

**CURRICULUM VITAE**

Name and Surname: Ezgi Nurdan Yenilmez Tunoğlu  
Academic Title: Assistant Professor  
Work Address:  
Email: ezgi.tunoglu@demiroglu.bilim.edu.tr  
Area of Expertise: Natural Sciences

Degree	Department/Program	University	Year
Doctorate	MOLEKÜLER TIP (DR)	Health Sciences University	2022
Master's Degree	MOLEKÜLER TIP (YL) (TEZLİ)	İstanbul University	2015
Bachelor's Degree	BİYOLOJİ BÖLÜMÜ	İstanbul University	2012

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

İnsan kemik iliği kökenli mezenkimal kök hücrelerin insan meme kanseri hücre hattı üzerine immünolojik etkilerinin in vitro ortamda araştırılması

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

Paklitaksel ile HSP inhibitörlerinin MCF-7 üzerindeki sinerjetik etkilerinin araştırılması

Roles in Projects:

- Farklı Konsantrasyonlarda Taurin ve Doksorubisinin Hormon Bağımlı Meme Kanseri Hücrelerinde miR-675 ile lncRNA H19 Ekspresyon Düzeyleri Üzerine Etkilerinin İncelenmesi*, TUBITAK Project, Yenilmez Tunoğlu E. N., 2024-2026.
- Meme kanseri alt tiplerinde uzun kodlamayan RNA ve miRNA ilişkisinin araştırılması*, Project Supported by Higher Education Institutions, Yenilmez Tunoğlu E. N. (Executive), 2024-2025.
- Aril Hidrazonal Bileşikleri Üzerinden Yeni Salisilat ve İndazol Türevi Bileşiklerin Sentezi, Karakterizasyonu ve Antikanser Aktivite Çalışmaları*, TUBITAK Project, Yenilmez Tunoğlu E. N., 2020-2023.
- Pirazol-Diazepin Halkalarını İçeren Yeni Hibrit Heterosiklik Bileşiklerin Sentezi ve Antikanser Aktivitelerinin Belirlenmesi*, Project Supported by Higher Education Institutions, Yenilmez Tunoğlu E. N., 2020-2021.

Administrative Duties:

- Deputy Coordinator - Demiroglu Science University (2025 - Continues)
- Deputy School Director - Demiroglu Science University (2024 - Continues)
- Head of Department - Demiroglu Science University (2024 - Continues)

Undergraduate and graduate level courses taught in the last two years (If offered, summer courses will also be added to the table):

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2025	Spring	Beslenme Biyokimyası I			
2025	Spring	Nörobiyoloji			
2025	Spring	Tıbbi Terminoloji			
2025	Spring	Bakteri ve Virüs Genetiği			
2025	Spring	Klinik Biyokimya			
2025	Fall	Beslenme Biyokimyası I			
2025	Fall	Nörobiyoloji			
2025	Fall	Tıbbi Terminoloji			
2025	Fall	Bakteri ve Virüs Genetiği			
2025	Fall	Klinik Biyokimya			

## PUBLICATIONS

### A. Articles published in international peer-reviewed journals:

**A1.** Yılmaz Akyüz E., Akyüz C., Yenilmez Tunoğlu E. N., Dogan M., Bayram B., Tutar Y., "Therapeutic Effect of Arginine, Glutamine and  $\beta$ -Hydroxy  $\beta$ -Methyl Butyrate Mixture as Nutritional Support on DSS-Induced Ulcerative Colitis in Rats", *Nutrients*, vol. 18, no. 2, 2026.

**A2.** Altuncevaahir İ. Ö., Çelik A. B., Çifçi K. U., Uslu M., Vural M., Kural A., Yenilmez Tunoğlu E. N., Tutar Y., "Adherence to the Mediterranean Diet and Metabolic Gene Expression in Smokers: An Integrative Transcriptomic Approach", *Nutrients*, vol. 18, no. 2, 2026.

