

CURRICULUM VITAE

Name and Surname: Melike Ersöz
Date of Birth: 1976
Academic Title: Associate Professor
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Degree	Department/Program	University	Year
Bachelor's Degree	İŞ SAĞLIĞI VE GÜVENLİĞİ BÖLÜMÜ	Health Sciences University	2022
Associate Degree	HUKUK BÖLÜMÜ	Anadolu University	2020
Doctorate	BİYOKİMYA (DR)	Yıldız Technical University	2014
Master's Degree	BİYOMÜHENDİSLİK (YL) (TEZLİ)	Yıldız Technical University	2007
Bachelor's Degree	BİYOLOJİ BÖLÜMÜ	İstanbul University	2003
Associate Degree	SAĞLIK PROGRAMLARI BÖLÜMÜ	İstanbul University	1997

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

İnsan meme kanseri (MCF 7) ve fare fibroblast (L-929) hücre kültürlerinde poliakrilik asidin toksisitesinin incelenmesi

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Kordon kökenli mezenkimal kök hücrelerinin hepatosit hücrelerine farklılaştırılmasının optimizasyonu

Position Title	Workplace	Year
Associate Professor	Demiroglu Science University	2022-Continues
Assistant Professor	Demiroglu Science University	2014-Continues
Lecturer	İstanbul Bilgi University	2008-Continues

Supervised Master's Theses:

- C6 glioma hücre hattında cisplatin ve ginkgolid a yüklü nanopartiküllerin biyolojik etkilerinin incelenmesi (2022)
- Kuersetin ve kuersetin-borik asit kombinasyonlarının 8305C anaplastik tiroid kanseri hücreleri üzerindeki antiproliferatif, apoptotik ve antioksidan etkisinin incelenmesi (2019)

Administrative Duties:

- Vice Dean - Demiroglu Science University (2019 - Continues)

Awards:

