

# Prof. YILMAZ ÇİĞREMİŞ

## Personal Information

**Mobile Phone:** [+90 506 734 4870](tel:+905067344870)

**Office Phone:** [+90 341 066 0](tel:+903410660) Extension: 1250

**Fax Phone:** [+90 341 003 62](tel:+9034100362)

**Email:** [yilmaz.cigremis@inonu.edu.tr](mailto:yilmaz.cigremis@inonu.edu.tr)

**Other Email:** [yilmazcigremis@gmail.com](mailto:yilmazcigremis@gmail.com)

**Web:** <https://avesis.inonu.edu.tr/yilmaz.cigremis>

## International Researcher IDs

ORCID: 0000-0002-8600-0946

Publons / Web Of Science ResearcherID: JAC-8451-2023

ScopusID: 6506393120

Yoksis Researcher ID: 18925

## Education Information

Doctorate, Inonu University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 1998 - 2003

Postgraduate, Inonu University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 1995 - 1998

Undergraduate, Inonu University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 1990 - 1994

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Medicine, Medical Biology, Life Sciences, Biochemistry, Biochemical Toxicology, Molecular Biology and Genetics, Animal Molecular Genetics, Health Sciences, Fundamental Medical Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2015 - Continues

Associate Professor, Inonu University, Tıp Fakültesi, Tıbbi Biyoloji Ve Genetik A.D, 2010 - 2015

Assistant Professor, Inonu University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2009 - 2010

Assistant Professor, Kafkas University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2004 - 2009

Research Assistant PhD, Kafkas University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 2003 - 2004

Research Assistant, Inonu University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 1995 - 2003

Research Assistant, Kafkas University, Fen Edebiyat Fakültesi, Biyoloji Bölümü, 1995 - 1995

## Academic and Administrative Experience

Dean, Inonu University, Eczacılık Fakültesi, 2016 - 2018

University Executive Board Member, Inonu University, 2016 - 2018

Kafkas University, Biyoloji, Biyoloji, 2006 - 2009

## Courses

Populasyon genetiği, Undergraduate Minor, 2019-2020  
Moleküler Biyoloji, Undergraduate Minor, 2019-2020  
Hücre, Undergraduate Minor, 2019-2020  
Tek Gen Hastalıkları ve Mendel Kalıtımı, Undergraduate Minor, 2019-2020  
Tıbbi Genetik I, Undergraduate Double Major, 2019-2020  
Hücre, Undergraduate Minor, 2018-2019  
Moleküler Biyoloji, Undergraduate Minor, 2018-2019  
Populasyon Genetiği, Undergraduate Minor, 2018-2019  
Populasyon Genetiği, Undergraduate Minor, 2017-2018  
Hücre, Undergraduate Minor, 2017-2018  
Populasyon Genetiği, Undergraduate Minor, 2017-2018  
Moleküler Biyoloji, Undergraduate Minor, 2017-2018  
Moleküler Biyoloji, Undergraduate Minor, 2016-2017  
Hücre, Undergraduate Minor, 2016-2017  
Populasyon Genetiği, Undergraduate Minor, 2016-2017  
Tıbbi Genetik I, Undergraduate Double Major, 2015-2016  
Tıbbi Biyoloji ve Genetik, Undergraduate, 2014-2015  
Moleküler Biyoloji, Undergraduate Minor, 2013-2014  
Tıbbi Genetik I, Undergraduate Double Major, 2013-2014  
Mutasyonlar ve Mutajenler, Undergraduate Minor, 2013-2014  
Tıbbi Genetik II, Undergraduate Double Major, 2013-2014  
Tıbbi Genetik I, Undergraduate Double Major, 2012-2013  
Tıbbi biyoloji ve genetik, Undergraduate, 2012-2013  
Tıbbi Genetik II, Undergraduate Double Major, 2012-2013  
Tıbbi Genetik I, Undergraduate Double Major, 2011-2012  
Mutasyonlar ve Mutajenler, Undergraduate Minor, 2011-2012  
Tıbbi Biyoloji ve genetik, Undergraduate, 2011-2012  
Moleküler Biyoloji, Undergraduate Minor, 2011-2012  
Tıbbi Genetik II, Undergraduate Double Major, 2011-2012  
Tıbbi Genetik II, Undergraduate Double Major, 2010-2011  
Tıbbi Genetik I, Undergraduate Double Major, 2010-2011  
Tıbbi Biyoloji ve genetik, Undergraduate, 2010-2011  
Tıbbi Biyoloji ve Genetik, Undergraduate, 2009-2010