**A3.** Çapan İ., Al M., Gümüş M., Açık L., Aydın B., Çelik A. B., Gülüm L., Sert Y., Yenilmez Tunoğlu E. N., Koca İ. vd., "Design, Synthesis, and Evaluation of Benzimidazole-Carbazole Hybrids Targeting Heat Shock Proteins-Mediated Apoptosis in Breast and Colon Cancer Cells", *Drug Development Research*, vol. 86, no. 3, 2025.

**A4.** Yüksel A., Celayir D. N., Yenilmez Tunoğlu E. N., Tutar L., Tutar Y., "Metabolite-Induced Apoptosis by *Gundelia tournefortii* in A549 Lung Cancer Cells: A Cytotoxic and Gene Expression Study", *Nutrients*, vol. 17, no. 3, 2025.

**A5.** Çapan İ., Hawash M., Qaoud M. T., Gülüm L., Yenilmez Tunoğlu E. N., Çifçi K. U., Çevrimli B. S., Sert Y., Servi S., Koca İ. vd., "Synthesis of novel carbazole hydrazine-carbothioamide scaffold as potent antioxidant, anticancer and antimicrobial agents", *BMC Chemistry*, vol. 18, no. 1, 2024.

**A6.** Çapan İ., Hawash M., Qaoud M. T., Gülüm L., Yenilmez Tunoğlu E. N., Çifçi K. U., Çevrimli B. S., Sert Y., Servi S., Koca İ. vd., "Correction to: Synthesis of novel carbazole hydrazine-carbothioamide scaffold as potent antioxidant, anticancer and antimicrobial agents (BMC Chemistry, (2024), 18, 1, (102), 10.1186/s13065-024-01207-1)", *BMC Chemistry*, vol. 18, no. 1, 2024.

**A7.** Tunoğlu S., Yalçın B., Yenilmez Tunoğlu E. N., Karaaslan Z., Bilgiç B., Hanağasi H. A., Tüzün E., Küçükali C. İ., "Gene Expression Levels Related to Histone Acetylation are Altered in Parkinson Disease Patients Parkinson Hastalarında Histone Asetilasyonu ile İlgili Gen İfade Düzeylerinin Değişimi", *Noropsikiyatri Arsivi*, vol. 61, no. 3, pp. 271-274, 2024.

**A8.** Tunoğlu S., Tutar L., Gümüş M., Yenilmez Tunoğlu E. N., Koca İ., Tutar Y., "Hsp Inhibitor is Affective Against Adenocarcinomic Human Alveolar Basal Epithelial Cells Through Modulating ERK/MAPK Signaling Pathway", *Chemistry and Biodiversity*, vol. 21, no. 2, 2024.

**A9.** Kaya Y., Korulu S., Yenilmez Tunoğlu E. N., Yıldız A., "A potential posttranscriptional regulator for p60-katanin: miR-124-3p", *Cytoskeleton*, vol. 80, pp. 437-447, 2023.

**A10.** Gümüş M., Koca İ., Sert Y., Dişli A., Yenilmez Tunoğlu E. N., Tutar L., Tutar Y., "Triad pyrazole-thiazole-coumarin heterocyclic core effectively inhibit HSP and drive cancer cells to apoptosis", *Journal of Biomolecular Structure and Dynamics*, vol. 41, no. 23, pp. 14382-14397, 2023.

**A11.** Kul P., Tuncbilek M., Ergul M., Yenilmez Tunoğlu E. N., Tutar Y., "A Novel 6,8,9-Trisubstituted Purine Analogue Drives Breast Cancer Luminal A Sub-type MCF-7 to Apoptosis and Senescence through Hsp70 Inhibition", *Anti-Cancer Agents in Medicinal Chemistry*, vol. 23, no. 5, pp. 585-598, 2023.

**A12.** Yenilmez Tunoğlu E. N., Genc D., Farooqi A. A., Tunoğlu S., Zeybek U., Akkoc T., Yaylim İ., "Mesenchymal stem cells combined with IFN $\gamma$  induce apoptosis of breast cancer cells partially through TRAIL", *Anticancer Research*, vol. 40, no. 10, pp. 5641-5647, 2020.

