

Prof. ÜLKER CANKURT

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), Turkey 1998 - 2002

Undergraduate, Erciyes University, Tıp Fakültesi, Tıp Pr., Turkey 1986 - 1993

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Normal ve burnu tıkalı sıçanlarda gelişmekte olan Bulbus Olfactoryus'xxta pCREB protein immunoreaktivitesi, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), 2002

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - Continues

Academic and Administrative Experience

Head of Department, Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues

Advising Theses

Cankurt Ü., Omega3 Yağ Asitlerinin Doksorubisin İle İndüklenen Kardiyotoksisite Üzerine Etkisi, Expertise In Medicine, G.ERKUL(Student), 2022

Cankurt Ü., Cilaker Mıçlı S., Investigation of inflammasome activation in neonatal brain born to HIGH-FAT dieted dams,

Expertise In Medicine, F.SILA(Student), 2022

CANKURT Ü., The histologic observation of the effect of curcumin on the experimentally generated rat uterine leiomyoma model, Postgraduate, A.KİRAZ(Student), 2016

CANKURT Ü., Applying EIS (Electrochemical impedance spectroscopy) to determine the most appropriate oocyte fertilization time for ICSI (Intra cytoplasmic sperm injection) in rats, Doctorate, M.ASHRAFİ(Student), 2013

CANKURT Ü., Effects of n-acetylcysteine against formaldehyde induced morphological changes in rat testes, Postgraduate, N.KUVVETLİOĞLU(Student), 2012

CANKURT Ü., Investigation possible effects of traumatic brain injury on testicles in rats, Postgraduate, N.ŞEREF(Student), 2012

CANKURT Ü., Evaluation of apoptosis in human granulosa cells, Postgraduate, M.KOVALI(Student), 2009

Jury Memberships

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, December, 2022

Expertise In Medicine, Expertise In Medicine, Dokuz Eylül Üniversitesi, November, 2022

Expertise In Medicine, Expertise In Medicine, Dokuz Eylül Üniversitesi, October, 2022

Associate Professor Exam, Associate Professor Exam, Dokuz Eylül Üniversitesi, March, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Novel multilayer meniscal scaffold provides biomechanical and histological results comparable to polyurethane scaffolds: An 8 week rabbit study**
DEMİRKIRAN N. D., HAVİTÇIOĞLU H., ZİYLAN A., CANKURT Ü., Husemoglu B.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.53, no.2, pp.120-128, 2019 (SCI-Expanded)
- II. **Evaluation of human pineal gland acetylserotonin O-methyltransferase immunoreactivity in suicide: A preliminary study**
Dereci A. K., Demirci G. N., Dodurga Y., Özbal S., Cankurt Ü., Boz B., Adıgüzel E., Acar K.
MEDICINE SCIENCE AND THE LAW, vol.58, no.4, pp.233-238, 2018 (SCI-Expanded)
- III. **Anti-inflammatory and Anti-apoptotic Effect of Valproic Acid and Doxycycline Independent from MMP Inhibition in Early Radiation Damage**
Hoşgörler F. U., Keles D., Tanriverdi-Akhisaroglu S., Inanc S., Akhisaroglu M., Cankurt Ü., Aydogdu Z., Ucar A. D., Çetinayak H. O., Oktay G., et al.
BALKAN MEDICAL JOURNAL, vol.33, no.5, pp.488-495, 2016 (SCI-Expanded)
- IV. **Erythropoietin diminishes isoflurane-induced apoptosis in rat frontal cortex.**
Öçmen E., Derbent A., Micilli S., Sönmez Ü., Aksu İ., Dayı A., Yılmaz O., Gokmen N.
Paediatric anaesthesia, vol.26, no.4, pp.444-51, 2016 (SCI-Expanded)
- V. **The effects of α -lipoic acid on immature rats with traumatic brain injury.**
Özbal S., Cankurt Ü., Tuğyan K., Pekçetin Ç., Şişman A., Gunduz K., Micili S.
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.90, no.3, pp.206-15, 2015 (SCI-Expanded)
- VI. **Grape seed extract has superior beneficial effects than vitamin E on oxidative stress and apoptosis in the hippocampus of streptozotocin induced diabetic rats**
Yonguc G. N., Dodurga Y., Adıgüzel E., Gundogdu G., Küçükataş V., Özbal S., Yılmaz I., Cankurt Ü., Yılmaz Y., Akdoğan I.
GENE, vol.555, no.2, pp.119-126, 2015 (SCI-Expanded)
- VII. **Effects of grape seed extract and vitamin E on oxidative stress and apoptosis in the hippocampus of rats with streptozotocin-induced diabetes**
Yonguç N., Dodurga Y., Adıgüzel E., Gündoğdu G., Küçükataş V., Özbal S., Yılmaz I., Cankurt Ü., Yılmaz Y., Akdoğan I.
EUROPEAN NEUROPSYCHOPHARMACOLOGY, vol.24, pp.240-241, 2014 (SCI-Expanded)

