

CURRICULUM VITAE

Name and Surname: MAHMUD MUSTAFA ÖZKUT
Academic Title: Assistant Professor
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Degree	Department/Program	University	Year
Doctorate	HİSTOLOJİ EMBRİYOLOJİ (DR)	Manisa Celal Bayar University	2017
Master's Degree	HİSTOLOJİ-EMBRİYOLOJİ (YL) (TEZLİ)	Manisa Celal Bayar University	2011
Bachelor's Degree	BİYOLOJİ BÖLÜMÜ	Manisa Celal Bayar University	2008

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

KEMİK İLİĞİ VE TESTİS KÖKENLİ KÖK HÜCRE TRANSPLANTASYONUNUN SIÇAN TESTİS
HASARINDAKİ HİSTOLOJİK ETKİLERİ

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

Çift zincir DNA kırığı olan spermiler ile elde edilen embriyolardaki hasarın, oosit DNA tamir mekanizmaları ile düzeltilmesinde ghrelin'in rolü

Position Title	Workplace	Year
Assistant Professor	Afyonkarahisar Health Sciences University	2022-Continues
Assistant Professor		2018-2022

Supervised Master's Theses:

- SHSY-5Y (nöroblastoma) ve 1929 (fibroblast) hücre hatlarında theranekronun entegre stres yanıtı üzerindeki etkisinin İn Vitro olarak incelenmesi (2025)
- Sisplatinin testis üzerindeki hücresel hasarına karşı theranekronun koruyucu etkisi (2024)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1.** Aydoğan Kırmızı D., Başer E., Kaymak E., Kılıç D., Onat T., Özkut M. M., "2-Arachidonoylglycerol Activity in Over Ischemia Reperfusion Damage: Can Endocannabinoids Protect Ovarian Reserve?", *Cannabis and Cannabinoid Research*, vol. 9, no. 2, pp. 591-600, 2024.
- A2.** Çakır M., Yüksel F., Özkut M. M., Durhan M., Kaymak E., Tekin S., Çiğremiş Y., "Neuroprotective effect of transient receptor potential Vanilloid 1 agonist capsaicin in Alzheimer's disease model induced with okadaic acid", *International Immunopharmacology*, vol. 118, 2023.
- A3.** Demir Çaltekin M., Özkut M. M., Çaltekin İ., Kaymak E., Çakır M., Kara M., Yalvaç E. S., "The protective effect of JZL184 on ovarian ischemia reperfusion injury and ovarian reserve in rats", *Journal of Obstetrics and Gynaecology Research*, vol. 47, no. 8, pp.

2692-2704, 2021.

A4. Karabacak H. A., Yılmaz O., Tuğlu I., Taneli F., Surucuoglu S., Kanik E. T., Ozkutuk N., Gozukara C., Özkut M. M., Turkeli A. vd., "Low Mononuclear Cell IL-18 and IL-27 Response in Children: Susceptibility to Tuberculosis Infection after Contact", *Journal of Pediatric Infectious Diseases*, vol. 14, no. 4, pp. 149-154, 2019.

A5. Mizrak S., Özkut M. M., İnan V. S., Ercan G., "The Effects of High and Low Dose Nicotine Administration on Neurogenesis", *Biomedical Journal of Scientific Technical Research*, vol. 13, no. 1, pp. 1-5, 2019.

A6. Kurt O., Özdal-kurt F., Akçora C., Özkut M. M., Tuğlu M., "Neurotoxic, cytotoxic, apoptotic and antiproliferative effects of some marine algae extracts on the NA2B cell line", *Biotechnic and Histochemistry*, vol. 93, no. 1, pp. 59-69, 2018.

A7. Gülbağça F., Kılıçaslan Sönmez P., Özkut M. M., Şimşek F., Kuruş M., Tuğlu M. İ., "EFFECT OF STEM CELL AND NICHE ON THE WOUND HEALING IN CULTURE FOR THE EFFECT OF DIABETES AND MENOPAUSE MIMICED BY BONE-LIKE TISSUES FORMATION WITH STEM CELL DIFFERENTIATED OSTEOBLASTS", *Turkish Journal of Biochemistry-Turk Biyokimya Dergisi*, vol. 43, 2018.

A8. Akinoglu E., Ozbilgin K., Sonmez P. K., Özkut M. M., Giersig M., Inan S., Gumustepe E., Kurtman C., "Biocompatibility of vertically aligned multi-walled carbon nanotube scaffolds for human breast cancer cell line MDA-MB-231", *Progress in Biomaterials*, vol. 6, no. 4, pp. 189-196, 2017.

A9. Ozbilgin K., Üner M. A., Özkut M. M., Hasdemir P. S., "The effects of pirfenidone on T helper cells in prevention of intraperitoneal adhesions", *Kaohsiung Journal of Medical Sciences*, vol. 33, no. 6, pp. 271-276, 2017.

A10. Hasdemir P. S., Özkut M. M., Guvenal T., Uner M. A., Calik E., Koltan S. O., Koyuncu F. M., Ozbilgin K., "Effect of Pirfenidone on Vascular Proliferation, Inflammation and Fibrosis in an Abdominal Adhesion Rat Model", *Journal of Investigative Surgery*, vol. 30, no. 1, pp. 26-32, 2017.

A11. Gürcü B., Koca Y. B., Özkut M. M., Tuğlu M. İ., "Matrix changes due to the toxic effects of metronidazole in intestinal tissue of fish (*Onchorhynchus mykiss*)", *Chemosphere*, vol. 144, pp. 1605-1610, 2016.

A12. Altan A. B., Bicakci A. A., Mutaf H. İ., Özkut M. M., Inan V. S., "The effects of low-level laser therapy on orthodontically induced root resorption", *Lasers in Medical Science*, vol. 30, no. 8, pp. 2067-2076, 2015.

A13. Songu M., Ozkul Y., Kirtay S., Arslanoglu S., Özkut M. M., Inan S., Onal K., "Effects of oral intake of cetirizine HCl and desloratadine molecules on the middle ear mucosa: An experimental animal study", *European Archives of Oto-Rhino-Laryngology*, vol. 271, no. 4, pp. 833-838, 2014.

D. Articles published in national peer-reviewed journals:

D1. Toros P., Şen B., Kılıçaslan Sönmez P., Özkut M. M., Çöllü F., Aydemir I., Tuğlu M. İ., "Testis Dokusunda Deneysel Diyabet Modelinin Etkilerinin Histolojik İncelenmesi", *Manisa Celal Bayar Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi*, 2017.

D2. Kurt Ö. F., Aydemir I., Özkut M. M., Cezayirli E., Tuğlu M. İ., "Anatomy of stem cells", *Anatomy*, vol. 9, no. 2, pp. 86-90, 2015.

D3. Öztürk Ş., Aydemir I., Erdoğan Öztürk K., Özkut M. M., Yeşil H., Varol T., Tuğlu M. İ., "Kök Hücre ve Nöronal Rejenerasyon", *Türkiye Klinikleri Nöroloji Dergisi*, vol. 3, no. 8, pp. 86-92, 2013.