

Assoc. Prof. METE ÖZKURT

Personal Information

Email: mozkurt@ogu.edu.tr

Web: <https://avesis.ogu.edu.tr/3272>

International Researcher IDs

ORCID: 0000-0003-4000-2345

Yoksis Researcher ID: 103572

Education Information

Doctorate, Eskisehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Fizyoloji (Dr), Turkey 2010 - 2015

Undergraduate, Istanbul University, Veteriner Fakültesi, Veteriner Pr., Turkey 1997 - 2007

Foreign Languages

English, C2 Mastery

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant PhD, Eskisehir Osmangazi University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 2009 - Continues

Courses

Fizyoloji ESOĞÜ SBF Hemşirelik Bölümü, Undergraduate, 2017 - 2018

Fizyoloji ESOĞÜ SBF Ebelik Bölümü, Associate Degree, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Targeting of Notch, IL-1, and leptin has therapeutic potential in xenograft colorectal cancer**
Ozyurt R., Erkasap N., Ozkurt M., Erkasap S. M., Dimas K., Çakır Gündoğdu A., Ulukaya E.
Turkish Journal of Biology, vol.47, no.4, pp.290-300, 2023 (SCI-Expanded)
- II. The Effect of Antioxidant Astaxanthin on Intestinal Ischemia Reperfusion Damage in Rats**
Yilmaz A. S., Badak B., Erkasap N., Özkurt M., Çolak E.
Journal of Investigative Surgery, 2023 (SCI-Expanded)
- III. miR663 Prevents Epo Inhibition Caused by TNF-Alpha in Normoxia and Hypoxia**
ÖZKURT M., Hellwig-Buergel T., Depping R., Kadabere S., ÖZYURT R., Karadag A., ERKASAP N.

INTERNATIONAL JOURNAL OF ENDOCRINOLOGY, vol.2021, 2021 (SCI-Expanded)

