

ÖZGEÇMİŞ VE ESERLER LİSTESİ



ÖZGEÇMİŞ

Adı ve Soyadı:	Elif Sibel ASLAN
Doğum Tarihi:	1973
Akademik Unvanı:	Dr. Öğr. Üyesi
İş Adresi:	
E-postası:	easlan@biruni.edu.tr

Derece	Bölüm/Program	Üniversite	Yıl
Doktora		London Metropolitan University	2006
Yüksek Lisans	Applied Microbiology	university of westminster {england}	2000
Lisans	BİYOLOJİ PR.	Erciyes Üniversitesi	1996

Yüksek Lisans Tez Başlığı (özetî ekte) ve Tez Danışman(lar)i:

Investigation of extracellular glucosidases from ganoderma applanatum

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

Role of hephaestin in systemic iron hemeostasis

Görev Unvanı	Görev Yeri	Yıl
Dr. Öğr. Üyesi	Biruni Üniversitesi	2014-Devam Ediyor

İdari Görevler:

Dekan Yardımcısı - Biruni Üniversitesi (2023 - Devam Ediyor)

Enstitü Yönetim Kurulu Üyesi - Biruni Üniversitesi (2022 - Devam Ediyor)

Bölüm Başkanı - Biruni Üniversitesi (2016 - 2019)

Erasmus Programı Bölüm Koordinatörü - Biruni Üniversitesi (2015 - Devam Ediyor)

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

- A1. "Evaluation of TNP1 and PRM1 gene expression in male infertility patients with low or high sperm DNA fragmentation", Journal of the Turkish German Gynecology Association, 2025.
- A2. "DLG3 Impairment Caused by Missense Variants in Non-Syndromic X-Linked Mental Retardation", Journal of Molecular Science, 2025.
- A3. "Revealing Molecular Diagnosis With Whole Exome Sequencing in Patients With Inherited Retinal Disorders", Clinical Genetics, 2025.
- A4. "An Epigenetic Locus Associated with Loss of Smell in COVID-19", Diagnostics, 2024.
- A5. "Enhancing the Chemosensitivity of MKN-45 Gastric Cancer Cells to Docetaxel via B7H6 Suppression: A Novel Therapeutic Strategy", Life, 2024.

- A6. "Investigating the role of let-7a microRNA in cisplatin sensitivity of A549 lung cancer cells", Naunyn-Schmiedeberg's Archives of Pharmacology, 2024.
- A7. "The Importance of Nutrigenetics and Microbiota in Personalized Medicine: From Phenotype to Genotype", Cureus Journal of Medical Science, 2024.
- A8. "The impact of calcium-binding protein S100P on temozolomide sensitivity in glioblastoma cells", Gene Reports, 2024.
- A9. "Enhancing Chemotherapy Efficacy: Investigating the Synergistic Impact of Paclitaxel and cd73 Gene Suppression on Breast Cancer Cell Proliferation and Migration", CUREUS JOURNAL OF MEDICAL SCIENCE, 2024.
- A10. "Importance of Using Epigenetic Nutrition and Supplements Based on Nutrigenetic Tests in Personalized Medicine", CUREUS JOURNAL OF MEDICAL SCIENCE, 2024.
- A11. "Clinical application of whole-exome sequencing analysis in childhood epilepsy", Journal of Neurogenetics, 2024.
- A12. "MicroRNA-626 inhibits mTOR pathways activity of retinal pigment epithelial cells by targeting SLC7A5 in human ARPE-19 Cells", Cellular and Molecular Biology, 2023.
- A13. "In Vitro FVIII-Encoding Transgenic Mesenchymal Stem Cells Maintain Successful Coagulation in FVIII-Deficient Plasma Mimicking Hemophilia A", Turkish Journal of Hematology, 2023.
- A14. "Association between iron metabolism and SARS-CoV-2 infection, determined by ferritin, hephaestin and hypoxia-induced factor-1 alpha levels in COVID-19 patients", Molecular Biology Reports, 2023.
- A15. "A novel de novo TET3 loss-of-function variant in a Turkish boy presenting with neurodevelopmental delay and electrical status epilepticus during slow-wave sleep", Brain and Development, 2023.
- A16. "A new highly enantioselective stable epoxide hydrolase from Hypsibius dujardini: Expression in Pichia pastoris and immobilization in ZIF-8 for asymmetric hydrolysis of racemic styrene oxide", Biochemical Engineering Journal, 2022.
- A17. "Enhancing recombinant Chaetomium thermophilum Formate Dehydrogenase Expression with CRISPR Technology", Protein Journal, 2021.
- A18. "Investigation new positions for catalytic activity of Chaetomium thermophilum and Ceriporiopsis subvermispora formate dehydrogenases", Biocatalysis and Biotransformation, 2021.
- A19. "Kallikrein gene family as biomarkers for recurrent prostate cancer", Croatian Medical Journal, 2020.
- A20. "Use of miRNA as a biomarker in prostate cancer and new approaches", Turk Onkoloji Dergisi, 2020.
- A21. "Expression of soluble, active, fluorescently tagged hephaestin in cos and cho cell lines", Turkish Journal of Biology, 2020.
- A22. "Familial early infantile epileptic encephalopathy and cardiac conduction disorder: A rare cause of SUDEP in infancy", Seizure, 2017.
- A23. "Preoperative diagnostic role of hyperbilirubinaemia as a marker of appendix perforation", Journal of International Medical Research, 2011.

