

Prof. GÜLER ÖZTÜRK

Personal Information

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Education Information

Doctorate, Gazi University, Tıp Fakültesi/ Sağlık Bilimleri Enstitüsü, Fizyoloji, Turkey 1995 - 2001

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Melatoninin Tiroid Hormonları, Serum Nitrat ve Karaciğer Süperoksit Dismutaz(SOD) Seviyeleri Üzerine Etkilerinin Belirlenmesi, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Temel Tıp Bilimleri/ Fizyoloji Anabilim Dalı, 2001

Research Areas

Health Sciences, Medicine, Fundamental Medical Sciences, Human Physiology, Neurophysiology

Academic Titles / Tasks

Research Assistant, Gazi University, Tıp Fakültesi/ Sağlık Bilimleri Enstitüsü, Temel Tıp Bilimleri, 1994 - 2001

Academic and Administrative Experience

İstanbul Medeniyet Üniversitesi, 2016 - Continues

Maltepe Üniversitesi, Temel Tıp Bilimleri, 2013 - 2016

Maltepe Üniversitesi, 2001 - 2016

Maltepe Üniversitesi, (Vekil), 2013 - 2013

Maltepe Üniversitesi, 2012 - 2013

Maltepe Üniversitesi, Sağlık Bilimleri, 2010 - 2013

Maltepe Üniversitesi, 2010 - 2013

Maltepe Üniversitesi, Hemşirelik (Vekil), 2012 - 2012

Maltepe Üniversitesi, 2010 - 2012

Maltepe Üniversitesi, 2010 - 2011

Maltepe Üniversitesi, Sağlık Bilimleri Enstitüsü, 2007 - 2010

Maltepe Üniversitesi, 2005 - 2010

Maltepe Üniversitesi, Temel Tıp Bilimleri, 2005 - 2006

Maltepe Üniversitesi, 2002 - 2004

Maltepe Üniversitesi, Hemşirelik , 2002 - 2004

Advising Theses

ÖZTÜRK G., Mikro Akışkan Çip, Yüzdürme (swim up) ve Gradient Yöntemleri Kullanılarak Hazırlanan Sperm Örneklerinde DNA Fragmantasyon Oranlarının Karşılaştırılması, Postgraduate, T.Murtaz(Student), 2016

ÖZTÜRK G., Spermatozoonların Miktar, Biçim ve Hareket Bakımından Normal Olan Erkeklerde Sperm Dondurma-Çözme İşleminde DNA Hasar Tayini, Postgraduate, T.Dinç(Student), 2015

Jury Memberships

Post Graduate, Tez Savunma Jürisi, İstanbul Medeniyet Üniversitesi, July, 2016

Post Graduate, Tez savunma Jürisi, Maltepe Üniversitesi, July, 2016

Appointment Academic Staff, Doçentlik Atama , İstanbul Üniversitesi, June, 2016

Appointment Academic Staff, Profesör Atama, Sağlık Bilimleri Üniversitesi, March, 2016

Appointment Academic Staff, Yrd.Doç. Atama, İstanbul Medeniyet Üniversitesi, February, 2016

Associate Professor Exam, Doçentlik Sınav Jürisi, Çukurova Üniversitesi, October, 2014

Associate Professor Exam, Doçentlik Sınav Jürisi, Çukurova Üniversitesi, April, 2014

Appointment Academic Staff, Yardımcı Doçentlik Atama, Maltepe Üniversitesi, February, 2014

Associate Professor Exam, Doçentlik Sınav Jürisi, Çukurova Üniversitesi, April, 2013

Appointment Academic Staff, Doçentlik Atama, Haliç Üniversitesi, January, 2013

Appointment Academic Staff, Yardımcı Doçentlik Atama, Maltepe Üniversitesi, November, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, İstanbul Üniversitesi, October, 2012

Appointment Academic Staff, Yardımcı Doçentlik Atama, Maltepe Üniversitesi, October, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Ondokuz Mayıs Üniversitesi, April, 2012

