

## Asst. Prof. MEHMET OZANSOY

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-4970-2019

ScopusID: 15849087500

Yoksis Researcher ID: 54366

### Education

Doctorate, Bogazici University, Fen-Mühendislik Enstitüsü, Moleküler Biyoloji ve Genetik, Turkey 2000 - 2006

Postgraduate, Bogazici University, Fen-Mühendislik Enstitüsü, Moleküler Biyoloji ve Genetik, Turkey 1997 - 2000

Undergraduate, Bogazici University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik, Turkey 1990 - 1997

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, Aşırı Düşük Frekanslı Elektromanyetik Alanların Kaspaz Aktivitelerine Olan Etkileri, Bogazici University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji ve Genetik, 2006

Postgraduate, Frontotemporal Demans, Progressif Supranükleer Palsi ve Parkinson Hastalığının Moleküler Analizi, Nörodejeneratif Hastalıkların Başlıca İki Sınıfı İçin Modeller: Taupatiler ve  $\alpha$ -Sinükleinopatiler, Bogazici University, Fen-Mühendislik Enstitüsü, Moleküler Biyoloji ve Genetik, 2000

### Research Areas

Genetic Disorders, Genetic Engineering, Neurophysiology, Neurochemistry, Numerical Neuroscience

### Academic Positions

Assistant Professor, Istanbul Medipol University, Uluslararası Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2024 - Continues

Assistant Professor, Bahcesehir University, Tıp Fakültesi, Temel Tıp Bilimleri, 2019 - 2024

Assistant Professor, Istanbul Medipol University, Uluslararası Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2012 - 2019

### Courses

Doctorate

Molecular Evolution of Cognition, Doctorate, 2023 - 2024

### Postgraduate

Cell Biology and Biochemistry, Postgraduate, 2024 - 2025

Neurodegeneration and Neurodegenerative Diseases, Postgraduate, 2023 - 2024

### Undergraduate

Physiology, Undergraduate, 2024 - 2025

Physiology, Undergraduate, 2024 - 2025

Physiology, Undergraduate, 2023 - 2024

Physiology, Undergraduate, 2023 - 2024

## Supervised Theses

Ozansoy M., The Effects of Hydrocortisone-Induced Chronic Stress in Two Different Tumor Cell Lines and Their Effect on Microglia Polarization, Postgraduate, B.CAN(Student), 2025

Ozansoy M., Investigating the effects of XPO1 inhibition on central nervous system tumors, Postgraduate, B.ÖZTÜRK(Student), 2024

Ozansoy M., Investigation of the effects of photobiomodulation on exosomal micro-rnas in an in-vitro oxidative stress model, Postgraduate, H.MIKATI(Student), 2023

Ozansoy M., Yenidoğan alzheimer transgenik fare modelinde farklı beyin bölgelerinde protein profil değişimlerinin incelenmesi, Postgraduate, A.RUMEYSA(Student), 2016

Ozansoy M., Alzheimer hastalığında yaşa bağlı hipokampusteki protein profil değişimi ile meydana gelen farklılıklar ve ilişkili yolların transgenik 5XFAD fare modeli üzerinde incelenmesi, Postgraduate, A.SÜMEYYE(Student), 2016