## Advising Theses

Çiğremiş Y., Beyin nöroinflamasyon modelinde resveratrolün oksidatif ve histopatolojik değişiklikler ile SIRT1 geni ifadesi üzerine etkileri, Postgraduate, S.TUNÇ(Student), 2019  
Çiğremiş Y., İntraserebroventriküler streptozotosin uygulamasıyla oluşturulan deneysel alzheimer sıçan modelinde kurkumin'in beyin trpm2 kanal protein geni ifadesine etkisi, Postgraduate, M.DURHAN(Student), 2017  
Çiğremiş Y., Streptozotosin ile diabet oluşturulan rat karaciğer dokusunda antioksidan enzimlerin gen ifadeleri, Postgraduate, N.TEMEL(Student), 2014  
Çiğremiş Y., İn vivo akut nefrotoksistide böbrek vasküler endotelial büyüme faktör (VEGF) geni ifadesi ve kafeik asit fenetil ester (CAPE)'nin etkisi, Postgraduate, Z.METE(Student), 2014

Çiğremiş Y., Ratlarda kronik böbrek yetmezliği modelinde kaveolin gen ekspresyonu, Postgraduate, B.ÖZYAZGAN(Student), 2013

Çiğremiş Y., Streptozotosin ile deneysel diyabet oluşturulan sıçan karaciğer dokusunda Vasküler endotelial büyüme faktör (VEGF) geninin ifadesi, Postgraduate, S.ÇELİK(Student), 2012

ÇİĞREMİŞ Y., Tavşanlarda ovaryum torsiyon/detorsiyon modelinde kafeik asit fenetil ester'in (CAPE) koruyucu rolünün araştırılması, Postgraduate, O.DOĞAN(Student), 2009

ÇİĞREMİŞ Y., Akut parasetamol uygulamasının tavşan karaciğer dokusu üzerine etkileri, Postgraduate, K.ADIGÜZEL(Student), 2008

ÇİĞREMİŞ Y., Marrubium cordatum'un antioksidan kapasitesinin araştırılması, Postgraduate, D.ERDAĞ(Student), 2007

ÇİĞREMİŞ Y., Farelerde akut bakır toksikasyonunun biyokimyasal ve histopatolojik yönden araştırılması, Postgraduate, S.NİHAN(Student), 2007

## Jury Memberships

Associate Professor Exam, DOÇENTLİK SÖZLÜ SINAV, CERRAHPAŞA TIP FAKÜLTESİ, March, 2017

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Neuroprotective effect of transient receptor potential Vanilloid 1 agonist capsaicin in Alzheimer's disease model induced with okadaic acid**  
ÇAKIR M., YÜKSEL F., ÖZKUT M. M., Durhan M., KAYMAK E., TEKİN S., ÇİĞREMİŞ Y.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.118, 2023 (SCI-Expanded)
- II. **Cucurbitacin I exhibits anticancer efficacy through induction of apoptosis and modulation of JAK/STAT3, MAPK/ERK, and AKT/mTOR signaling pathways in HepG2 cell line**  
ÜREMİŞ N., ÜREMİŞ M. M., ÇİĞREMİŞ Y., TOSUN E., BAYSAR A., TÜRKÖZ Y.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.46, no.10, 2022 (SCI-Expanded)
- III. **Protective effect of short-term thymoquinone administration on the central nervous system in cisplatin-induced neurotoxicity**  
DURAK M. A., Ozhan O., Yildiz A., Durhan M., Vardi N., ÇİĞREMİŞ Y., Parlakpınar H.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.26, no.19, pp.6935-6943, 2022 (SCI-Expanded)
- IV. **Cucurbitacin D Inhibits the Proliferation of HepG2 Cells and Induces Apoptosis by Modulating JAK/STAT3, PI3K/Akt/mTOR and MAPK Signaling Pathways**  
ÜREMİŞ M. M., ÜREMİŞ N., TOSUN E., Durhan M., ÇİĞREMİŞ Y., BAYSAR A., TÜRKÖZ Y.  
CURRENT CANCER DRUG TARGETS, vol.22, no.11, pp.931-944, 2022 (SCI-Expanded)
- V. **Vitamin E effects on developmental disorders in fetuses and cognitive dysfunction in adults following acrylamide treatment during pregnancy.**  
Erdemli Z., ERDEMLİ M. E., TÜRKÖZ Y., Yigitcan B., ALADAĞ M. A., ÇİĞREMİŞ Y., Cirik R. H., ALTINÖZ E., GÖZÜKARA BAĞ H. G.  
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.96, pp.11-19, 2021 (SCI-Expanded)
- VI. **Therapeutic effects of dexpanthenol on the cardiovascular and respiratory systems following cecal ligation and puncture-induced sepsis in rats**  
KÖSE A., PARLAKPINAR H., ÖZHAN O., ERMİŞ N., YILDIZ A., VARDI N., ÇİĞREMİŞ Y.  
BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.6, pp.428-437, 2020 (SCI-Expanded)
- VII. **Acute and Subacute Effects of Low Versus High Doses of Standardized Panax ginseng Extract on the Heart: An Experimental Study**  
PARLAKPINAR H., ÖZHAN O., ERMİŞ N., VARDI N., ÇİĞREMİŞ Y., TANRIVERDİ L. H., ÇOLAK C., ACET A.  
CARDIOVASCULAR TOXICOLOGY, vol.19, no.4, pp.306-320, 2019 (SCI-Expanded)