Appointment Academic Staff, Profesörlük Atama, Gazi Üniversitesi, March, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Ondokuz Mayıs Üniversitesi, October, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Exposure to Music on Spatial Learning and Memory in Rats**
Adil H., Cevreli B., ÖZTÜRK G.
NEUROENDOCRINOLOGY, vol.111, pp.49-50, 2021 (Peer-Reviewed Journal)
- II. **Comparison of Melatonin and Ozone in the Prevention of Reperfusion Injury Following Unilateral Testicular Torsion in Rats**
Ekici S., EKICI A. I. D. , Ozturk G., AKSUNGAR F. B. , SINANOGLU O., TURAN G., LULECI N.
UROLOGY, vol.80, no.4, pp.899-906, 2012 (Peer-Reviewed Journal)
- III. **Age-related changes in the rat brain mitochondrial antioxidative enzyme ratios: Modulation by melatonin**
Ozturk G., Akbulut K. G. , Guney S., ACUNA-CASTROVIEJO D.
EXPERIMENTAL GERONTOLOGY, vol.47, no.9, pp.706-711, 2012 (Peer-Reviewed Journal)
- IV. **Exercise and melatonin in humans: reciprocal benefits**
ESCAMES G., Ozturk G., BANO-OTALORA B., Pozo M. J. , MADRID J. A. , REITER R. J. , SERRANO E., CONCEPCION M., ACUNA-CASTROVIEJO D.
JOURNAL OF PINEAL RESEARCH, vol.52, no.1, pp.1-11, 2012 (Peer-Reviewed Journal)
- V. **Melatonin with 1,25-Dihydroxyvitamin D3 Protects against Apoptotic Ischemia-Reperfusion Injury in the Rat Kidney**

Sinanoglu O., Sezgin G., Ozturk G., TUNCDEMIR M., Guney S., Aksungar F. B. , Yener N.
RENAL FAILURE, vol.34, no.8, pp.1021-1026, 2012 (Peer-Reviewed Journal)