- IV. **Identification of miRNA signatures and their therapeutic potentials in prostate cancer**
Karadağ A., Özen A., Özkurt M., Can Y. S. C., Bozgeyik I., KABADERE S., Uyar R.
MOLECULAR BIOLOGY REPORTS, vol.48, no.7, pp.5531-5539, 2021 (SCI-Expanded)
- V. **Role of Notch, IL-1 and leptin expression in colorectal cancer**
Erkasap N., Ozyurt R., Ozkurt M., Erkasap S., Yasar F., Ihtiyar E., Ciftci E., Canaz F., Colak E.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, no.6, 2021 (SCI-Expanded)
- VI. **The role of anakinra in the modulation of intestinal cell apoptosis and inflammatory response during ischemia/reperfusion**
Kandemir M., YAŞAR N. F., ÖZKURT M., Özyurt R., Bektur Aykanat N. E., ERKASAP N.
Turkish Journal of Medical Sciences, vol.51, no.4, pp.2177-2184, 2021 (SCI-Expanded)
- VII. **Nilco signaling is a novel biomarker in thyroid cancer**
BADAK B., Özyurt R., ERKASAP N., ÖZKURT M., Güzel D., Erkasap S., Ihtiya E., Dündü E., Ari D.
Acta Medica Mediterranea, vol.37, no.5, pp.2625-2629, 2021 (SCI-Expanded)
- VIII. **Antiproliferative and antiapoptotic effect of thymoquinone on cancer cells in vitro**
Kus G., Ozkurt M., Kabadere S., Erkasap N., Goger G., Demirci F.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.119, no.5, pp.312-316, 2018 (SCI-Expanded)
- IX. **Vasoactive intestinal peptide, a promising agent for myopia?**
Cakmak A. I., Basmak H., Gursoy H. H., Ozkurt M., YILDIRIM N., ERKASAP N., BİLGEÇ M. D., Tuncel N., ÇOLAK E.
INTERNATIONAL JOURNAL OF OPHTHALMOLOGY, vol.10, no.2, pp.211-216, 2017 (SCI-Expanded)
- X. **The effect of leptin and resveratrol on JAK/STAT pathways and Sirt-1 gene expression in the renal tissue of ischemia/reperfusion induced rats**
Erkasap S., ERKASAP N., Bradford B., Mamedova L., UYSAL O., Ozkurt M., Ozkurt R., Kutlay O., Bayram B.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.118, no.8, pp.443-448, 2017 (SCI-Expanded)
- XI. **Apium graveolens Extract Inhibits Cell Proliferation and Expression of Vascular Endothelial Growth Factor and Induces Apoptosis in the Human Prostatic Carcinoma Cell Line LNCaP**
KÖKEN T., Koca B., Ozkurt M., ERKASAP N., Kus G., KARALAR M.
JOURNAL OF MEDICINAL FOOD, vol.19, no.12, pp.1166-1171, 2016 (SCI-Expanded)
- XII. **Indomethacin based new triazolothiadiazine derivatives: Synthesis, evaluation of their anticancer effects on T98 human glioma cell line related to COX-2 inhibition and docking studies**
SEVER B., ALTINTOP M. D., KUŞ G., Ozkurt M., ÖZDEMİR A., KAPLANCIKLI Z. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.113, pp.179-186, 2016 (SCI-Expanded)
- XIII. **Long-term aspirin pretreatment in the prevention of cerulein-induced acute pancreatitis in rats**
AKYAZI İ., ERASLAN E., GÜLÇUBUK A., ERGÜL EKİZ E., Cirakli Z. L., Haktanir D., Bala D. A., Ozkurt M., MATUR E., Ozcan M.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.19, no.19, pp.2894-2903, 2013 (SCI-Expanded)
- XIV. **Leptin receptor (Ob-R) mRNA expression and serum leptin concentration in patients with colorectal and metastatic colorectal cancer**
Erkasap N., Ozkurt M., Erkasap S., Yasar F., UZUNER K., Ihtiyar E., Uslu S., Kara M., Bolluk O.
BRAZILIAN JOURNAL OF MEDICAL AND BIOLOGICAL RESEARCH, no.3, pp.306-310, 2013 (SCI-Expanded)
- XV. **Effect of alpha lipoic acid and silymarin on bladder outlet obstruction**
Yildirim A., Baseskioglu B., TEMEL H. E., ERKASAP N., YENİLMEZ A., USLU S., Ozer C., Ozkurt M., Donmez T.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.5, no.2, pp.596-602, 2013 (SCI-Expanded)
- XVI. **The effects of PDE5 inhibitory drugs on renal ischemia/reperfusion injury in rats**
Kucuk A., Yucel M., Erkasap N., Tosun M., Koken T., Ozkurt M., Erkasap S.
MOLECULAR BIOLOGY REPORTS, vol.39, no.10, pp.9775-9782, 2012 (SCI-Expanded)