- VIII. **Effects of intracerebroventricular administration of irisin on the hypothalamus-pituitary-gonadal axis in male rats**  
TEKİN S., BEYTUR A., ERDEN Y., Beytur A., ÇİĞREMİŞ Y., VARDI N., TÜRKÖZ Y., TEKEDERELİ İ., SANDAL S.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.234, no.6, pp.8815-8824, 2019 (SCI-Expanded)
- IX. **Cannabinoid type 2 receptor agonist JWH-133, attenuates Okadaic acid induced spatial memory impairment and neurodegeneration in rats**  
ÇAKIR M., TEKİN S., DOĞANYİĞİT Z., ERDEN Y., Soyturk M., ÇİĞREMİŞ Y., SANDAL S.  
LIFE SCIENCES, vol.217, pp.25-33, 2019 (SCI-Expanded)
- X. **Is there a new pathway relationship between melatonin and FEZ1 in experimental rat model of Alzheimer's disease?**  
Demir M., Yılmaz U., Colak C., Cigremis Y., Ozyalin F., Tekedereli I., Sandal S.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.120, no.1, pp.70-77, 2019 (SCI-Expanded)
- XI. **Effects of Peripheral Irisin Infusion on the Glucose Uptake in High-Fat-Diet-Induced Obese Rats**  
Sandal S., Tekin S., Erden Y., Caglayan A. B., Ozyalin F., Çiğremiş Y., Çolak C.  
ACTA PHYSIOLOGICA, vol.225, pp.64, 2018 (SCI-Expanded)
- XII. **Effect of Cannabinoid Type 2 Receptor Activation in Okadaic Acid Induced Rat Alzheimer's Disease Model**  
ÇAKIR M., DOĞANYİĞİT Z., TEKİN S., ERDEN Y., ÇİĞREMİŞ Y., SANDAL S.  
ACTA PHYSIOLOGICA, vol.225, pp.41, 2018 (SCI-Expanded)
- XIII. **Effect of Intracerebroventricular Administration of Apelin-13 on the Hypothalamus-Pituitary-Thyroid Axis and Peripheral Uncoupling Proteins**  
ERDEN Y., TEKİN S., TEKİN Ç., Ozyalin F., YILMAZ Ü., ÖNALAN E., ÇİĞREMİŞ Y., ÇOLAK C., SANDAL S.  
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.24, no.4, pp.511-517, 2018 (SCI-Expanded)
- XIV. **Effects of central FGF21 infusion on the hypothalamus-pituitary-thyroid axis and energy metabolism in rats**  
YILMAZ Ü., TEKİN S., Demir M., ÇİĞREMİŞ Y., SANDAL S.  
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.68, no.6, pp.781-788, 2018 (SCI-Expanded)
- XV. **The effect of apocynin on motor and cognitive functions in experimental Alzheimer's disease**  
Akyuva Y., Onal C., PARLAKPINAR H., GÜL M., ÇİĞREMİŞ Y., Ates T., KABLAN Y.  
PERIODICUM BIOLOGORUM, vol.120, no.1, pp.23-32, 2018 (SCI-Expanded)
- XVI. **Central irisin administration suppresses thyroid hormone production but increases energy consumption in rats**  
Tekin S., Erden Y., Ozyalin F., Onalan E. E., Çiğremiş Y., Çolak C., Tekedereli İ., Sandal S.  
NEUROSCIENCE LETTERS, vol.674, pp.136-141, 2018 (SCI-Expanded)
- XVII. **EFFECTS OF INTRACEREBROVENTRICULAR FGF21 INFUSION ON THE ENERGY METABOLISM**  
Yılmaz U., Tekin S., Demir M., Cigremis Y., Sandal S.  
ACTA PHYSIOLOGICA, vol.221, pp.138, 2017 (SCI-Expanded)
- XVIII. **THE EFFECT OF MELATONIN ON THE EXPERIMENTALLY PRODUCED ALZHEIMER IN RATS AND RELATIONSHIP WITH FEZ1 GENE EXPRESSION**  
Demir M., Yılmaz U., Sandal S., Colak C., Cigremis Y., Tekedereli I.  
ACTA PHYSIOLOGICA, vol.221, pp.152, 2017 (SCI-Expanded)
- XIX. **ACA, an inhibitor phospholipases A2 and transient receptor potential melastatin-2 channels, attenuates okadaic acid induced neurodegeneration in rats**  
Cakir M., DÜZOVA H., TEKİN S., Taslidere E., Kaya G. B., ÇİĞREMİŞ Y., OZGOCER T., YOLOĞLU S.  
LIFE SCIENCES, vol.176, pp.10-20, 2017 (SCI-Expanded)
- XX. **The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats**  
Tekin S., Erden Y., Ozyalin F., Çiğremiş Y., Çolak C., Sandal S.  
NEUROSCIENCE LETTERS, vol.645, pp.25-32, 2017 (SCI-Expanded)
- XXI. **Effects of Central FGF21 Infusion on TRH and TSH Levels**  
Yılmaz Ü., Tekin S., Demir M., Sandal S., Çiğremiş Y.