- VIII. **Acute systemic infusion of bupropion decrease formalin induced pain behavior in rat**
Naderi S., Pakdel F. G., Osalou M. A., CANKURT Ü.
Korean Journal of Pain, vol.27, no.2, pp.118-124, 2014 (SCI-Expanded)
- IX. **Immobilization Stress in Pregnancy and the Maternal Brain's Response: an Experimental Study**
ERBİL G., Semerci N., CILAKER MIÇILI S., ÖZBAL S., Sacik U., CANKURT Ü., PEKÇETİN Ç.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.31, no.3, pp.544-556, 2014 (SCI-Expanded)
- X. **Successful hematopoietic engraftment with gray platelets after allogeneic hematopoietic stem cell transplantation from gray platelet syndrome donor**
Katgi A., Ataca P., Kahraman S., Sevindik O. G., Sonmez Ü., Solmaz S. M., Piskin O., DEMİRKAN F., ÖZSAN G. H.
BLOOD COAGULATION & FIBRINOLYSIS, vol.24, no.2, pp.208-210, 2013 (SCI-Expanded)
- XI. **Research Into The Acute Effects of Resveratrol on The Traumatic Brain Injury Model in Immatur Rats**
CANKURT Ü., ÖZBAL S., Tekmen I., ERBİL G., SÖNMEZ A., ÖZOĞUL C.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.30, no.4, pp.731-739, 2013 (SCI-Expanded)
- XII. **Effects of Lipoic Acid in an Experimentally Induced Hypertensive and Diabetic Rat Model**
CILAKER MIÇILI S., Ergur B. U., ÖZOĞUL C., SARIOĞLU S., BAĞRIYANIK H. A., TUĞYAN K., PEKÇETİN Ç., Sonmez Ü., Tekmen I., ERBİL G., et al.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.35, no.5, pp.373-381, 2013 (SCI-Expanded)
- XIII. **Deoxycholate hydrogels of betamethasone-17-valerate intended for topical use: In vitro and in vivo evaluation**
Senyigit T., Tekmen I., Sonmez Ü., Santi P., Ozer O.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.403, pp.123-129, 2011 (SCI-Expanded)
- XIV. **Prophylactic and Therapeutic Effects of Carnosine in Ischemia Reperfusion Injury of Liver**
BAYKARA B., Tekmen I., CILAKER MIÇILI S., Sonmez Ü., ERBİL G., ÖZBAL S., ÖZOĞUL C.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.30, no.6, pp.1896-1905, 2010 (SCI-Expanded)
- XV. **The effects of intravitreally injected bevacizumab on the retina and retina pigment epithelium: experimental in-vivo electron microscopic study in intact versus vitrectomized eyes**
KOÇAK N., Ozogul C., Kaynak S., Sonmez Ü., Zengin M. O., Karti O., ÖZTÜRK A. T., Ergin M. H.
CENTRAL EUROPEAN JOURNAL OF MEDICINE, vol.5, no.6, pp.745-751, 2010 (SCI-Expanded)
- XVI. **Neuroprotective effects of selenium and ginkgo biloba extract (EGb761) against ischemia and reperfusion injury in rat brain.**
Erbil G., Ozbal S., Sonmez Ü., Pekcetin Ç., Tugyan K., Bagriyanik A., Ozogul C.
Neurosciences (Riyadh, Saudi Arabia), vol.13, no.3, pp.233-8, 2008 (SCI-Expanded)
- XVII. **Histological and biochemical findings in an experimental model of intervertebral disc degeneration based on radio frequency**
Erbil G., Yurtsever C., Sonmez Ü., Akan P., Yucesoy K., Özbal S.
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.25, no.4, pp.208-219, 2008 (SCI-Expanded)
- XVIII. **Erythropoietin attenuates neuronal injury and potentiates the expression of pCREB in anterior horn after transient spinal cord ischemia in rats**
Sonmez A., Kabakci B., Vardar E., Gurel D., Sonmez Ü., Orhan Y. T., Acikel U., Gokmen N.
SURGICAL NEUROLOGY, vol.68, no.3, pp.297-303, 2007 (SCI-Expanded)
- XIX. **Neuroprotective effects of resveratrol against traumatic brain injury in immature rats**
Sonmez Ü., Sonmez A., Erbil G., Tekmen I., Baykara B.
NEUROSCIENCE LETTERS, vol.420, no.2, pp.133-137, 2007 (SCI-Expanded)
- XX. **Neuroprotective effect of the peptides ADNF-9 and NAP on hypoxic-ischemic brain injury in neonatal rats**
Kumral A., Yesilirmak D. C., Sonmez Ü., BASKIN A. H., Tugyan K., Yilmaz O., GENÇ Ş., Gokmen N., Genc K., Duman N., et al.
BRAIN RESEARCH, vol.1115, pp.169-178, 2006 (SCI-Expanded)
- XXI. **Evaluation of in vitro release and skin irritation of benzoyl peroxide containing prducts", Journal of Drug Delivery Science and Technology,**

