

Prof. NURETTİN AYDOĞDU

Personal Information

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Biography

He was born in Bilalusagi-Baskil-Elazig in 1970. He completed his primary education in Bilalusagi Village and his secondary and high school education in Malatya Fatih High School in 1987. He graduated from Fırat University Veterinary Faculty in 1992. He started to work as a lecturer at Trakya University Kırklareli School of Health in 1995 and as a research assistant at Trakya University Faculty of Medicine, Department of Physiology in 1998. He completed his doctorate in 2004. He received the title of Assistant Professor in 2006, Associate Professor in 2007 and Professor in 2013 in the Department of Physiology of Trakya University Faculty of Medicine. Since March 30, 2020, he started to work in the Professor at the Physiology Department of the Faculty of Medicine, İnönü University. He is married and has a child.

Education Information

Doctorate, Trakya University, Sağlık Bilimleri Enstitüsü (Tıp), Fizyoloji, Turkey 1998 - 2004

Under Graduate, Fırat University, Veteriner Fakültesi, Veteriner, Turkey 1987 - 1992

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Hücre Kültürü, Calcium, Membran Potential, Department of Physiology, Justus-Liebig-University of Giessen, Giessen, Germany, 2011

Dissertations

Doctorate, Deneysel Miyoglobülin Akut Böbrek Yetmezliğinde Eksojen Melatoninin Böbrek Fonksiyonuna Etkisi, Trakya University, Sağlık Bilimleri Enstitüsü, Fizyoloji, 2004

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology

Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues
Professor, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - 2020
Associate Professor, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri, 2007 - 2013
Assistant Professor, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri, 2006 - 2007

Professional Experience

Head of Department, Trakya University, Tıp Fakültesi, Temel Tıp Bilimleri, 2014 - 2017
Vice Dean, Trakya University, Tıp Fakültesi, 2015 - 2016
Deputy Director of Junior College, Trakya University, Kırklareli Sağlık Yüksekokulu, 1995 - 1997

Advising Theses

AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Hasarında Oksitosinin Etkilerinin Araştırılması, Post Graduate, H.Özata(Student), 2019
AYDOĞDU N., Deneysel Hipertansiyon Modeli Oluşturulan Sıçanlarda Kisspeptinin Kan Basıncı Üzerindeki Etkisinin Araştırılması, Doctorate, Ö.Yalçınkaya(Student), 2019
AYDOĞDU N., Deneysel Hipertansiyon Oluşturulan Sıçanlarda Likopenin Etkilerinin Araştırılması, Post Graduate, N.Kandemir(Student), 2018
AYDOĞDU N., Anjiyotensin II ile Oluşturulan Deneysel Hipertansiyon Modelinde Nesfatin 1 ve Adropin'in Böbrek Fonksiyonları ile İlişkinin Araştırılması, Post Graduate, M.Ali(Student), 2018
AYDOĞDU N., Deneysel Böbrek İskemi/Reperfüzyon Hasarında Kisspeptinin Rolünün İncelenmesi, Post Graduate, A.Kudaibergenova(Student), 2018
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Hasarında Relaksin Etkileri, Doctorate, A.İlhan(Student), 2017
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Hasarında İrisinin Etkileri, Post Graduate, M.Deniz(Student), 2017
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Likopenin Etkileri, Post Graduate, S.Uzun(Student), 2016
AYDOĞDU N., Deneysel Böbrek İskemi/Reperfüzyon Hasarında Likopenin Etkileri, Doctorate, M.Demircan(Student), 2016
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Erdosteinin Etkileri, Post Graduate, Ç.Atagün(Student), 2014
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Baicalinin Etkileri, Post Graduate, Ö.Yalçınkaya(Student), 2013
AYDOĞDU N., Deneysel Böbrek İskemi/Reperfüzyon Hasarında Pelargonium sidoidesin Etkileri, Post Graduate, S.Öz(Student), 2013
AYDOĞDU N., Sıçanlarda Böbrek İskemi/Reperfüzyon Hasarında Baicalinin Etkileri, Post Graduate, M.Hacı(Student), 2012
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Losartanın Etkileri, Expertise In Medicine, O.Kaya(Student), 2010
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Nebivolol'ün Etkileri, Post Graduate, A.İlhan(Student), 2010
AYDOĞDU N., Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Rosiglitazonun Etkileri, Post Graduate, G.Gök(Student), 2009
AYDOĞDU N., Sıçanlarda Deneysel Miyoglobülinürik Akut Böbrek Yetmezliğinde Sarımsağın Etkileri, Post Graduate, E.Ezgi(Student), 2008