- ACTA PHYSIOLOGICA, vol.218, pp.47-48, 2016 (SCI-Expanded)
- XXII. **The Effect of Melatonin on the Alzheimer's Disease: Relationship with FEZ1 Gene Expression**  
Demir M., Yılmaz Ü., Sandal S., Çolak C., Çiğremiş Y.  
ACTA PHYSIOLOGICA, vol.218, pp.21-22, 2016 (SCI-Expanded)
- XXIII. **A Novel Effective Myokine in the Control of Reproduction Behaviour; Irisin**  
TEKİN S., Erden Y., BEYTUR A., ÇİĞREMİŞ Y., SANDAL S., TÜRKÖZ Y., TEKEDERELİ İ., BEYTUR A.  
ACTA PHYSIOLOGICA, vol.218, pp.24, 2016 (SCI-Expanded)
- XXIV. **The effects of crocin (active constituent of saffron) treatment on brain antioxidant enzyme mRNA levels in diabetic rats**  
ALTINÖZ E., Ekici C., Ozyazgan B., ÇİĞREMİŞ Y.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.2, pp.112-117, 2016 (SCI-Expanded)
- XXV. **Prediction of apelin-13 concentration based on the levels of thyroid hormones in rats**  
ERDEN Y., TEKİN S., SANDAL S., ÇİĞREMİŞ Y., ÇOLAK C., OZYALIN F.  
ACTA PHYSIOLOGICA, vol.215, pp.8, 2015 (SCI-Expanded)
- XXVI. **Investigation of the Effects of Irisin Hormone on the Hypothalamic Control of Feeding**  
TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.215, pp.27, 2015 (SCI-Expanded)
- XXVII. **Resveratrol ameliorates cisplatin-induced oxidative injury in New Zealand rabbits**  
ÇİĞREMİŞ Y., Akgoz M., ÖZEN H., Karaman M., KART A., Gecer M., ATALAN G.  
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.93, no.8, pp.727-735, 2015 (SCI-Expanded)
- XXVIII. **Protective effects of saffron (its active constituent, crocin) on nephropathy in streptozotocin-induced diabetic rats**  
Altinoz E., Oner Z., Elbe H., Cigremis Y., Turkoz Y.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.34, no.2, pp.127-134, 2015 (SCI-Expanded)
- XXIX. **Amelioration of subchronic acrylamide toxicity in large intestine of rats by organic dried apricot intake**  
ERDEMLİ M. E., DOĞAN Z., ÇİĞREMİŞ Y., Akgoz M., Altintoz E., Gecer M., TÜRKÖZ Y.  
TURKISH JOURNAL OF BIOLOGY, vol.39, no.6, pp.872-878, 2015 (SCI-Expanded)
- XXX. **Prokineticin 1 and leukemia inhibitory factor mRNA expression in the endometrium of women with idiopathic recurrent pregnancy loss**  
KARAER A., ÇİĞREMİŞ Y., Celik E., Gonullu R. U.  
FERTILITY AND STERILITY, vol.102, no.4, pp.1091-1096, 2014 (SCI-Expanded)
- XXXI. **The effect of apricots on the experimental cataract model formed by sodium selenite**  
Doganay S., Duz C., FIRAT P. G., Cankaya C., Kutukde D., ÇİĞREMİŞ Y.  
FOOD AND CHEMICAL TOXICOLOGY, vol.55, pp.371-377, 2013 (SCI-Expanded)
- XXXII. **Nitric oxide concentrations, estradiol-17 beta progesterone ratio in follicular fluid, and COC quality with respect to perfollicular blood flow in cows**  
Pancarci S. M., Ari U. C., Atakisi O., Gungor O., Cigremis Y., Bollwein H.  
ANIMAL REPRODUCTION SCIENCE, vol.130, pp.9-15, 2012 (SCI-Expanded)
- XXXIII. **In vitro antimicrobial and antioxidant activity of acetone and methanol extracts from Thymus leucotrichius (Lamiaceae)**  
Ulukanli Z., ÇİĞREMİŞ Y., Ilcim A.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.15, no.6, pp.649-657, 2011 (SCI-Expanded)
- XXXIV. **Changes in follicular blood flow and nitric oxide levels in follicular fluid during follicular deviation in cows**  
Pancarci S. M., Gungor O., Atakisi O., Cigremis Y., Ari U. C., Bollwein H.  
ANIMAL REPRODUCTION SCIENCE, vol.123, pp.149-156, 2011 (SCI-Expanded)
- XXXV. **In vitro antioxidant and antimicrobial assays of acetone extracts from Nepeta meyeri Benth**  
ÇİĞREMİŞ Y., Ulukanli Z., Ilcim A., Akgoz M.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.14, no.8, pp.661-668, 2010 (SCI-

