

DUMAN

**Kişisel Bilgiler**

**E-posta:** ecmelmehmetbeyogluduman@erciyes.edu.tr

**Web:** <https://avesis.erciyes.edu.tr/ecmelmehmetbeyogluduman>

**Eğitim Bilgileri**

Doktora, Cardiff University , Tıp Fakültesi , Kanser ve Genetiği Departmanı , İngiltere 2020 - 2024

Yüksek Lisans, Erciyes Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, Türkiye 2017 - 2019

Lisans, Istanbul Teknik Üniversitesi /Montana State University , Biyomühendislik, Türkiye 2010 - 2016

**Yabancı Diller**

İngilizce, C1 İleri

**Yaptığı Tezler**

Doktora, Imbalance of DNA Methylation and Demethylation as Pathogenic Mechanism of Acute Leukaemia, Cardiff Üniversitesi, Tıp Fakültesi , Kanser ve Genetiği Departmanı, 2024

**Akademik Unvanlar / Görevler**

Dr. Öğr. Üyesi, Erciyes Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2024 - Devam Ediyor

**SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. Trans Species RNA Activity: Sperm RNA of the Father of an Autistic Child Programs Glial Cells and Behavioral Disorders in Mice**  
Yılmaz Sukranlı Z., Korkmaz Bayram K., Mehmetbeyoglu E., DOĞANYİĞİT Z., BEYAZ F., ŞENER E. F., TAHERİ S., ÖZKUL Y., Rassoulzadegan M.  
Biomolecules, cilt.14, sa.2, 2024 (SCI-Expanded)
- II. From Data to Insights: Machine Learning Empowers Prognostic Biomarker Prediction in Autism.**  
Mehmetbeyoglu E., Duman A., Taheri S., Ozkul Y., Rassoulzadegan M.  
Journal of personalized medicine, cilt.13, sa.12, 2023 (SCI-Expanded)
- III. Alterations in Serum miR-126-3p Levels over Time: A Marker of Pituitary Insufficiency following Head Trauma**  
Tufan E., Taheri S., Karaca Z. C., Mehmetbeyoglu E., Yılmaz Sukranlı Z., Korkmaz Bayram K., Ulutabanca H., Tanrıverdi F., Unluhizarci K., Rassoulzadegan M., et al.

NEUROENDOCRINOLOGY, cilt.114, sa.4, ss.315-330, 2023 (SCI-Expanded)