1. Burs (2018)
 2. Sözel Bildiri İkincilik Ödülü (2016)
 3. Kongre kayıt (2014)
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PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Coşkun Yazıcı Z. M., Ersöz M., Özdemir E., Yanar K., "Anti-glioma effect of Turkish propolis in C6 cells via regulation of COX-2 and NF-κB mRNA expression and redox homeostasis", *Pakistan Journal of Pharmaceutical Sciences*, vol. 37, no. 6, pp. 1467-1474, 2024.
- A2.** Ersöz M., Coşkun Yazıcı Z. M., Ülgen Bağırhan B., Sayınbatur H. B., Acar A., "Turkish coffee suppresses the progression of C6 glioma cells via the activation of apoptosis", *Sigma Journal of Engineering and Natural Sciences*, vol. 42, no. 2, pp. 549-554, 2024.
- A3.** Poyraz F. Ş., Akbaş G., Duranoğlu D., Acar S., Mansuroğlu B., Ersöz M., "Sinapic-Acid-Loaded Nanoparticles Optimized via Experimental Design Methods: Cytotoxic, Antiapoptotic, Antiproliferative, and Antioxidant Activity", *ACS Omega*, vol. 9, no. 39, pp. 40329-40345, 2024.
- A4.** Bellioğlu Yaka E., Ersöz M., Coşkun Yazıcı Z. M., Gülsoy N., "Effects of gallic acid on expressions of MMP-2 and MMP-9 through the pathway of p38/JNK in C6 glioma cells.", *Pak J Pharm Sci.*, vol. 36, no. 1, pp. 59-66, 2023.
- A5.** Ersöz M., Allahverdiyev A., "Investigation of Polyacrylic Acid Toxicity in Human Breast Cancer (MCF-7) and Mouse Fibroblast (L-929) Cell Lines", *Eurobiotech Journal*, vol. 5, no. 3, pp. 123-129, 2021.
- A6.** Sezekler I., Ersöz M., Turan M. A., Coşkun Yazıcı Z. M., "Investigation of the biochemical and apoptotic changes in breast cancer cells treated with leaf extract from tea (*Camellia sinensis* L.) grown with added boric acid", *Pakistan Journal of Pharmaceutical Sciences*, vol. 33, no. 5, pp. 1927-1932, 2020.
- A7.** Ersöz M., Erdemir A., Derman S., Arasoglu T., Mansuroglu B., "Quercetin-loaded nanoparticles enhance cytotoxicity and antioxidant activity on C6 glioma cells", *Pharmaceutical Development and Technology*, vol. 25, no. 6, pp. 757-766, 2020.
- A8.** Coşkun Yazıcı Z. M., Ersöz M., Gecili M., Ozden A., Acar A., "Cytotoxic and apoptotic effects of ethanolic propolis extract on C6 glioma cells", *Environmental Toxicology*, vol. 35, no. 7, pp. 768-773, 2020.
- A9.** Ersöz M., Erdemir A., Duranoglu D., Uzunoglu D., Arasoglu T., Derman S., Mansuroglu B., "Comparative evaluation of hesperetin loaded nanoparticles for anticancer activity against C6 glioma cancer cells", *Artificial Cells, Nanomedicine and Biotechnology*, vol. 47, no. 1, pp. 319-329, 2019.
- A10.** Karatug Kacar A., Ersöz M., Sezekler I., Coşkun Yazıcı Z. M., "The Effects of *Camellia sinensis* Extract on Proliferation, Apoptosis and Oxidative Stress in Insulinoma INS-1 Cells", *Bezmialem Science*, vol. 7, no. 2, pp. 80-85, 2019.
- A11.** Coşkun Yazıcı Z. M., Ersöz M., Adas M., Hancer V. S., Boysan S. N., Gonen M. S., Acar A., "Kruppel-Like Transcription Factor-4 Gene Expression and DNA Methylation Status in Type 2 Diabetes and Diabetic Nephropathy Patients", *Archives of Medical Research*, vol. 50, no. 3, pp. 91-97, 2019.
- A12.** Ersöz M., Karatug Kacar A., Sezekler I., Coşkun Yazıcı Z. M., "Effects of boric-acid-applied green tea on the expressions of heat shock proteins in MCF-7 cells", *CUKUROVA MEDICAL JOURNAL*, vol. 44, no. 1, pp. 66-71, 2019.
- A13.** Sogut I., Paltun S. Ö., Tuncdemir M., Ersöz M., Hürdağ C., "The antioxidant and antiapoptotic effect of boric acid on hepatotoxicity in chronic alcohol-fed rats", *Canadian Journal of Physiology and Pharmacology*, vol. 96, no. 4, pp. 404-411, 2018.
- A14.** Ersöz M., Coşkun Yazıcı Z. M., Acikgoz B., Karalti I., Cobanoglu G., Sesal C., "In vitro evaluation of cytotoxic, anti-proliferative, anti-oxidant, apoptotic, and anti-microbial activities of *Cladonia pocillum*", *Cellular and Molecular Biology*, vol. 63, no. 7, pp. 69-75, 2017.
- A15.** Coşkun Yazıcı Z. M., Ersöz M., Acikgoz B., Karalti I., Cobanoglu G., Sesal N. C., "Anti-Proliferative and Apoptotic Effects of Methanolic Extracts from Different *Cladonia* Species on Human Breast Cancer Cells", *FOLIA BIOLOGICA-PRAHA*, vol. 61, no. 3, pp. 97-103, 2015.
- A16.** Açıkgöz B., Karalti I., Ersöz M., Coşkun Yazıcı Z. M., Cobanoglu G., Sesal N. C., Aydoğan D., Özdemir Y., "Screening of Antimicrobial and Cytotoxic Effects of Two *Cladonia* Species", *Z. Naturforsch. c*, vol. 68, pp. 191-197, 2013.
- A17.** Bağirova M., Cakır Koc R., Allahverdiyev A., Ersöz M., "Effect of cell-conditioned media on biomass production of *Leishmania* parasites", *Turkish Journal of Biology*, vol. 36, no. 6, pp. 653-657, 2012.
- A18.** Altıok N., Ersöz M., Koyutürk M., "Estradiol induces JNK-dependent apoptosis in glioblastoma cells", *Oncology Letters*, vol. 2, no. 6, pp. 1281-1285, 2011.
- A19.** Çatakoğlu A. B., Süsleyici Duman B., Kurtoglu H., Ersöz M., Şener M., Çelebi H., Çağatay P., Aytekin V., Aytekin S., "Common Variants in the ATP-binding Cassette Transporter 1 Gene with Decreased HDL-Cholesterol Levels and Coronary Artery Disease", *Archives of Medical Research*, vol. 39, no. 8, pp. 735-742, 2008.
- A20.** Çiftçi Ç., Melil S., Çebi Y., Ersöz M., Çağatay P., Kiliçgedik M., Duman B. S., "Association of endothelial nitric oxide synthase promoter region (T-786C) gene polymorphism with acute coronary syndrome and coronary heart disease", *Lipids in Health and Disease*, vol. 7, no. 5, pp. 1-6, 2008.

