turkey, 14 March 2019
- II. **IŞKIN KÖKÜ EKSTRESİNİN MALİGN MELANOM HÜCRELERİ ÜZERİNE ANTI-KANSER ETKSİNİN ARAŞTIRILMASI**  
KİRMİT A., KOÇYİĞİT A., TAKIM K., YENİGÜN V. B. , BULUT H., GÜLER E. M. , BALKAN E.  
2. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VESAĞLIK BİLİMLERİ KONGRESİ, Şanlıurfa, Turkey, 4 - 07 October 2018, pp.118-123
- III. **Quercus Pyrenaica Honeydew Honey Induces DNA Damage, Apoptosis and Cell Death Through Generation of Reactive Oxygen Species in Gastric Cancer Cells**  
KOÇYİĞİT A., Aydoğdu G., BALKAN E., YENİGÜN V. B. , DEDEKAYOĞULLARI H., GÜLER E. M. , KÖKTAŞOĞLU F.  
20th ISANH International Conference on Oxidative Stress, Redox Homeostasis Antioxidants - Paris Redox 2018, Paris, France, 25 - 26 June 2018
- IV. **In Vitro Antioxidant and Anticancer Activities of Some Local Plants from Bolu Province of Turkey**  
Kasapoğlu K. N. , KOÇYİĞİT A., YENİGÜN V. B. , BALKAN E., Demircan E., Karbancıoğlu-Güler F., Özçelik B.  
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 08 November 2017, vol.1, no.10, pp.1063

## Supported Projects

Babalı Balıbey F., Özman Z., Yenigün V. B. , Koçyiğit A., Balkan E., Project Supported by Other Private Institutions, Kazdağları meşe palamudu (*Quercus pyrenaica*) balının kolon kanseri hücreleri (LoVo) ve normal kolon epitel hücreleri (CCD-18Co) üzerine sitotoksik, genotoksik, apoptotik etkinliğinin araştırılması ve manuka balı ile karşılaştırılması, 2021 - 2022

Koçyiğit A., Yenigün V. B. , Güler E. M. , Balkan E., Project Supported by Higher Education Institutions, Türkiye'de üretilen propolis ekstraktının kolon kanseri üzerine antitümör etkilerinin in vitro ve in vivo araştırılması, 2017 - 2019

Koçyiğit A., Güler E. M. , Yenigün V. B. , Balkan E., Project Supported by Higher Education Institutions, Biyoaktif kinolin türevlerinin kanser hücreleri üzerinde sitotoksik, genotoksik, apoptotik ve otofajik özelliklerinin araştırılması, 2017 - 2018

## Citations

Total Citations (WOS):8

h-index (WOS):2