- IV. **Quinoa (*Chenopodium quinoa* Willd.) supplemented cafeteria diet ameliorates glucose intolerance in rats**  
Ozcalskan Ilkay H., Karabulut D., Kamaci Özocak G., Mehmetbeyoglu E., Kaymak E., Kişioğlu B., Çiçek B., Akyol A.  
Food Science and Nutrition, cilt.11, sa.11, ss.6920-6930, 2023 (SCI-Expanded)
- V. **Heterozygous Cc2d1a mice show sex-dependent changes in the Beclin-1/p62 ratio with impaired prefrontal cortex and hippocampal autophagy**  
Şener E. F., Dana H., Tahtasakal R., Hamurcu Z., Taheri S., Delibasi N., Mehmetbeyoglu E., Sukranli Z. Y., Dal F., Tufan E., et al.  
Progress in Neuro-Psychopharmacology and Biological Psychiatry, cilt.125, 2023 (SCI-Expanded)
- VI. **Comparison of Cardioplegic Solutions in Coronary Bypass Surgery Over Autophagy and Apoptosis Mechanisms**  
ŞENER E. F., HAMURCU Z., TAHERİ S., Tahtasakal R., Delibasi N., ELÇİK D., Mehmetbeyoglu E., TUNÇAY A., Dal F., KORKMAZ BAYRAM K., et al.  
ARQUIVOS BRASILEIROS DE CARDIOLOGIA, cilt.120, sa.7, 2023 (SCI-Expanded)
- VII. **Overexpression of the PTEN Gene in Myocardial Tissues of Coronary Bypass Surgery Patients**  
Tahtasakal R., Şener E. F., Delibasi N., Hamurcu Z., Mehmetbeyoglu E., Bayram K. K., Gunes I., Goksuluk D., Emirogullari O. N.  
ARQUIVOS BRASILEIROS DE CARDIOLOGIA, cilt.120, sa.4, 2023 (SCI-Expanded)
- VIII. **The Role of Apoptosis and Autophagy in the Hypothalamic-Pituitary-Adrenal (HPA) Axis after Traumatic Brain Injury (TBI)**  
Taheri S., Karaca Z. C., Mehmetbeyoglu E., Hamurcu Z., Yilmaz Z., Dal F., Çınar V., Ulutabanca H., Tanriverdi F., Unluhizarci K., et al.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.23, sa.24, 2022 (SCI-Expanded)
- IX. **Understanding a high-risk acute myeloid leukemia by analyzing the interactome of its major driver mutation**  
Chiriches C., Nicolaisen N., Wieske M., Elhaddad H., Mehmetbeyoglu E., Alvares C., Becher D., Hole P., Ottmann O. G., Ruthardt M.  
PLOS GENETICS, cilt.18, sa.10, 2022 (SCI-Expanded)
- X. **The Characterization of Sex Differences in Hypoglycemia-Induced Activation of HPA Axis on the Transcriptomic Level**  
Taheri S., Karaca Z., Rassoulzadegan M., Mehmetbeyoglu E., Zararsız G., Şener E. F., Bayram K. K., Tufan E., Sahin M. C., Marasli M. K., et al.  
CELLULAR AND MOLECULAR NEUROBIOLOGY, cilt.42, sa.5, ss.1523-1542, 2022 (SCI-Expanded)
- XI. **Mouse Paternal RNAs Initiate a Pattern of Metabolic Disorders in a Line-Dependent Manner**  
Satir-Basaran G., Kianmehr L., Mehmetbeyoglu E., Korkmaz Bayram K., Memis M., Yilmaz Z., Tufan E., Taheri S., Kelestimur F., Rassoulzadegan M.  
FRONTIERS IN GENETICS, cilt.13, 2022 (SCI-Expanded)
- XII. **Decrease in RNase HII and Accumulation of lncRNAs/DNA Hybrids: A Causal Implication in Psoriasis?**  
Mehmetbeyoglu E., Kianmehr L., BORLU M., Yilmaz Z., Kılıç S. B., Rajabi-Maham H., TAHERİ S., Rassoulzadegan M.  
Biomolecules, cilt.12, sa.3, 2022 (SCI-Expanded)
- XIII. **EFFECT OF ELAMIPRETIDE (SS-31) ON INFLAMMASOME FORMATION IN MICE MODEL WITH OXALATE NEPHROPATHY**  
DURSUN İ., HAMURCU Z., TAHERİ S., Tufan E., Mehmetbeyoglu E., Delibas N., DOĞANYİĞİT Z., ALAN A., KUYUCU Y., POLAT S., et al.  
PEDIATRIC NEPHROLOGY, sa.10, ss.3317-3318, 2021 (SCI-Expanded)
- XIV. **Gene Expression of Mouse Hippocampal Stem Cells Grown in a Galactose-Derived Molecular Gel Compared to In Vivo and Neurospheres**  
Bayram K. K., Fitremann J., Bayram A., Yilmaz Z., Mehmetbeyoglu E., ÖZKUL Y., Rassoulzadegan M.  
PROCESSES, cilt.9, sa.4, 2021 (SCI-Expanded)