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **The Potential Role of Boron in the Modulation of Gut Microbiota Composition: An In Vivo Pilot Study**  
Sentürk N. B., Kasapoglu B., Sahin E., Ozcan O., OZANSOY M., Ozansoy M. B., Siyah P., SEZERMAN O. U., Sahin F.  
Pharmaceuticals, vol.17, no.10, 2024 (SCI-Expanded)
- II. **Exosomes: A missing link between chronic systemic inflammation and Alzheimer's disease?**  
Ozansoy M., Mikati H., Velioglu H. A., Yulug B.  
Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, vol.159, pp.114161, 2023 (SCI-Expanded)
- III. **Synthesis and in vitro antitumor activities of novel thioamide substituted piperazinyl-1,2,4-triazines**  
Sahin Z., Biltekin S. N., Ozansoy M., Hemiş B., Ozansoy M. B., YURTTAŞ L., Berk B., Demirayak Ş.  
Journal of Heterocyclic Chemistry, vol.59, no.8, pp.1333-1340, 2022 (SCI-Expanded)
- IV. **Combined Therapy with Probiotic VSL#3 and Omega-3 Fatty Acids Attenuates Colonic Injury and Inflammation in Chronic DNBS-induced Colitis in Mice**  
Ilktac H. Y., Kiziltan G., Lanpir A. D., Ozansoy M., Gunal M. Y., ÖZMEN TOĞAY S., KESKİN İ., Ozdemir E. M., Kilic U.  
Folia Biologica (Poland), vol.69, no.3, pp.135-146, 2021 (SCI-Expanded)
- V. **Two boron-containing compounds affect the cellular viability of SH-SY5Y cells in an in vitro amyloid-beta toxicity model.**  
Ozansoy M., Altıntaş M. Ö., Ozansoy M. B., Günay N., Kiliç E., Kiliç Ü.  
Turkish journal of biology = Turk biyoloji dergisi, vol.44, no.4, pp.208-214, 2020 (SCI-Expanded)
- VI. **Melatonin affects the release of exosomes and tau-content in in vitro amyloid-beta toxicity model.**  
Ozansoy M., Ozansoy M. B., Yulug B., Cankaya S., Kilic E., Goktekin S., Kilic U.  
Journal of clinical neuroscience : official journal of the Neurosurgical Society of Australasia, vol.73, pp.237-244, 2020 (SCI-Expanded)
- VII. **The association between Hba1c levels, olfactory memory and cognition in normal, pre-diabetic and diabetic persons**  
Yulug B., Saatci O., Işıklar A., HANOĞLU L., Kilic U., Ozansoy M., Cankaya S., Cankaya B., Kilic E.

Endocrine, Metabolic and Immune Disorders - Drug Targets, vol.20, no.2, pp.198-212, 2020 (SCI-Expanded)

- VIII. **A different view on the pathophysiology of Parkinson's disease: a descendent neurochemical hypothesis?**  
Yulug B., Ozansoy M., Cankaya S.  
Neural Regeneration Research, vol.14, no.10, pp.1717-1718, 2019 (SCI-Expanded)
- IX. **Squalene attenuates the oxidative stress and activates AKT/mTOR pathway against cisplatin-induced kidney damage in mice**  
Sakul A., Ozansoy M., Elibol B., Ayla Ş., Günel M. Y., Yozgat Y., Başağa H., Şahin K., KAZANCIOĞLU R., Kiliç Ü.  
Turkish Journal of Biology, vol.43, no.3, pp.179-188, 2019 (SCI-Expanded)
- X. **A different view on the platelet aggregation inhibitor clopidogrel - A well-suitable anti-oedema agent in a preclinical model of brain injury? Jiný pohled na inhibitor agregace krevních destiček klopidogrel - Vhodné antiedematikum v předklinickém modelu poranění mozku?**  
Yalcin Gunal M., Yulug B., ÇAĞLAYAN B., Ozansoy M., Kilic U., KESKİN İ., KILIÇ E.  
Ceska a Slovenska Neurologie a Neurochirurgie, vol.82, no.5, pp.526-532, 2019 (SCI-Expanded)
- XI. **Therapeutic role of rifampicin in Alzheimer's disease**  
Yulug B., HANOĞLU L., Ozansoy M., Isik D., Kilic U., Kilic E., Schabitz W. R.  
Psychiatry and Clinical Neurosciences, vol.72, no.3, pp.152-159, 2018 (SCI-Expanded)
- XII. **Early stage alterations in CA1 extracellular region proteins indicate dysregulation of IL6 and iron homeostasis in the 5XFAD Alzheimer's disease mouse model**  
Gurel B., CANSEV M., Sevinc C., Kelestemur S., Ocalan B., ÇAKIR A., Aydin S., KAHVECİ N., Ozansoy M., Taskapilioglu O., et al.  
Journal of Alzheimer's Disease, vol.61, no.4, pp.1399-1410, 2018 (SCI-Expanded)
- XIII. **N-acetylcysteine suppresses colistimethate sodium-induced nephrotoxicity via activation of SOD2, eNOS, and MMP3 protein expressions**  
CEYLAN B., Ozansoy M., Kiliç Ü., Yozgat Y., Ercan Ç., Yıldız P., ASLAN T.  
Renal Failure, vol.40, no.1, pp.423-434, 2018 (SCI-Expanded)
- XIV. **Dose-dependent neuroprotective effect of enoxaparin on cold-induced traumatic brain injury**  
KESKİN İ., Gunal M. Y., Ayturk N., Kilic U., Ozansoy M., Kilic E.  
Neural Regeneration Research, vol.12, no.5, pp.761-764, 2017 (SCI-Expanded)
- XV. **Corrigenda to "Semiosis as Individuation: Integration of Multiple Orders of Magnitude"**  
Karatay V., Denizhan Y., Ozansoy M.  
Biosemiotics, vol.10, no.1, pp.139-140, 2017 (SCI-Expanded)
- XVI. **Semiosis as Individuation: Integration of Multiple Orders of Magnitude**  
Karatay V., Denizhan Y., Ozansoy M.  
Biosemiotics, vol.9, no.3, pp.417-433, 2016 (SCI-Expanded)
- XVII. **Altered expression of micro-RNA 199a and increased levels of cardiac SIRT1 protein are associated with the occurrence of atrial fibrillation after coronary artery bypass graft surgery**  
Yamac A. H., Kucukbuzcu S., Ozansoy M., GÖK Ö., Oz K., Erturk M., Yilmaz E., Ersoy B., Zeybek R., Goktekin O., et al.  
Cardiovascular Pathology, vol.25, no.3, pp.232-236, 2016 (SCI-Expanded)
- XVIII. **The central theme of Parkinson's disease:  $\alpha$ -synuclein.**  
Ozansoy M., Başak A. N.  
Molecular neurobiology, vol.47, no.2, pp.460-5, 2013 (SCI-Expanded)
- XIX. **Are alsin and spartin novel interaction partners?**  
Çobanoğlu G., Ozansoy M., Başak A. N.  
Biochemical and biophysical research communications, vol.427, no.1, pp.1-4, 2012 (SCI-Expanded)
- XX. **Alfa-class prefoldin protein UXT is a novel interacting partner of Amyotrophic Lateral Sclerosis 2 (Als2) protein.**  
Enunlu I., Ozansoy M., Basak A. N.  
Biochemical and biophysical research communications, vol.413, no.3, pp.471-5, 2011 (SCI-Expanded)
- XXI. **Mitochondrial pathology in muscle of a patient with a novel parkin mutation.**  
Hanagasi H. A., Serdaroglu P., Ozansoy M., Basak N., Tasli H., Emre M.