Expanded)

- XXXVI. **Attenuation of ischemia-reperfusion injury with Marrubium cordatum treatment in ovarian torsion-detorsion model in rabbits**  
Cigremis Y., Kart A., Karaman M., Erdag D.  
FERTILITY AND STERILITY, vol.93, no.5, pp.1455-1463, 2010 (SCI-Expanded)
- XXXVII. **Caffeic acid phenethyl ester (CAPE) ameliorates cisplatin-induced hepatotoxicity in rabbit**  
Kart A., Cigremis Y., Karaman M., Ozen H.  
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.62, no.1, pp.45-52, 2010 (SCI-Expanded)
- XXXVIII. **Pathological, biochemical and haematological investigations on the protective effect of alpha-lipoic acid in experimental aflatoxin toxicosis in chicks**  
Karaman M., Ozen H., Tuzcu M., Cigremis Y., Onder F., Ozcan K.  
BRITISH POULTRY SCIENCE, vol.51, no.1, pp.132-141, 2010 (SCI-Expanded)
- XXXIX. **Caffeic acid phenethyl ester prevents ovary ischemia/reperfusion injury in rabbits**  
Kart A., Cigremis Y., Ozen H., Dogan O.  
FOOD AND CHEMICAL TOXICOLOGY, vol.47, no.8, pp.1980-1984, 2009 (SCI-Expanded)
- XL. **Effectiveness of melatonin on aflatoxicosis in chicks**  
Ozen H., Karaman M., Cigremis Y., Tuzcu M., Ozcan K., Erdag D.  
RESEARCH IN VETERINARY SCIENCE, vol.86, no.3, pp.485-489, 2009 (SCI-Expanded)
- XLI. **The effects of acute acetaminophen toxicity on hepatic mRNA expression of SOD, CAT, GSH-Px, and levels of peroxynitrite, nitric oxide, reduced glutathione, and malondialdehyde in rabbit**  
Cigremis Y., Turel H., Adiguzel K., Akgoz M., Kart A., Karaman M., Ozen H.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.323, pp.31-38, 2009 (SCI-Expanded)
- XLII. **A Comparative Study on the Effects of Eprinomectin and Ivermectin on Plasma Antioxidant Level and Lipid Peroxidation in Cows**  
Bilgili A., Kart A., Cigremis Y., Hanedan B., Erdag D.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, no.2, pp.287-292, 2009 (SCI-Expanded)
- XLIII. **Investigating the protective effect of melatonin on liver injury related to myocardial ischemia-reperfusion**  
Colak C., Parlakpinar H., OZER M. K., SAHNA E., Cigremis Y., ACET A.  
MEDICAL SCIENCE MONITOR, vol.13, no.11, 2007 (SCI-Expanded)
- XLIV. **The effects of chronic exposure to ethanol and cigarette smoke on the formation of peroxynitrite, level of nitric oxide, xanthine oxidase and myeloperoxidase activities in rat kidney**  
ÇİĞREMİŞ Y., Turkoz Y., Tuzcu M., Ozen H., Kart A., Gaffaroglu M., Erdogan K., Akgoz M., Ozugurlu F.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.291, pp.127-138, 2006 (SCI-Expanded)
- XLV. **Renal damage in rats induced by myocardial ischemia/reperfusion: Role of nitric oxide**  
Parlakpinar H., OZER M. K., CICEK E., Cigremis Y., Vardi N., Acet A.  
