



# ELIF MERTOĞLU KAMALI

## DR. ÖĞR. ÜYESİ

E-posta : elif.mertoglu@istanbul.edu.tr

İş Telefonu : +90 212 455 5700 Dahili: 20385

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-3606-4722

Publons / Web Of Science ResearcherID: A-9004-2018

ScopusID: 58045331500

Yoksis Araştırmacı ID: 216994

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

- Phytochemical profiling, in vitro biological activities, and in silico (molecular docking and absorption, distribution, metabolism, excretion, toxicity) studies of *Polygonum cognatum* Meissn**  
Akpınar R., YILDIRIM BAŞTEMUR G., BIÇAK B., ŞANLI N. Ö., MERTOĞLU KAMALI E., PEKMEZ M., KECEL GÜNDÜZ S., Percin oezkorucuklu S.  
JOURNAL OF SEPARATION SCIENCE, cilt.47, 2024 (SCI-Expanded)
- Novel vitamin K3 analogs containing 3-N-substituted aromatic and piperazine rings with selective in vitro anticancer activity against HeLa, U87 MG, and MCF-7 cells**  
Abdassalam A. F. S. H., DENİZ N. G., SAYIL M. Ç., ÖNAY UÇAR E., Mertoglu E., Arda N.  
MEDICINAL CHEMISTRY RESEARCH, cilt.32, sa.3, ss.475-484, 2023 (SCI-Expanded)
- Hsp27, Hsp60, Hsp70, or Hsp90 depletion enhances the antitumor effects of resveratrol via oxidative and ER stress response in human glioblastoma cells**  
Önay Uçar E., Şengelen A., Mertoğlu Kamalı E.  
BIOCHEMICAL PHARMACOLOGY, cilt.208, 2023 (SCI-Expanded)
- Selective and oxidative stress-mediated cell death of MCF-7 cell line induced by terpinolene**  
Kig C., Mertoglu E., Caliskan A., Ağuş H. H., Ucar E. O., Guler V.  
BIOLOGIA, cilt.76, sa.9, ss.2757-2766, 2021 (SCI-Expanded)
- Episodic psychosis, ataxia, motor neuropathy with pyramidal signs (PAMP syndrome) caused by a novel mutation in ADPRHL2 (AHR3)**  
Durmus H., Mertoglu E., Sticht H., Ceylaner S., Kulaksizoglu I. B., Hashemolhosseini S., Ucar E. O., Parman Y.  
NEUROLOGICAL SCIENCES, cilt.42, sa.9, ss.3871-3878, 2021 (SCI-Expanded)
- Identification of natural compounds of Jurinea species by LC-HRMS and GC-FID and their bioactivities**  
Boke Sarikahya N., Sumer Okkali G., Celenk V. U., Mertoğlu E., Pekmez M., Arda N., Topcu G., Goren A. C.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.202, 2021 (SCI-Expanded)
- Targeting Heat Shock Protein 27 (HspB1) in Glioblastoma Cells with the Combination of Resveratrol and Temozolomide**  
Mertoglu E., ÖNAY UÇAR E.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, cilt.31, sa.4, ss.221-229, 2021 (SCI-Expanded)
- Synthesis and antiproliferative evaluation of some 1,4-naphthoquinone derivatives against human cervical cancer cells**

KAÇMAZ A., DENİZ N. G., AYDINLI S. G., Sayil C., Onay-Ucar E., Mertoglu E., Arda N.