- XV. **Molecular skin changes in Cushing syndrome and the effects of treatment**  
Karaca Z. C., Taheri S., Firat S. T., Borlu M., Zararsiz G., Mehmetbeyoglu E., Caglar A. S., Hacıoglu A., Tanriverdi F., Unluhizarci K., et al.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, cilt.44, sa.1, ss.153-163, 2021 (SCI-Expanded)
- XVI. **Blood mRNA Expression Profiles of Autophagy, Apoptosis, and Hypoxia Markers on Blood Cardioplegia and Custodiol Cardioplegia Groups**  
Elcik D., Tuncay A., Sener E. F., Taheri S., Tahtasakal R., Mehmetbeyođlu E., Gunes I., Emirogullari Ö. N.  
BRAZILIAN JOURNAL OF CARDIOVASCULAR SURGERY, sa.3, ss.331-337, 2021 (SCI-Expanded)
- XVII. **A heritable profile of six miRNAs in autistic patients and mouse models.**  
Ozkul Y., Taheri S., Bayram K., Sener E. F., Mehmetbeyoglu E., Öztop D., Aybuga F., Tufan E., Bayram A., Dolu N., et al.  
Scientific reports, cilt.10, sa.1, ss.9011, 2020 (SCI-Expanded)
- XVIII. **Association of OSR-1 With Vascular Dysfunction and Hypertension in Polycystic Kidney Disease**  
Kocyyigit I., Taheri S., Eroglu E., Zararsiz G., Sener E. F., Uzun I., Imamoglu H., Mehmetbeyoglu E., Unal A., Korkmaz K., et al.  
THERAPEUTIC APHERESIS AND DIALYSIS, cilt.24, sa.1, ss.64-71, 2020 (SCI-Expanded)
- XIX. **Systemic Succinate, Hypoxia-Inducible Factor-1 Alpha, and IL-1 beta Gene Expression in Autosomal Dominant Polycystic Kidney Disease with and without Hypertension**  
Kocyyigit İ., Taheri S., Eroglu E., Sener E. F., Zararsız G., Uzun I., Tufan E., Mehmetbeyoglu E., Korkmaz B., Sipahioglu M. H., et al.  
CARDIORENAL MEDICINE, cilt.9, sa.6, ss.370-381, 2019 (SCI-Expanded)
- XX. **Assessment of genes involved in behavior, learning, memory, and synaptic plasticity following status epilepticus in rats**  
Gol M. F., ERDOĐAN F. F., Bayramov K. K., Mehmetbeyoglu E., ÖZKUL Y.  
EPILEPSY & BEHAVIOR, cilt.98, ss.101-109, 2019 (SCI-Expanded)
- XXI. **Altered Global mRNA Expressions of Pain and Aggression Related Genes in the Blood of Children with Autism Spectrum Disorders**  
Şener E. F., Taheri S., Şahin M., Bayramov K. K., Maraşlı M. K., Zararsız G., Mehmetbeyođlu E., Öztop D. B., Canpolat M., Canatan H., et al.  
JOURNAL OF MOLECULAR NEUROSCIENCE, cilt.67, sa.1, ss.89-96, 2019 (SCI-Expanded)

## **Kitap & Kitap Bölümleri**

- I. **RNA-Mediated Inheritance of Mammalian Spermatozoa**  
Rassoulzadegan M., Yılmaz Şükranlı Z., Mehmetbeyođlu Duman S. E.  
Epigenetics in Biological Communication, Guenther Witzany, Editör, Springer Nature, Geneve, ss.47-67, 2024

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Assessment of genes involved in behavior, learning, memory and synaptic plasticity following status epilepticus in rats**  
Gol M. F., ERDOĐAN F. F., Bayramov K. K., Mehmetbeyoglu E., ÖZKUL Y., Deconinck N.  
5th Congress of the European-Academy-of-Neurology (EAN), Oslo, Norveç, 29 Haziran - 02 Temmuz 2019, ss.413
- II. **THE ASSOCIATION OF OSR-1 BETWEEN VASCULAR DYSFUNCTION AND HYPERTENSION IN POLYCYSTIC KIDNEY DISEASE**  
EROĐLU E., KOÇYİĐİT İ., TAHERİ S., ZARARSIZ G., ŞENER E. F., UZUN İ., İMAMOĐLU H., MEHMETBEYOĐLU E., ÜNAL A., KORKMAZ K., et al.  
55th Congress of the European-Renal-Association (ERA) and European-Dialysis-and-Transplantation-Association (EDTA), Copenhagen, Danimarka, 24 - 27 Mayıs 2018

## **Metrikler**

Yayın: 24

Atıf (WoS): 104

Atıf (Scopus): 109

H-İndeks (WoS): 5

H-İndeks (Scopus): 5