INTERNATIONAL JOURNAL OF UROLOGY, vol.13, no.10, pp.1327-1332, 2006 (SCI-Expanded)
- XLVI. **Beneficial role of aminoguanidine on acute cardiomyopathy related to doxorubicin-treatment**  
Cigremis Y., Parlakpinar H., Polat A., Colak C., Ozturk F., Sahna E., Ermis N., Acet A.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.285, pp.149-154, 2006 (SCI-Expanded)
- XLVII. **The effect of resveratrol in experimental cataract model formed by sodium selenite**  
Doganay S., Borazan M., Iraz M., ÇİĞREMİŞ Y.  
CURRENT EYE RESEARCH, vol.31, no.2, pp.147-153, 2006 (SCI-Expanded)
- XLVIII. **Caffeic acid phenethyl ester (CAPE) attenuates cerebral vasospasm after experimental subarachnoidal haemorrhage by increasing brain nitric oxide levels**  
ALADAG M., TURKOZ Y., OZCAN C., SAHNA E., Parlakpinar H., AKPOLAT N., CIGREMIS Y.  
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.24, no.1, pp.9-14, 2006 (SCI-Expanded)
- XLIX. **Myocardial ischemia/reperfusion-induced oxidative renal damage in rats: Protection by caffeic acid phenethyl ester (cape)**  
OZER M., Parlakpinar H., Vardi N., CIGREMIS Y., UCAR M., Acet A.  
SHOCK, vol.24, no.1, pp.97-100, 2005 (SCI-Expanded)

- L. **Ischemia-reperfusion leads to depletion of glutathione content and augmentation of malondialdehyde production in the rat heart from overproduction of oxidants: Can caffeic acid phenethyl ester (CAPE) protect the heart?**  
OZER M., Parlakpınar H., CİGREMİS Y., UCAR M., Vardi N., Acet A.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.273, pp.169-175, 2005 (SCI-Expanded)
- LI. **The protective effect of caffeic acid phenethyl ester on ischemia-reperfusion injury in rat ovary**  
Celik O., Turkoz Y., Hascalik S., Hascalik M., ÇİĞREMİŞ Y., Mizrak B., Yologlu S.  
EUROPEAN JOURNAL OF OBSTETRICS & GYNECOLOGY AND REPRODUCTIVE BIOLOGY, vol.117, no.2, pp.183-188, 2004 (SCI-Expanded)
- LII. **Melatonin reduces torsion-detorsion injury in rat ovary: biochemical and histopathologic evaluation**  
Turkoz Y., Celik O., Hascalik S., ÇİĞREMİŞ Y., Hascalik M., Mizrak B., Yologlu S.  
JOURNAL OF PINEAL RESEARCH, vol.37, no.2, pp.137-141, 2004 (SCI-Expanded)
- LIII. **The effects of chronic exposure to ethanol and cigarette smoke on the level of reduced glutathione and malondialdehyde in rat kidney**  
ÇİĞREMİŞ Y., Turkoz Y., Akgoz M., Sozmen M.  
UROLOGICAL RESEARCH, vol.32, no.3, pp.213-218, 2004 (SCI-Expanded)
- LIV. **Use of caffeic acid phenethyl ester and cortisone may prevent proliferative vitreoretinopathy**  
TURKOZ Y., ER H., BORAZAN M., YILMAZ H., MIZRAK B., Parlakpınar H., CİGREMİS Y.  
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## Supported Projects