**A13.** Korkmaz G., Horozoglu C., Arıkan S., Gural Z., Sağlam E. K., Turan S., Özkan N. E., Kahraman O. T., Yenilmez Tunoğlu E. N., Düzköylü Y. vd., "LGALS3 and AXIN1 gene variants playing role in the Wnt/ $\beta$ -catenin signaling pathway are associated with mucinous component and tumor size in colorectal cancer", *Bosnian Journal of Basic Medical Sciences*, vol. 16, no. 2, pp. 108-113, 2016.

## **B. Papers presented at international scientific meetings and published in proceedings:**

- B1.** Kılınc S., Tanrikulu Küçük S., Yenilmez Tunoğlu E. N., Küçükgergin C., Karpuzoğlu F. H., Genç İ., Expressions levels of lncRNA H19 in MCF-7 breast cancer cells following paclitaxel and doxorubicin treatment, In: *49th FEBS CONGRESS*, Türkiye, 2025.
- B2.** Yenilmez Tunoğlu E. N., THE TRAIL C1595T POLYMORPHISM IS A POTENTIAL GENETIC MARKER OF SUSCEPTIBILITY TO BLADDER CANCER: A CASE-CONTROL STUDY, In: *9th International Conference of Anticancer*, Sithonia, Greece, 2014, pp. 6209-6209.
- B3.** Yenilmez Tunoğlu E. N., Is there any relation between CDKN2 p16 and MDM2 variants and the development of primary brain tumors?, In: *Febs Congress*, Paris, France, 2014, pp. 76-76.

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

### **C1. National/international books written:**

**C1.1.** Yenilmez Tunoğlu E. N., *Sağlık Meslekleri için Bilinmesi Gereken 1100 Temel Kavramlar*, Nobel Tıp Kitabevleri, İstanbul, 2023.

### **C2. Chapters in national/international books written:**

**C2.1.** Yenilmez Tunoğlu E. N., "Inhibition of Key Protein-Protein Interactions by Small Molecules for Cancer Drug Design", *Inhibition of Key Protein-Protein Interactions by Small Molecules for Cancer Drug Design*, Frontiers in Clinical Drug Research, 2020.

**C2.2.** Yenilmez Tunoğlu E. N., "Molecular Mechanisms of Distinct Diseases", *Methods in Molecular Medicine*, Intech Open, 2020.

**C2.3.** Yenilmez Tunoğlu E. N., Yeman Kıyak B., Biçen M., Tunoğlu S., Rasmi Y., Tutar Y., "Advances in Cancer Nanotheranostics for Experimental and Personalized Medicine", *Cancer Nanotheranostics*, Bentham Science Publishers, 2020.

**C2.4.** Tutar L., Yenilmez Tunoğlu E. N., Yeman Kıyak B., Tutar Y., "Heat Shock Protein and Cancer Based Therapies", *Heat Shock Proteins in Inflammatory Diseases*, Springer International Publishing, 2020.

## **D. Articles published in national peer-reviewed journals:**

**D1.** Kucukhuseyin O., Turan S., Yanar K., Arıkan S., Duzkoğlu Y., Aydın S., Cakatay U., Mezani B., Farooqi A. A., Aydinolu Isitmangil G. vd., "Individual and combined effects of CTLA4-CD28 variants and oxidant-antioxidant status on the development of colorectal cancer", *Anticancer Research*, vol. 35, no. 10, 2015.

**D2.** Kafadar A., Küçükhüseyin Ö., Turan S., Yenilmez Tunoğlu E. N., Tunoğlu S., Zeybek U., Kaynar M. Y., Kemerdere R., Yaylım I., "Distribution and effects of CDKN2 p16 540 C>G and 580 C>T, and MDM2 SNP309 T>G polymorphisms in patients with primary brain tumors", *Anticancer Research*, vol. 35, no. 7, 2015.