

Prof. Hande YAPIŞLAR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: X-1407-2018

Yoksis Researcher ID: 41699

Education Information

Doctorate, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2003 - 2008

Postgraduate, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2000 - 2003

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1996 - 2000

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Streptozotosinle deneysel diyabet oluşturulmuş ratlarda bozulan eritrosit deformabilitesine karnozin'in etkisi : karnozin-nitrik oksit ilişkisi, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2008

Postgraduate, Behçet hastalarında eritrositlerin deformabilite özellikleri ile trombosit agregasyonundaki değişiklikler, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2003

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2024 - Continues

Associate Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2016 - 2024

Assistant Professor, Istanbul Bilim University, School Of Medicine, Department Of Basic Medical Sciences, 2009 - 2016

Research Assistant, Erciyes University, Tıp Fakültesi, 2001 - 2008

Academic and Administrative Experience

Mezuniyet Sonrası Eğitim Koordinatör Yardımcısı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Medical Sciences, 2016 - Continues

Ders Kurulu Başkanı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, 2023 - 2024

Ethics Committee Member, Diğer (Kurumlar,hastaneler Vb.), Şişli Hamidiye Etfal Eğitim ve Araştırma Hastanesi, 2011 - 2023

Fakülte Yönetim Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Medical Sciences, 2019 - 2022

Ethics Committee Member, Bogazici University, 2015 - 2022

Ders Kurulu Başkanı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - 2021

Courses

Doctorate

Physiology, Doctorate, 2024 - 2025

Physiology, Doctorate, 2023 - 2024

Undergraduate

Physiology Lab, Undergraduate, 2023 - 2024

Fizyoloji I, Undergraduate, 2024 - 2025

Spor Bilimleri Fizyolojisi, Undergraduate, 2023 - 2024

Physiology, Undergraduate, 2023 - 2024

MED214, Undergraduate, 2023 - 2024

Respiratory System and Disorders, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Docosahexaenoic acid (DHA) alleviates inflammation and damage induced by experimental colitis**
Ariturk L. A., Cilingir S., Kolgazi M., Elmas M., Arbak S., Yapislar H.
EUROPEAN JOURNAL OF NUTRITION, vol.63, no.7, pp.2801-2813, 2024 (SCI-Expanded)
- II. **A novel EGFR inhibitor, HNPMT, regulates apoptosis and oncogenesis by modulating BCL-2/BAX and p53 in colon cancer**
Kandhavelu J., Subramanian K., Naidoo V., Sebastianelli G., Doan P., Mani S. K., YAPIŞLAR H., HACIOSMANOĞLU E., Arslan L., Ozer S., et al.
BRITISH JOURNAL OF PHARMACOLOGY, vol.181, no.1, pp.107-124, 2024 (SCI-Expanded)
- III. **The melatonin MT2 receptor is involved in the anti-apoptotic effects of melatonin in rats with type 2 diabetes mellitus**
YAPIŞLAR H., HACIOSMANOĞLU E., Sarioglu T., Ekmekcioglu C.
TISSUE & CELL, vol.76, 2022 (SCI-Expanded)
- IV. **Anti-Inflammatory Effects of Melatonin in Rats with Induced Type 2 Diabetes Mellitus**
YAPIŞLAR H., HACIOSMANOĞLU E., Sarioglu T., Degirmencioglu S., Sogut I., Poteser M., Ekmekcioglu C.
LIFE-BASEL, vol.12, no.4, 2022 (SCI-Expanded)
- V. **The Effect of D-Limonene-Rich Citrus Grandis Essential Oil on Proliferation of Colon Cancer Cell Line HCT116**
Ertosun G. B., Sarioglu T., YAPIŞLAR H.
ACTA PHYSIOLOGICA, vol.227, pp.67, 2019 (SCI-Expanded)
- VI. **Investigation of the Effect of Melatonin and Luzindole on Inflammatory Cytokines in Kidney and Liver Tissues in Type 2 Diabetes**
YAPIŞLAR H., HACIOSMANOĞLU E., Sarioglu T.
ACTA PHYSIOLOGICA, vol.227, pp.111, 2019 (SCI-Expanded)
- VII. **Multidisciplinary Approach to the Team Based Learning**
YAPIŞLAR H.
ACTA PHYSIOLOGICA, vol.227, pp.22, 2019 (SCI-Expanded)
- VIII. **Counteraction of Apoptotic and Inflammatory Effects of Adriamycin in the Liver Cell Culture by Clinopitolite**

YAPIŞLAR H., Taskin E., Ozdas S., Akin D., Sonmez E.