- The International journal of neuroscience, vol.119, no.10, pp.1572-83, 2009 (SCI-Expanded)
- XXII. **Sequence analysis of tau in familial and sporadic progressive supranuclear palsy.**  
Morris H. R., Katzenschlager R., Janssen J. C., Brown J. M., Ozansoy M., Quinn N., Revesz T., Rossor M. N., Daniel S. E., Wood N. W., et al.  
Journal of neurology, neurosurgery, and psychiatry, vol.72, no.3, pp.388-90, 2002 (SCI-Expanded)
- XXIII. **The genetic and pathological classification of familial frontotemporal dementia.**  
Morris H. R., Khan M. N., Janssen J. C., Brown J. M., Perez-Tur J., Baker M., Ozansoy M., Hardy J., Hutton M., Wood N. W., et al.  
Archives of neurology, vol.58, no.11, pp.1813-6, 2001 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Effect of Probiotic and Omega-3 Supplements on Total Oxidant and Total Antioxidant Levels in Experimental Colitis**  
ILKTAC H. Y., KIZILTAN G., OZANSOY M., KILIÇ Ü., TOGAY S. O., KESKİN İ., ÖZDEMİR E. M., GÜNAL M. Y.  
Clinical and Experimental Health Sciences, vol.11, no.2, pp.362-366, 2021 (ESCI)
- II. **Minocycline increases in-vitro cortical neuronal cell survival after laser induced axotomy**  
Yulug B., Ozansoy M., Alokten M., Ozansoy M. B., Cankaya S., HANOĞLU L., Kilic U., Kilic E.  
Current Clinical Pharmacology, vol.15, no.2, pp.105-109, 2020 (ESCI)
- III. **The effect of rifampicin on the neuronal cell survival in primary cortical neuron culture after laser axotomy**  
OZANSOY M., COŞKUN E., OZANSOY M. B., ÇANKAYA Ş., GÜNAL M. Y., BAYRAKTAROĞLU Z., YULUĞ B., HANOĞLU L.  
Acta Medica Alanya, vol.3, no.2, pp.135-140, 2019 (Peer-Reviewed Journal)
- IV. **Role of erythropoietin and its receptor in the development of endometriosis in rats**  
Günel M. Y., Ozansoy M., Kılıç Ü., KESKİN İ., Özdemir E. M., Aslan İ., Eren Z., Ersavaş C., Kılıç E.  
Journal of the Turkish German Gynecology Association, vol.20, no.1, pp.41-46, 2019 (Scopus)
- V. **Changes in als2 expression leads to different outcomes on the expression of two NF-κB targeted genes in N2a and C2C12 cell lines Als 2 ekspresyonunun nf-kb hedefli iki gen üzerindeki olası etkisinin n2a ve c2c12 hücre hatlarında araştırılması**  
Ozansoy M., Ozansoy M. B.  
Medeniyet Medical Journal, vol.34, no.2, pp.123-129, 2019 (Scopus)
- VI. **Neonatal Neurodegeneration in Alzheimer's Disease Transgenic Mouse Model.**  
Mazi A. R., Arzuman A. S., Gurel B., Sahin B., Tuzuner M. B., Ozansoy M., Baykal A. T.  
Journal of Alzheimer's disease reports, vol.2, no.1, pp.79-91, 2018 (Peer-Reviewed Journal)
- VII. **Als2 silencing affects the expression of two NF-κB targeted genes via uxt in adult mouse primary spinal motor neuron culture Als2'nin susturulmasının NF-κB hedefli iki genin ekspresyonlarına uxt üzerinden etkisinin yetişkin fare primer spinal motor nöron kültüründe araştırılması**  
Çetin Ozansoy M. B., Ozansoy M.  
Medeniyet Medical Journal, vol.33, no.3, pp.227-234, 2018 (Scopus)