- XVII. **Plasminogen Activator Inhibitor Type-1 Gene 4G/5G Polymorphism and Polycystic Ovary Syndrome**
Kilicci C., Bayram B., Ozkurt M., ÖNLÜ H., ERKASAP N., MUTLU F.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.15, no.7-8, pp.565-567, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effects of quercetin on erythropoietin, hypoxia-inducible factors-1 α , 2 α , and pyroptosis related genes expression levels in inflammation induced by TNF- α and LPS in HepG2 cells**
Özkurt M., Akıncı B., Kabadere S., Ozyurt R., Karadağ A., Erkasap N.
CUKUROVA MEDICAL JOURNAL, vol.48, no.1, pp.268-277, 2023 (ESCI)
- II. **Anti-inflammatory Effects of Astaxanthin on Liver Tissue in Lipopolysaccharide-Induced Sepsis in Rats**
Çobaner N., Yelken B., Erkasap N., Özkurt M., Bektur Aykanat N. E.
Türk Yoğun Bakım Derneği Dergisi, vol.20, pp.79-85, 2022 (ESCI)
- III. **Design Alginate Based Blends for Living Composite Fibers to Promote Wound Healing**
Özel C., Şengel T., Ebrahimi A., Apaydın E., Ghorbanpoor H., Eker Sarıboyacı A., Uysal O., Özkurt M., Avcı H.
Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.22, no.SPECIAL ISSUE 2021, pp.98-111, 2021 (Peer-Reviewed Journal)
- IV. **Ceranib-2 inhibits HIF1-alpha gene expression and induces apoptosis in HepG2 cells**
ÖZYURT R., ÖZKURT M., Karadag A., MERAL EVİŞ C. C., ERKASAP N.
CUKUROVA MEDICAL JOURNAL, vol.45, no.4, pp.1318-1325, 2020 (ESCI)
- V. **Effects of Acorus calamus plant extract on prostate cancer cell culture**
KOCA H. B., KÖKEN T., ÖZKURT M., KUŞ G., KABADERE S., ERKASAP N., KOCA O. H., ÇOLAK Ö.
Anatolian Journal of Botany, vol.2, no.1, pp.46-51, 2018 (Peer-Reviewed Journal)
- VI. **Kolon Kanserine Yatkınlık ile p53 Geni Kodon 72 ve PAI-1 Geni 4G/5G Polimorfizmleri Arasındaki İlişki**
Bayram B., Özkurt M., Badak B., Erkasap N., Erkasap S. M., Yıldız B., İhtiyar E.
Mus Alparslan University Journal of Science, vol.5, no.2, pp.431-434, 2017 (Peer-Reviewed Journal)
- VII. **Epidemiology of Acinetobacter baumannii isolates from patients with severe sepsis in anesthesia intensive care unit**
YELKEN B., ERKASAP N., BAYRAM B., ÖZKURT M.
Fabad Journal of Pharmaceutical Sciences, vol.36, no.2, pp.63-67, 2011 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Notch, IL-1 and Leptin (NILCO) inhibition on proliferation, migration and angiogenesis in colorectal cancer**
Erten Yücel Z., Gültekin A., Özkurt M., Erkasap N.
48. Ulusal Fiziyojji Kongresi, Sakarya, Turkey, 1 - 04 November 2023, pp.50
- II. **Silencing of NILCO by Small Interfering RNA Effects MDR1 in Colon Cancer Cells**
Erkasap N., Özkurt M., Özyurt R.
EXPERIMENTAL BIOLOGY, Pennsylvania, United States Of America, 2 - 05 April 2022, pp.3-5
- III. **Cost effective alginate blend and its antibiotic release properties: Wound healing approaches.**
ÖZEL C., ŞENGEL T., EKER SARIBOYACI A., UYSAL O., ÖZKURT M., AVCI H.
VIIIth International Fiber and Polymer Research Symposium, Bursa, Turkey, 18 June 2021, pp.61-62
- IV. **Is Notch1 associated with LeptinR, IL-6 and TNF- α in the colorectal cancer tumorigenesis?**
ERKASAP N., Özyurt R., ÖZKURT M., Erkasap S., YAŞAR N. F., İhtiyar E., CANAZ F., YILMAZ E., ÇOLAK E.
1st International multidisciplinary cancer research congress, 18 - 22 December 2019
- V. **miR663 Prevents Epo inhibition caused by TNF-alpha in Normoxia and Hypoxia**
ÖZKURT M., Hellwig Buergel T., Depping R., KABADERE S., ÖZYURT R., KARADAĞ A., ERKASAP N.
98th meeting of the German Physiological Society, 30 September - 02 October 2019
- VI. **The effect of NOTCH, IL-1 and LEPTIN (NILCO) inhibition in xenograft colorectal cancer**
ÖZYURT R., ERKASAP N., ÖZKURT M., ULUKAYA E., Dimas K.
98th meeting of the German Physiological Society, 30 September - 02 October 2019