BIOLOGICAL TRACE ELEMENT RESEARCH, vol.170, no.2, pp.373-381, 2016 (SCI-Expanded)

- IX. **Evaluation of carbapenem resistance using phenotypic and genotypic techniques in Enterobacteriaceae isolates**
ŞAHİN K., Tekin A., Ozdas S., Akin D., YAPIŞLAR H., Dilek A. R., Sonmez E.
ANNALS OF CLINICAL MICROBIOLOGY AND ANTIMICROBIALS, vol.14, 2015 (SCI-Expanded)
- X. **Antioxidant effect of carnosine treatment on renal oxidative stress in streptozotocin-induced diabetic rats**
YAY A. H., Akkus D., YAPIŞLAR H., BALCIOĞLU E., Sonmez M. F., Ozdamar S.
BIOTECHNIC & HISTOCHEMISTRY, vol.89, no.8, pp.552-557, 2014 (SCI-Expanded)
- XI. **Effect of curcumin on hepatic heme oxygenase 1 expression in high fat diet fed rats: is there a triangular relationship?**
Oner-Iyidogan Y., Tanrikulu-Kucuk S., Seyithanoglu M., Kocak H., ABBASOĞLU S., AYDIN A. F., Beyhan-Ozdas S., YAPIŞLAR H., TOKER B. N.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.92, no.10, pp.805-812, 2014 (SCI-Expanded)
- XII. **Nephro-protective effect of granulocyte colony-stimulating factor in streptozotocin induced diabetic rats**
Erbas O., YAPIŞLAR H., Oltulu F., Yavasoglu A., Aktug H., Taskiran D.
BIOTECHNIC & HISTOCHEMISTRY, vol.89, no.7, pp.488-496, 2014 (SCI-Expanded)
- XIII. **L-carnosine alters some hemorheologic and lipid peroxidation parameters in nephrectomized rats.**
Yapislar H., Taskin E.
Medical science monitor : international medical journal of experimental and clinical research, vol.20, pp.399-405, 2014 (SCI-Expanded)
- XIV. **Growth hormone deficiency due to sports-related head trauma is associated with impaired cognitive performance in amateur boxers and kickboxers as revealed by P300 auditory event-related potentials**
Tanriverdi F., SÜER C., YAPIŞLAR H., KOÇYİĞİT İ., SELÇUKLU A., ÜNLÜHİZARCI K., Casanueva F. F., Kelestimur F.
CLINICAL ENDOCRINOLOGY, vol.78, no.5, pp.730-737, 2013 (SCI-Expanded)
- XV. **Effect of carnosine on erythrocyte deformability in diabetic rats.**
Yapislar H., Aydogan S.
Archives of physiology and biochemistry, vol.118, pp.265-72, 2012 (SCI-Expanded)
- XVI. **Biological understanding of the cardiovascular risk associated with major depression and panic disorder is important**
YAPIŞLAR H., Aydogan S., ÖZÜM Ü.
INTERNATIONAL JOURNAL OF PSYCHIATRY IN CLINICAL PRACTICE, vol.16, no.1, pp.27-32, 2012 (SCI-Expanded)
- XVII. **Evaluation of cognitive performance by using P300 auditory event related potentials (ERPs) in patients with growth hormone (GH) deficiency and acromegaly**
Tanriverdi F., YAPIŞLAR H., Karaca Z., ÜNLÜHİZARCI K., SÜER C., Kelestimur F.
GROWTH HORMONE & IGF RESEARCH, vol.19, no.1, pp.24-30, 2009 (SCI-Expanded)
- XVIII. **Impaired erythrocytes deformability in H(2)O(2)-induced oxidative stress: protective effect of L-carnosine.**
Aydogan S., Yapislar H., Artis S., Aydogan B.
Clinical hemorheology and microcirculation, vol.39, pp.93-8, 2008 (SCI-Expanded)
- XIX. **Decreased nitric oxide and increased platelet aggregation levels in patients with Behcet's disease**
YAPIŞLAR H., Aydogan S., Borlu M., Ascioğlu O.
THROMBOSIS RESEARCH, vol.119, no.4, pp.461-465, 2007 (SCI-Expanded)
- XX. **Lipid peroxidation and deformability of red blood cells in experimental sepsis in rats: The protective effects of melatonin**
AYCAN M. B., YAPIŞLAR H., Aydogan S., Yalcin O., Baskurt O.
CLINICAL HEMORHEOLOGY AND MICROCIRCULATION, vol.30, no.2, pp.77-82, 2004 (SCI-Expanded)
- XXI. **In vitro effects of melatonin on the filtrability of erythrocytes in SNP-induced oxidative stress.**