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **YAC128 Transgenik Fare Modelinin Beyin Dokusundaki Protein Değişikliklerinin MALDI-MS Görüntüleme Tekniği ile Belirlenmesi**  
OZANSOY M., KESKİN İ., ERSOY TUNALI N., HANOĞLU L., BAYKAL A. T.  
24. Ulusal Biyoloji Kongresi, Turkey, 10 - 14 September 2018
- II. **YAC128 Transgenik Fare Modelinin Beyin Dokusundaki Protein Değişikliklerinin MALDI-MS Görüntüleme Tekniği İle Belirlenmesi**  
Karayel Başar M., Akgün E., Arabacı S., Kırış İ., Gürel B., OZANSOY M., KESKİN İ., HANOĞLU L., ERSOY TUNALI N.,

BAYKAL A. T.

24. Ulusal Biyoloji Kongresi, Turkey, 10 - 14 September 2018, (Summary Text)

**III. Alzheimer, Parkinson ve Huntington Transgenik Fare Modellerinde Nörodejenerasyon Gelişiminde Ortak ve Özgün Protein Yolaklarının MALDI Görüntüleme ile Belirlenmesi**

OZANSOY M., KESKİN İ., HANOĞLU L., ERSOY TUNALI N., BAYKAL A. T.

24. Ulusal Biyoloji Kongresi, Manisa, Turkey, 10 - 14 September 2018, (Summary Text)

**IV. Effects of probiotics and omega 3 fatty acids on inflammatory response in experimental colitis model**

YOLDAŞ İLKTAÇ H., KIZILTAN G., ÖZMEN TOĞAY S., KESKİN İ., OZANSOY M., KILIÇ Ü., YİĞİT P., Özdemir E. M., GÜNAL M. Y.

17th International Nutrition and Diagnostics Conference, Prag, Czech Republic, 9 - 12 October 2017, vol.1, pp.13, (Summary Text)

**V. Fare Omurilik Hasarında Tedavi Amaçlı Aksolotl Hücre Süspansiyonu Uygulaması**

OZANSOY M., ALTUNCU N., ÖZTÜRK G.

15. Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017

**VI. Application of Axolotl Cell Suspension for the Treatment of Mouse Spinal Cord Injury**

OZANSOY M., AYŞİT N., AYDINLI F. İ., Yiğit E. N., ÖZTÜRK G.

15. National Neuroscience Convention, Sakarya, Turkey, 07 May 2017, (Summary Text)

## Metrics

Publication: 36

Citation (WoS): 455

Citation (Scopus): 525

H-Index (WoS): 11

H-Index (Scopus): 12