OPEN CHEMISTRY, cilt.17, sa.1, 2019 (SCI-Expanded)

9. **Estimation of the Y-chromosomal short tandem repeat (Y-STR) mutation rates in Turkey**  
Mertoglu E., Filoglu G., Zorlu T., Bulbul O.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.43, sa.2, ss.142-150, 2018 (SCI-Expanded)
10. **Viscum album L. Extracts Protects HeLa Cells against Nuclear and Mitochondrial DNA Damage**  
Onay-Ucar E., Erol O., Kandemir B., Mertoglu E., Karagoz A., Arda N.  
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, cilt.2012, 2012 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

1. **Dose-dependent cytotoxic and proliferative effects of Microcystis aeruginosa extract and its fractions on human endothelial cells**  
Kuşoğlu Gültekin S., Mertoğlu Kamalı E., Yılcıoğlu K., Arda E. Ş. N.  
Aquatic Research, cilt.5, sa.2, ss.117-128, 2022 (Hakemli Dergi)
2. **Polymorphism of 17 Y-chromosome STR markers in Türkiye**  
Filoğlu Tüfek G., Altunçul H., Bülbül Ercan Ö., Mertoğlu E., Zorlu T., Rayimoğlu G., Cengiz S.  
Adli Tıp Dergisi, cilt.30, sa.3, ss.213-221, 2016 (Hakemli Dergi)

## Kitap & Kitap Bölümleri

1. **Chapter 8: Fundamentals of siRNA Therapeutics and Their Efficacy in HSP-targeted Cancer Treatment**  
Şengelen A., Mertoğlu Kamalı E., Tibatan M. A., Çalışkan A., Anaç Ö., Öney Uçar E.  
Heat Shock Proteins (HSP) in Molecular and Cellular Biology of Human Diseases, Heat Shock Proteins Volume 28, Alexzander A.A. Asea, Punit Kaur, Editör, Scientific Scholar LLC, New York, ss.85-99, 2023
2. **Exosomal Heat Shock Proteins in Cancer**  
Öney Uçar E., Mertoğlu Kamalı E., Kıyga E., Şengelen A., Pekmez M., Arda E. Ş. N.  
Heat Shock Proteins (HSP) in Cellular Communication and Signaling, Heat Shock Proteins Volume 26, Alexzander A.A. Asea, Punit Kaur, Editör, Scientific Scholar LLC, New York, ss.139-152, 2023
3. **Therapeutic Drugs and Natural Products: The Effect of Suppressing Heat Shock Proteins (Hsp) in Brain Tumors**  
MERTOĞLU E., Şengelen A., Kıyga E., ÖNAY UÇAR E.  
Heat Shock Proteins in Neuroscience, Heat Shock Proteins Volume 20, Asea A.A.A., Kaur P., Editör, Springer-Verlag, Cham, ss.189-208, 2019
4. **Can Hsp Targeted Gene Therapy Be a New Hope for Gliomas?**  
ÖNAY UÇAR E., Şengelen A., Güngör E., MERTOĞLU E., PEKMEZ M., ARDA E. Ş. N.  
Heat Shock Proteins in Neuroscience, Heat Shock Proteins Volume 20, Asea A.A.A., Kaur P., Editör, Springer-Verlag, Cham, ss.209-230, 2019
5. **HSP70 in Human Diseases and Disorders**  
Öney Uçar E., Şengelen A., Mertoğlu E., Pekmez M., Arda E. Ş. N.  
Suppression of HSP70 Expression by Quercetin and Its Therapeutic Potential Against Cancer, Asea A.A.A., Kaur P., Editör, Springer, London/Berlin, Zug, ss.361-379, 2018

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

1. **Evaluation of the cytotoxic effects of protein and peptide fractions from Microcystis aeruginosa**  
KUŞOĞLU GÜLTEKİN S., MERTOĞLU KAMALI E., YILANCIOĞLU K., ÖNAY UÇAR E., ARDA E. Ş. N.