- Cankurt Ü.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.16, pp.449-454, 2006 (SCI-Expanded)
- XXII. **Protective effect of melatonin against maternal deprivation-induced acute hippocampal damage in infant rats**
Tugyan K, Uysal Harzadin N, Ozdemir D, Sonmez Ü, Pekcetin Ç, Erbil G, Sonmez A.
NEUROSCIENCE LETTERS, vol.398, no.1-2, pp.145-150, 2006 (SCI-Expanded)
- XXIII. **Protective effects of erythropoietin against ethanol-induced apoptotic neurodegeneration and oxidative stress in the developing C57BL/6 mouse brain**
Kumral A, Tugyan K, Gonenc S, Genc K, Genc Ş, Sonmez Ü, Yilmaz O, Duman N, Uysal Harzadin N, Özkan H.
DEVELOPMENTAL BRAIN RESEARCH, vol.160, no.2, pp.146-156, 2005 (SCI-Expanded)
- XXIV. **Protective effect of melatonin against head trauma-induced hippocampal damage and spatial memory deficits in immature rats**
Ozdemir D, Tugyan K, UYSAL HARZADIN N, Sonmez Ü, Sonmez A, Acikgoz O, Ozdemir N, Duman M, ÖZKAN H.
NEUROSCIENCE LETTERS, vol.385, no.3, pp.234-239, 2005 (SCI-Expanded)
- XXV. **Methamphetamine induces oligodendroglial cell death in vitro**
Genc K, Genc Ş, Kizildag S, Sonmez Ü, Yilmaz O, Tugyan K, Ergur B, Sonmez A, Buldan Z.
BRAIN RESEARCH, vol.982, no.1, pp.125-130, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Microinfusion of bupropion inhibits putative GABAergic neuronal activity of the ventral tegmental area.**
Amirabadi S, Pakdel F. G., Shahabi P, Naderi S, Osalou M. A., Cankurt Ü.
Basic and clinical neuroscience, vol.5, no.3, pp.182-90, 2014 (Scopus)
- II. **The protective effects of carnosine in alcohol-induced hepatic injury in rats", Toxicology and Industrial Health, vol.30, pp.25-32, 2014**
Cankurt Ü.
Toxicology and Industrial Health, vol.30, pp.25-32, 2014 (Peer-Reviewed Journal)
- III. **Effects of Acute Intracerebroventricular Microinfusions of Bupropion on Background Spike Activity of Locus Coeruleus Neurons in Rats**
Cankurt Ü.
NEUROPHYSIOLOGIE - LABOR ZEITSCHRIFT FÜR NEUROPHYSIOLOGISCHE FUNKTIONSDIAGNOSTIK, vol.46, pp.316-322, 2014 (Scopus)
- IV. **The effect of acute intra locus coeruleus (LC) microinfusion of bupropion on formalin-induced pain behavior in rat**
Jahanbani M., Nasri S, Pakde F. G., CANKURT Ü., Shahabi P, Amirabadi S, Naderi S, Osalou M. A.
Basic and Clinical Neuroscience, vol.5, no.1, pp.31-41, 2014 (Scopus)
- V. **The effect of diabetic patient serum on rat Schwann cell viability in vitro**
Özyurt D., Genç K. K., Genç Ş., Tekmen I., Sönmez Ü., Altungöz O., Çömlekçi A.
Dokuz Eylül Üniversitesi Tıp Fakültesi Dergisi, vol.18, no.3, pp.221-227, 2004 (Peer-Reviewed Journal)
- VI. **The histopathological changes in the kidney cortex in an ischemia-reperfusion model and erythropoietin protective effect**
Ergür B. U., Bağrıyanık H. A., Sönmez Ü., Şişman A. R., Tuğyan N., Buldan Z.
Dokuz Eylül Üniversitesi Tıp Fakültesi Dergisi, vol.17, no.1, pp.13-19, 2003 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **İntiharda İnsan Pineal Bez Acetylserotonin o-metiltransferase İmmunreaktivitesinin Değerlendirilmesi: Otopsi Çalışması**

Kurtuluş Dereli A., Demirci G. N., Dodurga Y., Özbal S., Cankurt Ü., Boz B., Adıgüzel E., Acar K.