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The Effects of Irisin on N omega-Nitro-L-arginine Methyl Ester Hydrochloride-Induced Hypertension in Rats**
Aydogdu N., Yavuz O. Y. , Tastekin E., Tayfur P., Kaya O., Kandemir N.
BALKAN MEDICAL JOURNAL, vol.36, pp.337-346, 2019 (Journal Indexed in SCI)
- II. **Indomethacin-induced gastric damage in rats and the protective effect of donkey milk**
Tastekin E., Ayvaz S., Usta U., Aydogdu N., Cancilar E., Puyan F. O.
ARCHIVES OF MEDICAL SCIENCE, vol.14, pp.671-678, 2018 (Journal Indexed in SCI)
- III. **The Effects of Baicalin on Myoglobinuric Acute Renal Failure in Rats**
Yavuz O. Y. , Aydogdu N., Tastekin E., Sut N.
BALKAN MEDICAL JOURNAL, vol.35, pp.68-76, 2018 (Journal Indexed in SCI)
- IV. **Histopathological and biochemical comparisons of the protective effects of amifostine and L-carnitine against radiation-induced acute testicular toxicity in rats**
Aktöz T., Caloglu M., Yurut-Caloglu V., Yalcin O., Aydogdu N., Nurlu D., Arda E., Inci O.
ANDROLOGIA, vol.49, 2017 (Journal Indexed in SCI)
- V. **The effect of high protein diet and exercise on irisin, eNOS, and iNOS expressions in kidney**
Tastekin E., Palabiyik O., Ulucam E., Uzgur S., Karaca A., Vardar S. A. , Yilmaz A., Aydogdu N.
RENAL FAILURE, vol.38, pp.1107-1114, 2016 (Journal Indexed in SCI)
- VI. **Asymmetric dimethylarginine in experimental breast cancer; action of Vitamin C and E**
Erbas H., Turksever A., Aydogdu N., Cakir E.
JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION, vol.65, pp.829-833, 2015 (Journal Indexed in SCI)
- VII. **Protective effect of sildenafil on liver injury induced by intestinal ischemia/reperfusion**
Inan M., Uz Y. H. , Kizilay G., Topcu-Tarladacalisir Y., Sapmaz-Metin M., Akpolat M., Aydogdu N.
JOURNAL OF PEDIATRIC SURGERY, vol.48, pp.1707-1715, 2013 (Journal Indexed in SCI)
- VIII. **Effects of caffeic acid phenethyl ester (CAPE) on membrane potential and intracellular calcium in human endothelial cells**
BURGAZLI M. K. , Aydogdu N., RAFIQ A., MERICLILER M., CHASAN R., ERDOGAN A.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.17, pp.720-728, 2013 (Journal Indexed in SCI)
- IX. **Effects of Losartan on Glycerol-induced Myoglobinuric Acute Renal Failure in Rats**
Kaya O., Aydogdu N., Tastekin E., Karadag C. H. , Gunduz O., Sut N.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.19, pp.253-258, 2013 (Journal Indexed in SCI)
- X. **Protective Effect of Flaxseed Oil on Renal Injury in Hyperlipidaemic Rats: The Effect of Flaxseed Oil on Hyperlipidaemia**
Akpolat M., Kanter M., Topcu-Tarladacalisir Y., Aydogdu N.
PHYTOTHERAPY RESEARCH, vol.25, pp.796-802, 2011 (Journal Indexed in SCI)
- XI. **The alteration of asymmetric dimethylarginine (ADMA) levels in cardiac and gastrocnemius muscles following radioactive iodine application in guinea pigs and the effect of L-carnitine on this alteration**
Vardar S. A. , Gunduz O., Altun G. D. , Aydogdu N., Karadag H., Torun N., Kaya O.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.87, pp.2-7, 2011 (Journal Indexed in SCI)
- XII. **Capecitabine-related intracranial hypotension syndrome mimicking dural metastasis in a breast cancer patient: Case report and review of the literature**
Cosar-Alas R., ALAS A., Ozen A., Denizli B., Saynak M., Uzunoglu S., Aydogdu N., Karagol H., Uzal C., Kocak Z.
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.6, pp.557-559, 2010 (Journal Indexed in SCI)
- XIII. **Trace Elements in a Rat Model of Cadmium Toxicity: the Effects of Taurine, Melatonin and N-Acetylcysteine**
Gulyasar T., Aydogdu N., Cakina S., Sipahi T., Kaymak K., Sener S.
TRAKYA UNIVERSITESI TIP FAKULTESI DERGISI, vol.27, pp.23-27, 2010 (Journal Indexed in SCI)
- XIV. **Tissue damage in rat ovaries subjected to torsion and detorsion: effects of L-carnitine and N-acetyl cysteine**
Usta U., Inan M., Erbas H., Aydogdu N., Puyan F. O. , Altaner S.
PEDIATRIC SURGERY INTERNATIONAL, vol.24, pp.567-573, 2008 (Journal Indexed in SCI)