2nd International Aquatic Biotechnology Symposium, İstanbul, Türkiye, 13 Ekim 2021

2. **Synthesis and Biological Activity of New Vitamin K3 (Menadione) Analogues**  
F. Sh Abdassalam A., Deniz N. G., Sayıl M. Ç., Önay Uçar E., Mertoğlu Kamalı E., Arda E. Ş. N.  
V. International Joint Science Congress of Materials & Polymers (ISCMP), Burdur, Türkiye, 29 Eylül - 01 Ekim 2021, ss.87
3. **Evaluation of anticancer efficacy of temozolomide and resveratrol in human glioma cells**  
MERTOĞLU KAMALI E., ÖNAY UÇAR E.  
The 45th FEBS Congress, Ljubljana, Slovenya, 03 Temmuz 2021, cilt.2, sa.1, ss.8
4. **Targeting stress proteins in glioblastoma cells with the combination of resveratrol and temozolomide**  
MERTOĞLU E., ÖNAY UÇAR E.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 27 - 29 Eylül 2019, sa.51, ss.114
5. **Terpinolene induces apoptosis in human breast cancer cell lines**  
Kığ C., Ağuş H. H., Güler V., Çalışkan A., MERTOĞLU E., ÖNAY UÇAR E.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 27 - 29 Eylül 2019, sa.45, ss.109
6. **Investigation of cytotoxic activity of cerulenin and vitamin E combination in U87 glioma cell line**  
Uzunalioglu N., MERTOĞLU E., PEKMEZ M.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 27 - 29 Eylül 2019, sa.42, ss.106
7. **Suppression of Hsp60 and Hsp70 increases the anti-tumor effects of resveratrol in human glioblastoma cells**  
Önay Uçar E., Şengelen A., Mertoğlu E., Pekmez M., Arda E. Ş. N.  
7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 27 - 29 Eylül 2019, sa.36, ss.100
8. **Chromatographic separation of peptides-proteins from *Microcystis aeruginosa***  
Kuşoğlu S., MERTOĞLU E., Yılcıoğlu K., ÖNAY UÇAR E., ARDA E. Ş. N.  
5th International Conference on Innovation in Science and Technology (ISTCONF), Barselona, İspanya, 7 - 09 Aralık 2018, ss.6
9. **An approach to apoptotic effects of *Viscum album* extracts growing on different host trees in glioma**  
Güngör E., Önay Uçar E., Mertoğlu E.  
1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Türkiye, 4 - 06 Ekim 2018, ss.74
10. **Effects on stress proteins of *Viscum album* extracts in C6 glioma cells**  
Mertoğlu E., Önay Uçar E.  
1st International Symposium on Graduate Research in Science Focus on Entrepreneurship and Innovation (ISGRS 2018), İstanbul, Türkiye, 4 - 06 Ekim 2018, ss.207
11. **Rozmarinik Asit ve SiRNA-Aracılı Susturmanın Glioma Hücrelerinde Hsp27 Anlatımı Üzerine Etkileri**  
Şengelen A., MERTOĞLU E., ÖNAY UÇAR E.  
2. Ulusal Proteomik Kongresi, İstanbul, Türkiye, 24 - 25 Kasım 2017, sa.16, ss.39
12. ***Viscum album* Extracts Downregulate the Expression Levels of Hsp27 in Brain Tumors**  
MERTOĞLU E., BILTEKİN S. N., ÖNAY UÇAR E.  
EACR-AACR- SIC Special Conference 2017, Floransa, İtalya, 24 - 27 Haziran 2017, sa.365, ss.108
13. **Protective effects of *Sanicula europaea* extracts on nuclear DNA damage**  
ÖNAY UÇAR E., PEKMEZ M., MERTOĞLU E., DALYAN L., ARDA E. Ş. N.  
24th Biennial Congress of the European Association for Cancer Research, Manchester, Birleşik Krallık, 9 - 12 Temmuz 2016, cilt.61, sa.1
14. **Determination of Y-STR Mutations Rates in Father-Son Duos**  
FİLOĞLU TÜFEK G., MERTOĞLU E., BÜLBÜL Ö., RAYİMOĞLU G., ALTUNÇUL H.  
World Forensic Festival 2014, Seoul, Güney Kore, 12 - 18 Ekim 2014, cilt.p 06-11, ss.495