- VI. **Malatonin and zinc for Age Management**
OZTURK G.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.29, no.5, pp.54-57, 2009 (Peer-Reviewed Journal)
- VII. **Age-related changes in tissue and plasma zinc levels: Modulation by exogenously administered melatonin**
Oeztuerk G., Akbulut K. G. , Afrasyap L.
EXPERIMENTAL AGING RESEARCH, vol.34, no.4, pp.453-462, 2008 (Peer-Reviewed Journal)
- VIII. **Nitric oxide levels during erythroid differentiation in K562 cell line**
KUCUKKAYA B., Ozturk G., YALCINTEPE L.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.43, no.4, pp.251-253, 2006 (Peer-Reviewed Journal)
- IX. **Serum levels of nitric oxide end products and interactions with lipoproteins in patients with coronary artery disease**
Afrasyap L., Öztürk G., Erbaş D.
Clinical Laboratory, vol.50, pp.703-707, 2004 (Peer-Reviewed Journal)
- X. **NO level and endothelial NO synthase gene polymorphism (Glu298Asp) in the patients with coronary artery disease from the Turkish population**
AFRASYAP L., Ozturk G.
ACTA BIOCHIMICA ET BIOPHYSICA SINICA, vol.36, no.10, pp.661-666, 2004 (Peer-Reviewed Journal)
- XI. **Ratios of homocysteine and nitrite to high-density lipoprotein in coronary artery patients with the different degree of stenosis**
AFRASYAP L., Ozturk G.
VASCULAR PHARMACOLOGY, vol.41, no.3, pp.91-96, 2004 (Peer-Reviewed Journal)
- XII. **Effect of melatonin treatment on liver and thymus zinc levels in young and middle-aged rats**
Ozturk G., AKBULUT K., AFRASYAP L., SEVINC D.
JOURNAL OF TRACE ELEMENTS IN EXPERIMENTAL MEDICINE, vol.17, no.1, pp.75-80, 2004 (Peer-Reviewed Journal)
- XIII. **Behcet's disease and nitric oxide production**
KOC AK M., ERBAS D., KARABULUT A., Ozturk G., EKSI OGLU M.
INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.42, no.3, pp.244-245, 2003 (Peer-Reviewed Journal)
- XIV. **Prognostic role of serum vascular endothelial growth factor, basic fibroblast growth factor and nitric oxide in patients with colorectal carcinoma**
AKBULUT H., ALTUNTAS F., AKBULUT K., Ozturk G., CINDORUK M., UNAL E., ICLI F.
CYTOKINE, vol.20, no.4, pp.184-190, 2002 (Peer-Reviewed Journal)
- XV. **Cerebrospinal fluid levels of nitric oxide and nitrotyrosine in Neonates with mild hypoxic-ischemic encephalopathy**
GUCUYENER K., ERGENEKON E., DEMIRYUREK T., ERBAS D., Ozturk G., KOC E., ATALAY Y.
JOURNAL OF CHILD NEUROLOGY, vol.17, no.11, pp.815-818, 2002 (Peer-Reviewed Journal)
- XVI. **Nitric oxide production in newborns under phototherapy**
ERGENEKON E., GUCUYENER K., DURSUN H., ERBAS D., Ozturk G., KOC E., ATALAY Y.
NITRIC OXIDE-BIOLOGY AND CHEMISTRY, vol.6, no.1, pp.69-72, 2002 (Peer-Reviewed Journal)
- XVII. **Vitamin C decreases intracellular calcium level in human lymphoid cells**
Ozturk G., MULHOLLAND C., HANNIGAN B.
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.52, no.2, pp.285-292, 2001 (Peer-Reviewed Journal)
- XVIII. **Natural killer cell activity, serum immunoglobulins, complement proteins, and zinc levels in patients with psoriasis vulgaris**
Ozturk G., ERBAS D., GELIR E., GULEKON A., IMIR T.
IMMUNOLOGICAL INVESTIGATIONS, vol.30, no.3, pp.181-190, 2001 (Peer-Reviewed Journal)
- XIX. **The effect of melatonin on liver superoxide dismutase activity, serum nitrate and thyroid hormone levels**

Ozturk G., COSKUN S., ERBAS D., HASANOGLU E.

JAPANESE JOURNAL OF PHYSIOLOGY, vol.50, no.1, pp.149-153, 2000 (Peer-Reviewed Journal)

XX. Urinary nitric oxide in newborns with infections

ERGENEKON E., GUCUYENER K., ERBAS D., KOC E., Ozturk G., ATALAY Y.

BIOLOGY OF THE NEONATE, vol.78, no.2, pp.92-97, 2000 (Peer-Reviewed Journal)

XXI. Biochemical alterations in neonatal hypoxic ischaemic brain damage

GUCUYENER K., GUR T., OZ E., TURKYILMAZ C., Ozturk G., ERBAS D., ATALAY Y., HASANOGLU A.

PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.57, no.6, pp.567-570, 1997 (Peer-Reviewed Journal)

XXII. DECREASED NATURAL-KILLER (NK) CELL-ACTIVITY IN ZINC-DEFICIENT RATS

OZTURK G., ERBAS D., IMIR T., BOR N.

GENERAL PHARMACOLOGY, vol.25, no.7, pp.1499-1503, 1994 (Peer-Reviewed Journal)

Articles Published in Other Journals

I. Serum and tissue nitrate levels in neonatal streptozotocin-induced diabetic rats

OZTURK G., Özsoy N., Sezgin G., Sarıkaya M.

Maltepe Tıp Dergisi, vol.4, no.3, pp.34-37, 2012 (Peer-Reviewed Journal)

II. Cytoplasmic nitric oxide levels during erythroid differentiation in K562 cells.

OZTURK G., Küçükaya B., Yalçınentepe L.