- A21.** Koyutürk M., Ersöz M., Altıok N., "Simvastatin induces apoptosis in human breast cancer cells: p53 and estrogen receptor independent pathway requiring signalling through JNK", *Cancer Letters*, vol. 250, no. 2, pp. 220-228, 2007.
- A22.** Altıok N., Ersöz M., Karpuz V., Koyutürk M., "Ginkgo biloba extract regulates differentially the cell death induced by hydrogen peroxide and simvastatin", *NeuroToxicology*, vol. 27, no. 2, pp. 158-163, 2006.
- A23.** Koyutürk M., Ersöz M., Altıok N., "Simvastatin induces proliferation inhibition and apoptosis in C6 glioma cells via c-jun N-terminal kinase", *Neuroscience Letters*, vol. 370, pp. 212-217, 2004.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

- C2.1.** Ersöz M., "Besinlerin Sindirimi ve Emilimi", *Beslenme Biyokimyası*, Ankara Nobel Tıp, Ankara, 2024.

D. Articles published in national peer-reviewed journals:

- D1.** Demir Y., Ersöz M., Özcan H. K., Demir G., "Occupational Health and Safety in a Hazardous Waste Disposal Facility Using Industry 4.0 Technologies: Fine Kinney Risk Analysis", *Frontiers in Life Sciences and Related Technologies*, vol. 5, no. 3, pp. 195-202, 2024.
- D2.** Coşkun Yazıcı Z. M., Ersöz M., Donmez Z. Y., Demir E. N., Aslan B. S., Gubur S., Acar A., "Fructose Consumption Induces Cell Death Through Endoplasmic Reticulum Stress in Pancreas and Changes Biochemical Parameters in Blood", *Int. J. Adv. Eng. Pure Sci.*, vol. 34, no. 3, pp. 426-433, 2022.
- D3.** Ersöz M., "Borik Asitin 8305C Anaplastik Tiroit Kanseri Hücrelerinde Antioksidan ve Anti-Kanser Aktivitesi", *Gümüşhane Üniversitesi Sağlık Bilimleri Dergisi*, vol. 10, no. 2, pp. 213-221, 2021.
- D4.** Sezekler I., Coşkun Yazıcı Z. M., Ersöz M., "Borik Asit Uygulanan Farklı Hasat Dönemlerindeki Yeşil Çay Yapraklarının Biyokimyasal Değişikliklerinin İncelenmesi", *International Journal of Advances in Engineering and Pure Sciences*, vol. 31, no. 2, pp. 149-154, 2019.
- D5.** Bayoğlu B., Ersöz M., Çağatay P., Çiftçi Ç., Süsleyici Duman B., "Lack of Association Between Endothelial Nitric Oxide Synthase glu298Asp Variation Visceral Obesity and Insulin Related Phenotypes in Turkish Type 2 Diabetic Patients", *Acta Medica Academica*, vol. 37, pp. 91-98, 2008.