

CURRICULUM VITAE

Name and Surname: Nur EKİMCİ GÜRCAN

Date of Birth: 1989

Academic Title: Assistant Professor

Work Address:

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Foreign Languages Known (Score and Year): English, C1 Advanced, 2021

Area of Expertise: Bioinformatics
Medical Biology
Medical Genetics
Molecular Biology and Genetics

Degree	Department/Program	University	Year
Doctorate	BİYOTEKNOLOJİ (DR) (İNGİLİZCE)	Yeditepe University	2023
Master's Degree	BİYOTEKNOLOJİ (YL) (TEZLİ) (İNGİLİZCE)	Yeditepe University	2016
Bachelor's Degree	GENETİK VE BİYOMÜHENDİSLİK (İNGİLİZCE) (TAM BURSLU)	Yeditepe University	2012

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

The effects of chronic 3-hydroxy-3-methylglutaryl coenzyme a (HMG CoA) reductase inhibitor administration on penicillin induced brain epileptic activity

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

Identification of genomic and transcriptomic variants in chordoma cancer stem cells

Position Title	Workplace	Year
Assistant Professor	Biruni University	2023-Continues
Lecturer	Haliç University	2014-2016

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	
2024	Spring	Genetics			
2024	Spring	Molecular Genetics			
2024	Spring	Bioinformatics			
2024	Spring	Project Design			

2024	Spring	İleri Hücre Kültürü Yöntemleri			
2024	Fall	Genetics			
2024	Fall	Molecular Genetics			
2024	Fall	Bioinformatics			
2024	Fall	Project Design			
2024	Fall	İleri Hücre Kültürü Yöntemleri			

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Improved Malignancy of Colon Cancer Cells at Gene Expression Level With Constitutive Activation of the Eukaryotic Elongation Factor 2 Under Nutrition-Deficient Conditions", Chemistry and Biodiversity, 2025.
- A2. "Shared and unique transcriptomic signature genes and pathways among biopsy, peripheral blood mononuclear cells and bronchoalveolar lavage samples in IPF patients revealed using comparative meta-transcriptome analysis Karşılaştırmalı meta-transkriptom analizi ile İPF hastalarında biyopsi, periferik kan mononükleer hücreleri ve bronkoalveolar lavaj örnekleri arasında transkriptomik imza genler ve yolları", Tuberkuloz ve Toraks, 2024.
- A3. "Preclinical Studies on Convalescent Human Immune Plasma-Derived Exosome: Omics and Antiviral Properties to SARS-CoV-2", Frontiers in Immunology, 2022.
- A4. "Improvement of the insulin secretion from beta cells encapsulated in alginate/poly-l-histidine/alginate microbeads by platelet-rich plasma", Turkish Journal of Biology, 2018.
- A5. "HMG-CoA reductase inhibitor rosuvastatin improves abnormal brain electrical activity via mechanisms involving eNOS", Neuroscience, 2015.
- A6. "Effects of paricalcitol and aliskiren combination therapy on experimental diabetic nephropathy model in rats", Kidney and Blood Pressure Research, 2014.