- XV. **Influence of N-acetylcysteine on renal toxicity of cadmium in rats**
Kaplan M, Atakan I. H. , Aydogdu N, Aktoz T, Ozpuyan F., Seren G., Tokuc B., Inci O.
PEDIATRIC NEPHROLOGY, vol.23, pp.233-241, 2008 (Journal Indexed in SCI)
- XVI. **Antiinflammatory and antioxidant activities of Trifolium resupinatum var. microcephalum extracts**
Sabudak T, Dokmeci D., Ozyigit F, Isik E., Aydogdu N.
ASIAN JOURNAL OF CHEMISTRY, vol.20, pp.1491-1496, 2008 (Journal Indexed in SCI)
- XVII. **Effect of curcumin on ipsilateral and contralateral testes after unilateral testicular torsion in a rat model**
Basaran U. N. , Dokmeci D., Yalcin O., Inan M., Kanter M., Aydogdu N., Turan N.
UROLOGIA INTERNATIONALIS, vol.80, pp.201-207, 2008 (Journal Indexed in SCI)
- XVIII. **Methylene blue increases contralateral testicular ischaemia-reperfusion injury after unilateral testicular torsion**
INAN M., BASARAN U. N. , DOKMECI D., YALCIN O., Aydogdu N., TURAN N.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.35, pp.50-54, 2008 (Journal Indexed in SCI)
- XIX. **Protective effect of L-carnitine on testicular ischaemia-reperfusion injury in rats**
DOKMECI D., INAN M., BASARAN U. N. , YALCIN O., Aydogdu N., TURAN F. N. , UZ Y. H.
CELL BIOCHEMISTRY AND FUNCTION, vol.25, pp.611-618, 2007 (Journal Indexed in SCI)
- XX. **Protective role of carnitine in breast cancer via decreasing arginase activity and increasing nitric oxide**
ERBAS H., Aydogdu N., USTA U., ERTEN O.
CELL BIOLOGY INTERNATIONAL, vol.31, pp.1414-1419, 2007 (Journal Indexed in SCI)
- XXI. **Protective effects of L-carnitine and alpha-lipoic acid in rats with adjuvant arthritis**
TASTEKIN N., Aydogdu N., DOKMECI D., USTA U., BIRTANE M., ERBAS H., TURE M.
PHARMACOLOGICAL RESEARCH, vol.56, pp.303-310, 2007 (Journal Indexed in SCI)
- XXII. **Protective effects of ibuprofen on testicular torsion/detorsion-induced ischemia/reperfusion injury in rats**