Aydogan S., Yerer M. B., Yapıslar H.

Clinical hemorheology and microcirculation, vol.30, no.3-4, pp.317-22, 2004 (SCI-Expanded)

XXII. **Melatonin increases glutathione peroxidase activity and deformability of erythrocytes in septic rats.**

Yerer M., Aydogan S., Yapıslar H., Yalcin O., Kuru O., Baskurt O.

Journal of pineal research, vol.35, pp.138-9, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Indomethacin Affects the Inflammatory Response via Interaction with the RhoA-Actin Cytoskeleton in THP-1 Cells**
Haciosmanoğlu E., Dal Yöntem F., Ateşoğlu Ş., Yapıslar H., Günçer B., Bektaş M.
EXPERIMED, vol.3, no.13, pp.213-217, 2023 (Peer-Reviewed Journal)
- II. **Evaluation of the Design and Methodology of Applications to the Local Ethics Committee**
Altuntas Y., Yildirmak Z. Y., Erdogan S., Seckin D., Cerman A. A., YAPIŞLAR H., Onal G., Elcioglu K., Eren N., Orken D. N.
MEDICAL BULLETIN OF SISLI ET FAL HOSPITAL, vol.55, no.4, pp.450-456, 2021 (ESCI)
- III. **Diyabetin ve karnozinin kemik yapısı ve mineral yoğunluğu üzerine etkileri**
YAY A. H., BALCIOĞLU E., YAPIŞLAR H., ÖZDAMAR S.
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, 2013 (Peer-Reviewed Journal)
- IV. **Altered Erythrocyte deformability and antioxidant status in patients with Schizophrenia**
YAPIŞLAR H.
Marmara Medical Journal, 2012 (Peer-Reviewed Journal)
- V. **Behçet hastalığında artan oksidatif stresin eritrosit deformabilitesi üzerine etkisi**
YAPIŞLAR H., AYDOĞAN S., aşcıoğlu ö.
Erciyes Tıp Dergisi, 2006 (Peer-Reviewed Journal)
- VI. **Behçet hastalığının aktif ve remisyon dönemlerinde trombosit agregasyonundaki değişiklikler**
YAPIŞLAR H., AYDOĞAN S., Aşcıoğlu Ö.
Erciyes Üniversitesi Sağlık Bilimleri Dergisi, 2003 (Peer-Reviewed Journal)

Books

- I. **Physiology at a Glance**
Yapıslar H. (Editor)
İstanbul Medikal Yayıncılık, İstanbul, 2019

Scientific Project Refereeing

TUBITAK Project, 1002 - Quick Support Program, February 2025

TUBITAK Project, 3501 - National Young Researcher Career Development Program, September 2024

Metrics

Publication: 59

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H-Index (Scopus): 13