ÇİĞREMİŞ Y., KORKMAZ M. F., Project Supported by Higher Education Institutions, Deneysel Spinal Kord Hasarının Geç Döneminde Melatonin ve MelatoninDexpanthenol Kombine Tedavisinin Biyokimyasal Moleküler Genetik ve Histopatolojik Değişkenlere Etkisi, 2021 - 2022

ÇİĞREMİŞ Y., ÖZYAZGAN B., Project Supported by Higher Education Institutions, Doksorubisin Kardiyotoksitesinde p38 MAP Kinaz İnhibitörünün Moleküler Genetik ve Biyokimyasal Parametrelere Etkisi, 2019 - 2021

KARLIDAĞ R., GÖNENİR ERBAY L., CELBİŞ O., ÇİĞREMİŞ Y., Project Supported by Higher Education Institutions, Depresyon zemininde gelişen intihar olgularında beyin dokusunda BDNFNGF TrkA TrkB VGLUT1 VE GLUA1 gen ürünlerinin genetik açıdan incelenmesi, 2018 - 2021

TÜRKÖZ Y., TOSUN E., ÇİĞREMİŞ Y., BAYSAR A., ÜREMİŞ N., ÜREMİŞ M. M., Project Supported by Higher Education Institutions, Kukurbitasin D ve Kukurbitasin I'nın Hepatokarsinom Hücre Hattında JAK2/STAT3, MAPK ve PI3K/Akt/mTOR Sinyal Yolakları Aracılı Antikanserojen ve Apoptotik Etkilerinin İncelenmesi, 2018 - 2021

KARAER A., TUNCA Y., ÇİĞREMİŞ Y., BALOĞLU D., TECELLİOĞLU A. N., Project Supported by Higher Education Institutions, Endometriomalı hastaların matür metafaz II oositlerinin kümülüs hücrelerine ait bazı genlerin ekspresyonunun analizi, 2018 - 2020

ÇİĞREMİŞ Y., TUNÇ S., Project Supported by Higher Education Institutions, Beyin Nöroinflamasyon Modelinde Resveratrolün Oksidatif ve Histopatolojik Değişiklikler ile SIRT1 Geni İfadesi Üzerine Etkileri, 2018 - 2019

ÇİĞREMİŞ Y., DURHAN M., Project Supported by Higher Education Institutions, TIP FAKÜLTESİ BİYOTEKNOLOJİ ARAŞTIRMA VE UYGULAMA BİRİMİNİN ALTYAPISININ GÜÇLENDİRİLMESİ, 2016 - 2019

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Sandal S., Çolak C., Çiğremiş Y., TÜBİTAK Project, Siçanlarda Deneysel Olarak Oluşturulan Alzheimer Patogenezi Üzerine FEZ1 Gen İfadesi ve Pinealektominin Rolünün Araştırılması, 2015 - 2017

ÇİĞREMİŞ Y., TÜBİTAK Project, Yüksek Kalorili Diyete Bağlı Obezite Oluşumu Üzerine Neonatal Bakteriyel Enfeksiyonların Etkisi TÜBİTAK 111S440, 2012 - 2016

ÇİĞREMİŞ Y., TÜBİTAK Project, Yılmaz Çiğremiş Hasan Özen Evren Köse Siklosporin A İndüklü Kronik Böbrek Yetmezliği Modelinde P42 44 Map Kinaz Sinyal Yolu İnhibisyonu Ve Cape Uygulamasının Kaveolin 1 Üzerinden Böbrek Yetmezliği Tedavisinde Etkisi TÜBİTAK SBAG 113S915, 2013 - 2015

## Activities in Scientific Journals

Journal of Nephrology Research, Committee Member, 2015 - Continues

## Metrics

Publication: 143

Citation (WoS): 1353

Citation (Scopus): 1453

H-Index (WoS): 23

H-Index (Scopus): 23

## **Non Academic Experience**

Washington University School of Medicine, Saint Louis, MO/USA