- VII. **miR663 TNF-alfa'xxnın Eritropoetin İnhibisyonunu hem Normoksik ve hem de Hipoksik Koşullarda Engelliyor**
 ÖZKURT M., HELLWIG BUERGEL T., DEPPING R., KABADERE S., ÖZYURT R., KARADAĞ A.
 45. Ulusal Fizyoloji Kongresi, Turkey, 31 October - 03 November 2019
- VIII. **Is NOTCH, INTERLEUKIN-1 and LEPTIN INTERACTION (NILCO) important in development of colorectal cancer?**
 ERKASAP N., ÖZKURT M., ÖZYURT R., Erkasap S., YAŞAR N. F., İhtiyar E., Çiftçi e., CANAZ F., ÇOLAK E.
 98TH MEETING OF THE GERMAN PHYSIOLOGICAL SOCIETY JOINT MEETING WITH THE AUSTRIAN PHYSIOLOGICAL SOCIETY (APS) AND LIFE SCIENCES SWITZERLAND (LS2) PHYSIOLOGY, Germany, 30 September - 02 October 2019, vol.227
- IX. **Is Notch -4 Associated with VEGF-A and IL-6 in the CRC Tumorigenesis?**
 ÖZYURT R., ERKASAP N., ÖZKURT M., YAŞAR N. F., İHTİYAR E., CANAZ F., YILMAZ E., ÇOLAK E., Erkasap S.
 Europhysiology 2018, Londrina, Brazil, 14 - 16 September 2018
- X. **Investigation of anti-inflammatory effects of astaxanthin in rat liver tissue in LPS-induced sepsis**
 YELKEN B., çobaner n., ERKASAP N., ÖZKURT M., BEKTUR N. E.
 ESICM 2017, 23 - 27 September 2017, vol.42, pp.392-393
- XI. **Tolfenamic Acid Induces Apoptosis by Increasing TNF-alpha Gene Expression in rat hepatocellular carcinoma cells**
 Süha A., ÖZKURT M., Uyar R., KABADERE S.
 Avusturya fizyoloji Derneği ve Avrupa Fizyoloji Federasyonu Ortak Toplantısı 2017, 13 - 15 September 2017
- XII. **The role of JAK STAT signaling pathway and TNF crosstalkin human colorectal cancer**
 ERKASAP N., ÖZYURT R., ÖZKURT M., YAŞAR N. F., ERKASAP S. M., İHTİYAR E.
 Alman Fizyoloji Kongresi, 3 - 05 March 2016
- XIII. **Proof of principle an in vitro model to compare the efficiencyof therapeutically applied anti TNF antibodies**
 Hellwig Bürgel T., ÖZKURT M., Jelkmann W.
 Alman Fziyoloji Kongresi, 3 - 05 March 2016
- XIV. **The effect of leptin and resveratrol on Jak Stat pathways andSirt 1 gene expression in the renal tissue of ischemia reperfusion induced rats**
 ERKASAP S. M., ERKASAP N., Bradford B., Mamedova L. K., UYSAL O., ÖZKURT M., ÖZYURT R., Kutlay Ö., BAYRAM B.
 Alman Fizyoloji Kongresi, 3 - 05 March 2016
- XV. **Effects of Ceranib 2 on Cell Survival and TNF alpha in Colon Cancer Cell line**
 BAŞPINAR M. S., ÖZYURT R., KUŞ G., Kutlay Ö., ÖZKURT M., ERKASAP N., ERKASAP S. M., KABADERE S.
 The Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies in Kaunas, Lithuania, August 26-29, 2015 The Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies in Kaunas, Lithuania, 26 - 29 August 2015
- XVI. **Thymoquinone Inhibits the Proliferation and Induces Apoptosis of Cancer Cells in Vitro**
 KUŞ G., ÖZKURT M., KABADERE S., DEMİRCİ F., GAMZE G.
 41. Ulusal Fizyoloji Kongresi, Turkey, 9 - 13 September 2015
- XVII. **Investigation of Erythropoietin Tnf alpha and Kidney Tissue Injury Connections in L NAME Induced Hypertensive Rats**
 ÖZKURT M., UZUNER K., ERKASAP N., Jelkman W., Özyurt R., KUŞ G., Uysal Ö., Kutlay Ö.
 10th INTERNATIONAL LUEBEC CONFERENCE ON THE PATHOPHYSIOLOGY AND PHARMACOLOGY OF ERYTROPOIETIN AND OTHER HEMOPOIETIC GROWTH FACTORS, LUEBEC, Germany, 3 - 05 June 2015, vol.90, pp.158
- XVIII. **Investigation of Erythropoietin, TNF-alpha and kidney tissue injury connections in L-name induced hypertensive rats.**
 ÖZKURT M., UZUNER K., ERKASAP N., JELKMANN W., ÖZYURT R., KUŞ G., UYSAL O., KUTLAY Ö.
 10th international Luebeck conference on the pathophysiology and pharmacology of erythropoietin and other hemopoietic growth factors., 03 June 2015, vol.90, pp.158
- XIX. **Effects of Darbeoetin alpha treatment and TNF alpha blockage on cardiovascular parameters blood**