DOKMECI D., KANTER M., INAN M., Aydogdu N., BASARAN U. N. , YALCIN O., TURAN F. N.
ARCHIVES OF TOXICOLOGY, vol.81, pp.655-663, 2007 (Journal Indexed in SCI)
- XXIII. **Gastric tissue oxidative changes in portal hypertension and cirrhosis**
Seckin Y., HARPUTLUOGLU M. M. M. , Batcioglu K., Karıncaoglu M., YILDIRIM B., ONER R. I. , Uyumlu B., AYDOGDU N., HILMIOGLU F.
DIGESTIVE DISEASES AND SCIENCES, vol.52, pp.1154-1158, 2007 (Journal Indexed in SCI)
- XXIV. **Rosiglitazone, an agonist of peroxisome proliferator-activated receptor-gamma, prevents contralateral testicular ischaemia-reperfusion injury in prepubertal rats**
INAN M., BASARAN U., DOKMECI D., KANTER M., YALCIN O., Aydogdu N., TURAN N.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.34, pp.457-461, 2007 (Journal Indexed in SCI)
- XXV. **The antioxidant effects of taurine, melatonin and N-acetylcysteine in cadmium-induced lung injury**
Aydogdu N., ERBAS H., Kaymak K.
TRAKYA UNIVERSITESI TIP FAKULTESI DERGISI, vol.24, pp.43-48, 2007 (Journal Indexed in SCI)
- XXVI. **The protective effects of melatonin and vitamin E against renal ischemia-reperfusion injury in rats**
AKTOZ T., Aydogdu N., ALAGOL B., YALCIN O., HUSEYINOVA G., ATAKAN I. H.
RENAL FAILURE, vol.29, pp.535-542, 2007 (Journal Indexed in SCI)
- XXVII. **Antioxidants vitamin E and C attenuate hepatic fibrosis in biliary-obstructed rats**
SOYLU A. R. , Aydogdu N., BASARAN U. N. , ALTANER S., TARCIN O., GEDIK N., UMIT H., TEZEL A., DOKMECI G., BALOGLU H., et al.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.12, pp.6835-6841, 2006 (Journal Indexed in SCI)
- XXVIII. **Effects of vitamins E and C supplementation on hepatic glutathione peroxidase activity and tissue injury associated with ethanol ingestion in malnourished rats**
SOYLU A., ALTANER S., Aydogdu N., BASARAN U., TARCIN O., GEDIK N., UMIT H., TEZEL A., TURE M., KUTLU K., et al.

CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.67, pp.118-137, 2006 (Journal Indexed in SCI)

- XXIX. **Lipid peroxidation and antioxidant status in stomach cancer**
BATCIOGLU K., MEHMET N., OZTURK I., YILMAZ M., AYDOĞDU N., ERGUVAN R., Uyumlu B., GENÇ M., KARAGOZLER A.
CANCER INVESTIGATION, vol.24, pp.18-21, 2006 (Journal Indexed in SCI)
- XXX. **Protective effects of L-carnitine on myoglobinuric acute renal failure in rats**
Aydogdu N., ATMACA G., YALCIN O., TASKIRAN R., TASTEKIN E., KAYMAK K.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.33, pp.119-124, 2006 (Journal Indexed in SCI)
- XXXI. **The protective effect of L-carnitine on ionizing radiation-induced free oxygen radicals**
DOKMECI D., AKPOLAT M., Aydogdu N., UZAL C., DOGANAY L., TURAN F. N.
SCANDINAVIAN JOURNAL OF LABORATORY ANIMAL SCIENCE, vol.33, pp.75-83, 2006 (Journal Indexed in SCI)
- XXXII. **Melatonin reduces nitric oxide via increasing arginase in rhabdomyolysis-induced acute renal failure in rats**
Aydogdu N., ERBAS H., ATMACA G., ERTEN O., KAYMAK K.
RENAL FAILURE, vol.28, pp.435-440, 2006 (Journal Indexed in SCI)
- XXXIII. **L-carnitine inhibits ethanol-induced gastric mucosal injury in rats**
DOKMECI D., AKPOLAT M., Aydogdu N., DOGANAY L., TURAN F.
PHARMACOLOGICAL REPORTS, vol.57, pp.481-488, 2005 (Journal Indexed in SCI)
- XXXIV. **Effects of N-acetylcysteine on arginase, ornithine and nitric oxide in renal ischemia-reperfusion injury**
ERBAS H., Aydogdu N., KAYMAK K.
PHARMACOLOGICAL RESEARCH, vol.50, pp.523-527, 2004 (Journal Indexed in SCI)
- XXXV. **Effects of caffeic acid phenethyl ester on glycerol-induced acute renal failure in rats**
Aydogdu N., ATMACA G., YALCIN O., BATCIOGLU K., KAYMAK K.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.31, pp.575-579, 2004 (Journal Indexed in SCI)
- XXXVI. **Effects of exogenous melatonin on myoglobinuric acute renal failure in the rats**
Aydogdu N., ATMACA G., YALCIN O., BATCIOGLU K., KAYMAK K.
RENAL FAILURE, vol.26, pp.479-486, 2004 (Journal Indexed in SCI)
- XXXVII. **Comparison of chemopreventive effects of Vitamin E plus selenium versus melatonin in 7,12-dimethylbenz(a) anthracene-induced mouse brain damage**
BATCIOGLU K., KARAGOZLER A., OZTURK I., GENÇ M., BAY A., OZTURK F., Aydogdu N.
CANCER DETECTION AND PREVENTION, vol.29, pp.54-58, 2004 (Journal Indexed in SCI)
- XXXVIII. **The bronchoalveolar epithelial permeability in house painters as determined by Tc-99m DTPA aerosol scintigraphy**
KAYA M., SALAN A., TABAKOGLU E., Aydogdu N., BERKARDA S.
ANNALS OF NUCLEAR MEDICINE, vol.17, pp.305-308, 2003 (Journal Indexed in SCI)

Supported Projects

AYDOĞDU N., TUBITAK Project, Spirulina platensis'den Elde Edilen Biyopeptidlerin Enkapsülasyonu ve Gıda Uygulamaları, 2018 - Continues

AYDOĞDU N., TUBITAK Project, Domates Atıklarındaki Biyoaktif Bileşenlerin Biyoyararlılıklarının Arttırılması ve Farklı Ürün Uygulamaları, 2018 - Continues

AYDOĞDU N., TUBITAK Project, Deneysel Miyoglobinürik Akut Böbrek Hasarının Fizyopatolojisinde Nitrik Oksit Sentaz uncouplingin rolü: Böbrek Fonksiyonları ve Hasarı üzerine Tetrahidrobiopterin ve L-argininin etkilerinin incelenmesi, 2015 - 2018

AYDOĞDU N., TUBITAK Project, In Vitro ve In Vivo Modeller İle Siyah Havuç Polifenollerinin Biyoyararlılığının ve

Biyoaktivitesinin İncelenmesi, 2015 - 2017

AYDOĞDU N., TUBITAK Project, Deneysel Miyoglobürik Akut Böbrek Hasarında Relaksinin Etkileri, 2015 - 2016

AYDOĞDU N., TUBITAK Project, Deneysel Miyoglobürik Akut Böbrek Yetmezliğinde Arginaz Enzim İnhibitörü N?-Hydroxy-nor-L-Arginine (nor-NOHA)'nın Etkileri, 2010 - 2012

Citations

Total Citations (WOS):596

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