

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı ve Soyadı:	Ecem Fatma KARAMAN
Doğum Tarihi:	1988
Akademik Unvanı:	Doç. Dr.
İş Adresi:	
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Aldığı Sertifikalar:	Eğiticinin Eğitimi
Uzmanlık Alanı:	Eczacılık Farmasötik Toksikoloji Meslek Bilimleri

Derece	Bölüm/Program	Üniversite	Yıl
Doktora	FARMASÖTİK TOKSİKOLOJİ (DR)	İstanbul Üniversitesi	2018
Yüksek Lisans	KOZMETOLOJİ (YL) (TEZLİ)	İstanbul Üniversitesi	2013
Lisans	MOLEKÜLER BİYOLOJİ VE GENETİK BÖLÜMÜ	İstanbul Üniversitesi	2010

Yüksek Lisans Tez Başlığı (özetli ekte) ve Tez Danışman(lar):

Enoksolonun deriye uygulanmak üzere farklı taşıyıcılar içinde topikal preparatlarının hazırlanması

Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özetli ekte) ve Danışman(lar):

Zearalenon ve metabolitlerinin enerji metabolizmasında rol oynayan genler üzerine etkilerinde epigenetik değişikliklerin in vitro incelemesi

Görev Unvanı	Görev Yeri	Yıl
Doç. Dr.	Biruni Üniversitesi	2024-Devam Ediyor
Dr. Öğr. Üyesi	Biruni Üniversitesi	2019-2025

Yönetilen Doktora Tezleri/Sanatta Yeterlik Çalışmaları:

1. Zearalenonun Lipotoksiste Üzerine Etkilerinin İnsan Böbrek Hücrelerinde Araştırılması (2025)

İdari Görevler:

Dekan Yardımcısı - Biruni Üniversitesi (2023 - Devam Ediyor)

Anabilim/Bilim Dalı Başkanı - Biruni Üniversitesi (2020 - Devam Ediyor)

Son iki yılda verdiği lisans ve lisansüstü düzeydeki dersler (Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir):

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2024	Güz	Proje-Bitirme Tezi I			
2024	Güz	Gıda Toksikolojisi			
2024	Güz	Seminer			
2024	Bahar	Proje-Bitirme Tezi I			
2024	Bahar	Gıda Toksikolojisi			
2024	Bahar	Seminer			

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

- A1. "Effect of Pioglitazone on Endoplasmic Reticulum Stress and Autophagy Response in the Perivascular Adipose Tissue of Type 2 Diabetic Rats", PPAR Research, 2025.
- A2. "Evaluation of the effects of pioglitazone on perivascular adipose tissue function, properties, and structure in a rat model of type-2 diabetes", Canadian Journal of Physiology and Pharmacology, 2024.
- A3. "Effects of fumonisin B1 on gene-specific DNA methylation related to cancer pathways of *p53* signalling and PI3K/Akt signalling in human kidney cells", WORLD MYCOTOXIN JOURNAL, 2024.
- A4. "The effects of fumonisin B1 on intercellular communications and miRNA modulations: Non-genotoxic carcinogenesis mechanisms in human kidney cells", Toxicology, 2024.
- A5. "The role of chromatin-modifying enzymes and histone modifications in the modulation of *p16* gene in fumonisin B1-induced toxicity in human kidney cells", Mycotoxin Research, 2023.
- A6. "Effects of perfluorooctanoic acid on endoplasmic reticulum stress and lipid metabolism-related genes in human pancreatic cells", Environmental Toxicology and Pharmacology, 2023.
- A7. "Mechanisms underlying citrinin-induced toxicity via oxidative stress and apoptosis-mediated by mitochondrial-dependent pathway in SH-SY5Y cells", Drug and Chemical Toxicology, 2023.
- A8. "Alterations in cell viability, reactive oxygen species production, and modulation of gene expression involved in mitogen-activated protein kinase/extracellular regulating kinase signaling pathway by glyphosate and its commercial formulation in hepatocellular carcinoma cells", Toxicology and Industrial Health, 2022.
- A9. "Synthesis of Novel Urea and Sulfonamide Derivatives of Isatin Schiff Bases as Potential Anti-cancer Agents", Letters in Drug Design and Discovery, 2022.
- A10. "Benomyl induced oxidative stress related DNA damage and apoptosis in H9c2 cardiomyoblast cells", Toxicology in Vitro, 2021.
- A11. "Cellular stress pathways are linked to acetamiprid-induced apoptosis in sh-sy5y neural cells", Biology, 2021.
- A12. "The effects of prochloraz on the levels of nuclear receptor genes expressions and global DNA methylation in human prostate carcinoma cells", ISTANBUL JOURNAL OF PHARMACY, 2021.
- A13. "Synthesis, in vitro cytotoxic and apoptotic effects, and molecular docking study of novel adamantane derivatives", Archiv der Pharmazie, 2021.
- A14. "Ameliorative effects of the sesquiterpenoid valerenic acid on oxidative stress induced in hepg2 cells after exposure to the fungicide benomyl", Antioxidants, 2021.
- A15. "Investigation the effects of synthetic cannabinoid-akb48 on dna methylation via the regulation of cannabinoid receptor gene specific methylation in vitro", Journal of Research in Pharmacy, 2021.
- A16. "Evaluation of the epigenetic alterations and gene expression levels of HepG2 cells exposed to zearalenone and α -zearalenol", Toxicology Letters, 2020.
- A17. "In Vitro Effects of Eicosapentaenoic and Docosahexaenoic Acid on the Vascular Tone of a Human Saphenous Vein: Influence of Precontractile Agents", Annals of Vascular Surgery, 2020.
- A18. "Influence of vehicles and penetration enhancers on anti-inflammatory effect of 18- β glycyrrhetic acid: Kinetic modelling of drug release, in vivo and ex vivo experiments", Farmacia, 2020.
- A19. "Responses of oxidative stress and inflammatory cytokines after zearalenone exposure in human kidney cells", World Mycotoxin Journal, 2020.
- A20. "The subchronic effects of acetamipride on the global DNA methylation levels in Sprague-Dawley rat brain and liver", ISTANBUL JOURNAL OF PHARMACY, 2019.
- A21. "Alterations in global DNA methylation and metabolism-related genes caused by zearalenone in MCF7 and MCF10F cells", Mycotoxin Research, 2019.

A22. "Effects of BPA on global DNA methylation and global histone 3 lysine modifications in SH-SY5Y cells: An epigenetic mechanism linking the regulation of chromatin modifying genes", Toxicology in Vitro, 2017.

A23. "Telomerase Reverse Transcriptase (TERT) gene variations and susceptibility of colorectal cancer", Genetic Testing and Molecular Biomarkers, 2015.

B. Uluslararası bilimsel toplantılarında sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler:

B1. "Effects of Zearalenone on the endoplasmic reticulum stress and its relation to the epigenetic mechanisms in HEK-293 cells", 58th Congress of the European Societies of Toxicology (EUROTOX 2024), 2024.

B2. "Investigation of the effects of fumonisin B1 on lipotoxicity in human pancreatic cell", 57th Congress of the European Societies of Toxicology (EUROTOX 2023), 2023.

B3. "Investigation of the effects of zearalenone on lipotoxicity in human kidney cells", 57th Congress of the European Societies of Toxicology (EUROTOX 2023), 2023.

B4. "The Role of Epigenetic Mechanisms in the Carcinogenicity of Trichloroethylene: Investigation in Human Kidney Cells in Terms of miRNA Regulation and Histon Modifications", 57th Congress of the European Societies of Toxicology (EUROTOX 2023), 2023.