Maltepe Tıp Dergisi, vol.4, no.3, pp.38-41, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

I. Endokrin Sistem

OZTURK G.

in: Lippincott Fizyoloji, İsoğlu-Alkaç Ü, Ermutlu M.N., Yılmaz B, Editor, Nobel Tıp Kitabevi, İstanbul, pp.450-500, 2013

Refereed Congress / Symposium Publications in Proceedings

I. Calcineurin and Reelin Gene Promoter Region Methylation Changes Due to Fear Conditioned Long-Term Memory Formation in Hippocampal And Dorsomedial Prefrontal Cortex Tissues of Young or Aged Rats

Yazıcı Mutlu Ç., ÖZTÜRK G., Akarsu E., Bayrak Ö. F., Yılmaz B., Şeker B., Suakar Ö.

43.Ulusal Fizyoloji Kongresi, Denizli, Turkey, 07 September 2017, pp.43

II. Seasonal Vitamin D Levels of Persons Admitted to Family Medicine

Çaykara B., ÖZTÜRK G., Mutlu H. H.

43.Ulusal Fizyoloji Kongresi, Denizli, Turkey, 07 September 2017, pp.113

III. miR-124 Expression Levels in Human Renal Cell Carcinoma

Çaykara B., ÖZTÜRK G., Alsaadoni H., Ötünçtemur A., Pençe S.

43.Ulusal Fizyoloji Kongresi, Denizli, Turkey, 07 September 2017, pp.41

IV. Histochemical Observations on Protective Effects of Melatonin Against Carbon tetrachloride (CCl4)-induced hepatotoxicity.

Özerken D., Özsoy N., Akbulut K. G., GUNEY S., OZTURK G.

FEPS, Kaunas, Lithuania, 26 August 2015, pp.20

V. S. Ekici, I.D.Ekici, G.Öztürk, F. Aksungar, G. Turan, N. Lülecı, "Comparison of Melatonin And Ozone in the Prevention of Reperfusion Injury Following Unilateral Testicular Torsion: An Experimental Study

In Rats.

EKICI S., Ekici I., OZTURK G., Aksungar F., Turan G., Lüleci N.
FEPS, İstanbul, Turkey, 03 September 2011, pp.6