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

- B1. "İnsülin Direnci ve Epigenetik: Genetik Kader Mi, Yaşam Tarzının Bir Sonucu Mu?", 17th International Hippocrates Congress on Medical and Health Sciences, 2025.
- B2. "Exploring The Epigenetic and Nutrigenetic Impact of Iron Deficiency Anemia on Micronutrient", 2nd European Congress on Biomedical Science and Engineering & Human Genetics, 2024.

C. Yazılan ulusal/uluslararası kitaplar veya kitaplardaki bölümler:

C2. Yazılan ulusal/uluslararası kitaplardaki bölümler:

- C2.1. "Dermatolojide ve Kozmetolojide Genetik ve Epigenetik Gelişmeler", Türkiye Klinikleri, 2024.
- C2.2. "Complementary and Alternative Medicine: Nanotechnology-II", Unique Scientific Publishers, 2024.
- C2.3. "INSAC Academic Studies on Sciences Natural and Engineering", Gece Kitaplığı, 2023.
- C2.4. "Pratik Mikrobiyoloji ve Uygulamaları", İstanbul Tıp Kitabevleri, 2023.
- C2.5. "Moleküler Biyoloji ve Genetik", Türkiye Bilimler Akademisi (TÜBA), 2023.
- C2.6. "Current Researches in Health Sciences-III", Özgür Yayınları, 2023.

D. Ulusal hakemli dergilerde yayımlanan makaleler:

- D1. "A Retrospective Study on Insulin Resistance in Adults with Autoimmune Thyroiditis in Turkish Population: a Clinical and Molecular Docking Study", Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, 2025.
- D2. "In vitro Characterization of Mir-203 and Mir-363-3p as Potential Biomarkers in Laryngeal Cancer Cells", Acta Scientific Medical Sciences, 2024.
- D3. "Impact of Electromagnetic Field Radiation on Blood-Testis Barrier Regulatory Protein Levels in Rat Testes", Acta Scientific Medical Sciences, 2024.

- D4. "Assessment of Anti-Nuclear Antibodies and Anti-Extractable Nuclear Antigen Levels in Breast Cancer Patients.", Journal of the Institute of Science and Technology, 2024.
- D5. "Advanced Parental Age Association With The Development Of Autism Spectrum Disorder Meta-Analysis", Biruni Health and Education Sciences Journal, 2024.
- D6. "Evaluation and Epigenetic Impact of B12, Vitamin D, Folic Acid and Anemia in Hashimoto's Thyroiditis: A Clinical and Molecular Docking Study", Journal of Health Sciences and Medicine, 2023.
- D7. "Current Insights on SARS-Cov-2 and its Pathogenicity", Biochemistry & Molecular Biology Journal, 2021.
- D8. "Genetik Varyasyonlara Besin Öğelerinin Moleküler Etkileri", Türkiye Klinikleri Beslenme ve Diyetetik, 2018.