cCells and body and kidney weights in L NAME induced hypertensive rats

ÖZKURT M., UZUNER K., ERKASAP N., KUŞ G., ÖZYURT R., KUTLAY Ö.

Joint Meeting of the Federation of European Physiological Societies (FEPS) and the Hungarian Physiological Society, 27 - 30 August 2014

XX. The expression of vasoactive intestinal peptide receptors and ZENK protein in form deprivation myopia

BAŞMAK H. H., GÜRSOY H. H., ÇAKMAK A. İ., YILDIRIM N., TUNCEL N., ERKASAP N., ÖZKURT M.

The Association for Research in Vision and Ophthalmology 2013 Annual Meeting Abstracts, Poster board number: B0339, Washington, USA., 10 May 2013

XXI. The effects of Bupivacaine Injection And Nitric Oxide In Rabbit Extraocular Muscles

GÜRSOY H. H., BİLGİN B., BAŞMAK H. H., ÖZKURT M., TUNCEL N.

The Association for Research in Vision and Ophthalmology 2012 Annual Meeting Abstracts, Poster board number: D1200, Fort Lauderdale, USA., 10 May 2012

XXII. Plazminoje aktivator inhibitör tip 1 PAI 1 geni 4G 5G polimorfizmi ve kolon kanserine genetik yatkınlık

ERKASAP S. M., ERKASAP N., BAYRAM B., ÖZKURT M., YILDIZ B., İHTİYAR E.

CERRAHİ ARAŞTIRMA KONGRESİ, Turkey, 8 - 10 December 2011

XXIII. Kolon kanseri ve metilentetrahidrofolat redüktaz MTHFR C677T polimorfizmi arasındaki ilişkinin araştırılması

ERKASAP N., ERKASAP S. M., BAYRAM B., ÖZKURT M., YILDIZ B., İHTİYAR E.

CERRAHİ ARAŞTIRMA KONGRESİ, Turkey, 8 - 10 December 2011

XXIV. Comparison of leptin receptor Ob R mRNA expression and blood leptin levels in human colorectal and metastatic colorectal cancer

ERKASAP N., UZUNER K., ÖZKURT M.

Supplement: Abstracts of the Excellence in Oncology 2010 Conference, 18 - 20 November 2010, vol.128, pp.35-49

Supported Projects

ERKASAP N., GÜLTEKİN A., ÖZKURT M., Project Supported by Higher Education Institutions, Kolorektal Kanserde NOTCH, IL-1 ve Leptin (NILCO) İnhibisyonunun Proliferasyon, Migrasyon ve Anjiyojenez Üzerine Etkisi, 2020 - 2024

Eker Sarıboyacı A., Avcı H., Uysal O., Özkurt M., TÜBİTAK Project, Mezenkimal Kök Hücre Yüklü Kompozit Canlı Fibrillerin Saten Dkumasıyla Üretilen Yapı İskeletlerinde İlaç Kontrolü Salınımın Değerlendirilmesi, 2020 - 2021

ÖZKURT M., Project Supported by Higher Education Institutions, HEPG2 Hücre Kültüründe TNF-alfa ve LPS'nin Eritropoetin İnhibisyonu Üzerine Quercetin'in Etkisi, 2018 - 2020

ÖZKURT M., Project Supported by Higher Education Institutions, TNF-Alfa'nın Epo Sentezi Üzerine Yaptığı İnhibisyona Katılan miRNA'ların Susturulması Projesi, 2018 - 2020

Özkurt M., Erkasap N., TÜBİTAK Project, KOLEREKTAL KANSERLERDE NOTCH, INTERLEUKIN-1 VE LEPTİN (NILCO) ETKİLEŞİMİNİN ROLÜ, 2016 - 2020

UZUNER K., ERKASAP N., ÖZKURT M., UYSAL O., Project Supported by Higher Education Institutions, Sıçanlarda L-NAME ile Oluşturulmuş Hipertansiyonun Kan TNF- alfa Eritropoetin Düzeyleri ile Böbrek Dokusu Harabiyeti Arasındaki İlişkinin Araştırılması, 2013 - 2015

ERKASAP S. M., ERKASAP N., UYSAL O., ÖZKURT M., Project Supported by Higher Education Institutions, Böbrek İskemi Reperfüzyonu Oluşturulan Sıçan Leptin ve Resveratrolün Jak/Stat Yolağı ve Sirt-1 Geni Üzerinden Etkisi, 2013 - 2014

Scientific Refereeing

CARDIOVASCULAR DRUGS AND THERAPY, SCI Journal, July 2022

CARDIOVASCULAR DRUGS AND THERAPY, SCI Journal, May 2022

CARDIOVASCULAR DRUGS AND THERAPY, SCI Journal, March 2022

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