- VI. **Histochemical Properties of Gastrocnemius Muscle Fibers in the Young and Aged.**
Cebesoy S., Özsoy N., Okan D., OZTURK G., Akbulut K., Güney Ş.
FEPS, İstanbul, Turkey, 03 September 2011, pp.20
- VII. **The Effect of Melatonin on Oxidative Stress Parameters and Zinc of Wound Tissue.**
Akbulut K. G., Karatas F., Özer Ç., OZTURK G., Ömeroğlu S., Acartürk F.
FEPS, İstanbul, Turkey, 03 September 2011, pp.20
- VIII. **The Effect of Melatonin Supplementation on the Antioxidant Mineral levels of Various Tissues in Young and Old-aged Rats.**
AFRASYAP L., Türkçü Ü., Akbulut K., OZTURK G.
III.International Congress of Molecular Medicine, İstanbul, Turkey, 05 May 2009, pp.15
- IX. **Prevention of Age-deporent Oxidative Damage and Inflammation by Chronic Melatonin Administration.**
ESCAMES G., Lopez L., SERRANO E., OZTURK G., Garcia L., ACUNA-CASTROVIEJO D.
XXXV Congress of The Spanish Society for Physiological Sciences, Valancia, Spain, 17 February 2009, pp.61-62
- X. **Age-related Characteristics of Thymus Antioxidant Minerals in Rats Supplemented by Exogenous Melatonin.**
AFRASYAP L., Türkçü Ü., Akbulut K., OZTURK G.
XXIII International Academy Of Tumor Marker Oncology(IATMO), Cancer, Cell Death and Differentiation, Trieste, Italy, 19 October 2007, pp.41
- XI. **Effect of Melatonin Administration on Small Intestine Se,Cu, Zn, Mn, Fe Levels in Young and Old rats**
Türkçü Ü., Akbulut K., OZTURK G., Afrasyap L.
15th Meeting of Balkan Clinical Laboratory Federation, Antalya, Turkey, 04 September 2007, pp.162
- XII. **The Role of Exogenous Melatonin on Zinc Levels in Middle-aged Rats**
OZTURK G., Afrasyap L., Sarıkaya M.
FEBS, İstanbul, Turkey, 24 June 2006, pp.31
- XIII. **Serum Nitric Oxide Concentrations According to the Frequencies of the Glu298Asp Polimorphisms of the ENOS Gene in Coronary Artery Disease**
Afrasyap L., OZTURK G.
Summer Meeting SFRR- Reactive oxygen Species and Antioxidants, Lodz, Poland, 02 July 2004, pp.89
- XIV. **Serum Nitric Oxide and B Vitamins Values in Patients With Hyperhomocysteine-induced Atherothrombosis**
Afrasyap L., OZTURK G.
Summer Meeting SFRR-“Reactive oxygen Species and Antioxidants, Lodz, Poland, 02 July 2004, pp.90
- XV. **Genotype Distribution of MTHRF C677T, A 1298C, and eNOS G894 Polymorphisms in Postmenopausal Women from Healthy and Coronary Populations and Its Relation to THCY, Folate, Vitamin B12 and NO Levels**
Afrasyap L., OZTURK G., Erikci H., Köksal V., Aras Ş., Erbaş D., Dindar İ., Arsan S.
2 nd Int. & 5 th National Congress on Menopause & Osteoporosis, İstanbul, Turkey, 18 September 2002, pp.21
- XVI. **Postmenopozal Kadınlarda Farklı Hormon Replasman Tedavilerinin Plazma Nitrik Oksit Seviyesine Etkileri**
Özpolat E., Taner ., OZTURK G., Kurdoğlu M., Telli M., Erbaş D., Yıldırım M.
2 nd Int. & 5 th National Congress on Menopause & Osteoporosis, İstanbul, Turkey, 18 September 2002, pp.29
- XVII. **Nitrate Levels of Kidney and Pancreatic Tissue in Streptozotocin-Induced Diabetic Rats**
OZTURK G., Özsoy N., Afrasyap L.
2nd. Int. Biology, Chemistry and Therapeutic Applications of Nitric Oxide, Prag, Czech Republic, 16 June 2002, pp.443
- XVIII. **Nitrite Levels of Patients with Coronary Arterial Disease Diagnosed by Angiography**
Afrasyap L., OZTURK G., Erikci H., Erbaş D.

2nd. Int. Biology, Chemistry and Therapeutic Applications of Nitric Oxide, Prag, Czech Republic, 16 June 2002, vol.6, pp.353

