CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname:	Tarık Mecit
Academic Title:	Assistant Professor
Work Address:	
Email:	tmecit@biruni.edu.tr
Foreign Languages Known (Score and Year):	English, B2 Upper Intermediate, 2017 English, B1 Intermediate, 2017
Certificates Received:	Bilirkişilik Temel Eğitimi Moleküler Teknikler ve Fİzyolojideki Uygulama Alanları Deney Hayvanları Kullanım Sertifikası Yabancı Dil Kursu Pedogojik Formasyon Eğitimi
Area of Expertise:	Health Sciences Natural Sciences

Degree	Department/Program	University	Year
Doctorate	FİZYOLOJİ (DR)	Kafkas University	2022
Master's Degree	Fizyoloji	Kafkas University	2016
Bachelor's Degree	BİYOLOJİ BÖLÜMÜ	Kafkas University	2013

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

Etil alkol ile oluşturulan karaciğer toksikasyonunda chlorella vulgaris'in karaciğer, akciğer, böbrek, beyin ve kalp mapk aktivasyonu ile lipid peroksidasyon ve antioksidan düzeylerine etkisi

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

Sig1r upregülasyonu-downregülasyonuunda TIC10/ONC201'in MDA-MB-231 ve MCF-7 meme kanseri hücre hatlarında nnav1.5 ve anav1.5 üzerine etkisi

Position Title	Workplace	Year
Assistant Professor	Biruni University	2022-Continues

Roles in Projects:

1. *Effects of Sesamol and Sesamolin on Human Breast Cancer Cell Lines MCF 7 and MDA-MB-231 Cells*, Project Supported by Higher Education Institutions, Mecit T., 2025-Continues.

2. *Effect of Viscum album (Mistletoe) Extract on Doxorubicin-Resistant Breast Cancer Cell Lines*, Project Supported by Higher Education Institutions, Mecit T., 2025-Continues.

3. *Investigation of Genomic and Transcriptomic Profiles of Chemotherapy-Resistant Breast Cancer by Next Generation Sequencing*, Project Supported by Higher Education Institutions, Mecit T., 2025-Continues.

4. *Meme ve Akciğer Kanseri Hücre Hatlarında Lokal Anestezikler ile birlikte Hiperisin'in Proliferasyon, Migrasyon ve İnvazyona Etkisi*, Project Supported by Higher Education Institutions, Mecit T., 2024-Continues.

5. *Sig1R Upregüle ve Downregüle Edilen Meme Kanseri Hücre Hatlarında ONC201'in nNav1.5 ve aNav1.5 Üzerine Etkilerinin Belirlenmesi*, Project Supported by Higher Education Institutions, Mecit T., 2020-2022.

6. *Melatoninin Hipoksi-Reoksijenizasyon Hasarı Oluşturulmuş Rat Retinasında Ang1, Ang2 ve PDGF-BB Üzerindeki Etkilerinin Belirlenmesi*, Project Supported by Higher Education Institutions, Mecit T., 2018-2021.

7. *Kadmiyum Toksikasyonunun Sig1R ve IP3R1 Üzerine Etkilerinin Araştırılması*, Project Supported by Higher Education Institutions, Mecit T., 2018-2021.

Administrative Duties:

1. Member of the Ethics Committee on Animal Experimentation - Biruni 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	Fall	Tıp Fakültesi Dönem 1-Tıbbi Bilimler I-Fizyoloji-Merkezi Sinir Sistemi Fizyolojisi			
2025	Fall	Fizyoterapi ve Rehbilitasyon Genel Fizyoloji			
2025	Fall	Genel Fizyoloji-Çocuk Gelişimi			
2025	Fall	Genel Fizyoloji-Dil ve Konuşma Terapisi			
2025	Fall	Tıp Fakültesi Dönem 1-Tıbbi Bilimler I-Fizyoloji-Hücre Fizyolojisi			
2025	Fall	Tıp Fakültesi Dönem 1-Tıbbi Bilimler I-Fizyoloji-Kan Fizyolojisi			
2025	Fall	Tıp Fakültesi Dönem 1-Tıbbi Bilimler II-Endokrin Sistem Fizyolojisi			

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Abuaısha A. M., Yıldız B., Mecit T., Emiroğlu S., Yavaş C., Paplilla B., "Carvacrol as a Therapeutic Candidate in Breast Cancer: Insights into Subtype-Specific Cellular Modulation", *Biology*, vol. 14, no. 10, 2025.

A2. Gültekin E. O., Mecit T., Can B., "Prevalence of Candida albicans in High-Risk HumanPapillomavirus-Positive Women: A Study in DiyarbakırProvince, Turkey", *Canadian Journal of Infectious Diseases and Medical Microbiology*, vol. 2023, no. 1, 2023.

A3. Mecit T., "Effects of oleuropein on NO, GSH, MDA levels and GSHPx activities in various tissues of streptozotocin-diabetic rats treated with metformin and insulin", *Eurasian Journal Of Toxicology*, vol. 10, no. 1, pp. 63762-63762, 2019.

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

B1. Mecit T., ZONULIN-MEDIATED INTESTINAL PERMEABILITY IN ACNE VULGARIS PATIENTS, In: *8th INTERNATIONAL CONFERENCE ON MEDICAL & HEALTH SCIENCES July 04-06, 2024 / Girne, Cyprus*, Girne, Cyprus, 2024, pp. 56-56.

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

C2. Chapters in national/international books written:

C2.1. Mecit T., "Hücresel Haberleşmede İyon Kanalları", *Tıbbi Biyoloji ve Genetiğin Temel Adımları*, Ankara Nobel Tıp Yayınevi, Ankara, 2025.

C2.2. Mecit T., "Molecular Mechanisms of the Relationship Between Stress and Insomnia", *Current Physiology-Histology-Embryology Studies IV*, Akademisyen Yayınevi, İstanbul, 2023.

D. Articles published in national peer-reviewed journals:

D1. Mecit T., "Therapeutic Effect of LEV in a Propionic Acid-Induced Autism Model via AMPK/SIRT1 Pathway", *International Journal of Developmental Neuroscience*, vol. 85, no. 6, 2025.

D2. Mecit T., "Protective Effects of L-carnitine and Co-enzyme Q10 Against Oxidative Stress Damage in Hypertension", *Journal of The Faculty of Veterinary Medicine Erciyes University*, vol. 20, no. 1, pp. 30-37, 2023.

D3. Mecit T., "Protective Effects of Chlorella Vulgaris in Alcohol Intoxication", *Eurasian Journal Of Toxicology*, vol. 4, no. 3, pp. 73-78, 2022.

D4. Mecit T., "The Effects of Severe Hypoxia on Nitric Oxide Parameters in Hypoxia-tolerant Rodent: Nannospalax nehringi", *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, vol. 25, no. 2, pp. 210-214, 2019.