- XIX. Homocysteine and Nitrite / Nitrate Levels in Patients with Cardiovascular Disease**
Afrasyap L., OZTURK G., Eriksi H., Erbaş D., Dindar İ., Arsan S.
Turkish - Italian- Spanish Joint Meeting on Hypertension & Atherosclerosis, Antalya, Turkey, 11 June 2002, pp.118
- XX. A New Prognostic Angiogenic Index for The Patients with Colorectal Cancer**
Akbulut H., Altuntaş F., OZTURK G., Akbulut K., Cindoruk M., Ekrem U., İçli F.
Proc. Thirty-seventh Annual Meeting, American Society of Clinical Oncology, San Francisco, United States Of America, 12 May 2001, vol.20
- XXI. The Effect of Acute Exhaustive and Chronic Submaximal Exercises on Kidney Nitric Oxide Levels**
Güney Ş., Dinçer S., OZTURK G., Atalay Güzel N.
6.International Sports Sciences Congress, Ankara, Turkey, 03 November 2000, pp.264-265
- XXII. Mestrual Döngünün Farklı Dönemlerinde Karşılaşılan Akut Stresin Bağışıklık Sistemine Etkileri**
Pehlivanhoğlu B., BALKANCI Z. D. , Durmazlar N., Erbaş D., OZTURK G., OKUR H.
26.Ulusal Fizyoloji Kongresi, Eskişehir, Turkey, 04 September 2000, pp.48
- XXIII. Ratlarda Melatonin Uygulamasının Serum ve Doku Çinko Düzeylerine Etkisi**
OZTURK G., COSKUN S., ERBAŞ D., HASANOGLU E.
25. Ulusal Fizyoloji Kongresi, Elazığ, Turkey, 06 September 1999, pp.194
- XXIV. Melatonin Verilen Ratlarda Nitrat Melatonin, SOD, Tiroid Hormon ve TSH Düzeyleri**
OZTURK G., COSKUN S., ERBAŞ D., HASANOGLU E.
24. Ulusal Fizyoloji Kongresi, Samsun, Turkey, 14 September 1998, pp.140
- XXV. Deneysel Çinko Eksikliğinin Natural Killer (NK) Lenfositler Üzerine Etkisi.**
OZTURK G., ERBAS D., IMIR T.
24. Ulusal Fizyoloji Kongresi, Samsun, Turkey, 14 September 1998, pp.162
- XXVI. İmmunosupresif Ratlarda Aspirin, Tamoksifen ve Melatoninin Mide Mukozası Lipid Peroksidasyonu ve Antioksidan Kapasitesi Üzerine Etkileri**
Akbulut H., AKBULUT K. G. , OZTURK G., İçli F., Erenkul S.
14. Ulusal Gastroenteroloji Kongresi, İstanbul, Turkey, 12 September 1998, pp.9-10
- XXVII. Psoriasis Vulgaris'de Natural Killer Hücre Aktivitesi, Serum İmmünoglobulinleri IgG, IgA, IgM, Kompleman Proteinleri C3, C4 ve Serum Çinko Düzeylerinin İncelenmesi.**
OZTURK G., ERBAS D., GELİR E., GULEKON A., IMIR T.
22. Ulusal Fizyoloji Kongresi, Bursa, Turkey, 08 September 1996, pp.56

Supported Projects

ÖZTÜRK G., Project Supported by Higher Education Institutions, Calcineurin and Reelin Gene Promoter Region DNA Methylation Changes in the Amygdala of Young and Aged Rats, 2018 - 2019

ANKARALI S., Bayramlar Z., ÖZTÜRK G., ANKARALI H., Project Supported by Higher Education Institutions, Tıp Fakültesi Öğrencilerinde Aerobik Kapasite ile Okul Başarısı ve Bilişsel Performans Arasındaki İlişki, 2017 - 2019

ÖZTÜRK G., MUTLU H. H. , Çaykara B., Project Supported by Higher Education Institutions, Aile Hekimliği ne Başvuran Kişilerin Mevsimsel Vitamin D Düzeyleri, 2017 - 2018

ÖZTÜRK G., TUBITAK Project, Genç ve yaşlı sıçanlarda bellek oluşumu ve depolanmasının, zaman bağımlı olarak beynin farklı bölgelerinde DNA metilasyonu yönünden incelenmesi, 2015 - 2017

ÖZTÜRK G., ÖNER Ş. S. , Project Supported by Higher Education Institutions, Ric8B proteininin Golgi Organeli ile Etkileşiminin İncelenmesi, 2015 - 2017

ÖZTÜRK G., ARTIŞ A. S. , BULUR S., ALKOÇ O. A. , Project Supported by Higher Education Institutions, EGZERSİZ ve METABOLİZMA ARAŞTIRMA LABORATUARI, 2014 - 2017

Memberships / Tasks in Scientific Organizations

Türk Fizyolojik Bilimler Derneđi, Member, 2014 - Continues

Metrics

Publication: 70

Citation (WoS): 360

Citation (Scopus): 355

H-Index (WoS): 10

H-Index (Scopus): 11

Non Academic Experience

Non-profit Organisation