15. Adli Bilimler Kongresi, Antalya, Turkey, 12 - 15 April 2018

II. **Effects of grape seed extract and vitamin E on oxidative stress and apoptosis in the hippocampus of rats with streptozotocin induced diabetes**

YONGUÇ G. N., DODURGA Y., ADIGÜZEL E., GÜNDOĞDU G., KÜÇÜKATAY V., ÖZBAL S., YILMAZ İ. C., CANKURT Ü., YILMAZ Y., AKDOĞAN I.

27th ECNP Congress, 18 - 20 October 2014, vol.555, pp.119-126

III. **Üzüm çekirdeği özütü ve E vitamininin streptozotocin ile diyabet oluşturulan sıçanların hipokampuslarında oksidatif stres ve apoptoz üzerine etkileri**

YONGUÇ G. N., DODURGA Y., ADIGÜZEL E., GÜNDOĞDU G., KÜÇÜKATAY V., ÖZBAL S., YILMAZ İ., CANKURT Ü., YILMAZ Y., AKDOĞAN I.

16. Ulusal Anatomi Kongresi, Turkey, 11 - 14 September 2014

IV. **Effects of grape seed extract and vitamin E on oxidative stress and apoptosis in the hippocampus of streptozotocin induced diabetic rats**

YONGUÇ G. N., DODURGA Y., ADIGÜZEL E., GÜNDOĞDU G., KÜÇÜKATAY V., ÖZBAL S., YILMAZ İ. C., CANKURT Ü., YILMAZ Y., AKDOĞAN I.

16. Ulusal Anatomi Kongresi, Turkey, 11 - 14 September 2014

Supported Projects

CANKURT Ü., ERKUL G., Project Supported by Higher Education Institutions, OMEGA3 YAĞ ASİTLERİNİN DOKSORUBİSİN İLE İNDÜKLENEN KARDİYOTOKSİSİTE ÜZERİNE ETKİSİ, 2022 - 2023

CANKURT Ü., SOY F. S., Project Supported by Higher Education Institutions, Yüksek Yağlı Diyetle Beslenen Annelerden Doğan Yenidoğan Beynindeki İnflamasyonun İncelenmesi, 2022 - 2023

CANKURT Ü., Project Supported by Higher Education Institutions, DENEYSEL OLARAK OLUŞTURULAN SIÇAN UTERUS LEİOMYOMASI MODELİNDE KURKUMİNİN ETKİSİNİN HİSTOLOJİK OLARAK İNCELENMESİ, 2016 - 2017

GÜNELİ M. E., CANKURT Ü., CİLAKEK MIÇILI S., RESMİ H., TUBİTAK Project, Diyabette Gözlenen Kas Kaybında Kalpain Enzimlerinin Rolünün Araştırılması, 2014 - 2015

CANKURT Ü., Project Supported by Higher Education Institutions, Sıçanlarda Formaldehit Maruziyetiyle Testislerde Oluşan Morfolojik Değişiklikler Üzerine N-asetilsisteinin Etkisinin İncelenmesi, 2012 - 2013

CANKURT Ü., Project Supported by Higher Education Institutions, EIS (Electrochemical Impedance Spectroscopy) metodunu kullanarak ICSI (İntra Cytoplasmic Sperm Injection) ile oositin spermle uygun fertilizasyon zamanının araştırılması, 2010 - 2013

CİLAKEK MIÇILI S., RESMİ H., CANKURT Ü., TUBİTAK Project, Diyabette gözlenen artmış protein yıkımının engellenmesi için proteazomal inhibisyon ve antioksidan tedavi temelli yaklaşımların geliştirilmesi, 2009 - 2013

CANKURT Ü., Project Supported by Higher Education Institutions, SIÇANLARDA TRAVMATİK BEYİN HASARININ TESTİSE OLASI ETKİLERİNİN ARAŞTIRILMASI, 2011 - 2012

CANKURT Ü., Project Supported by Higher Education Institutions, İnsan Granuloza Hücrelerinde Apoptozun Değerlendirilmesi, 2008 - 2009

Metrics

Publication: 35

Citation (WoS): 451

Citation (Scopus): 531

H-Index (WoS): 10

H-Index (Scopus): 11

Non Academic Experience

Dokuz Eylül Üniversitesi Tıp Fakültesi Histoloji ve Embriyoloji Anabilim Dalı

Dokuz Eylül Üniversitesi Tıp Fakültesi Histoloji ve Embriyoloji Anabilim Dalı

Dokuz Eylül Üniversitesi Tıp Fakültesi Histoloji ve Embriyoloji Anabilim Dalı

İZMİR BUCA 2 NOLU HÜRRİYET S.OCAĞI

İZMİR ALIĞA MERKEZ 1 NOLU S.OCAĞI

NEVŞEHİR H.BEKTAŞ SAĞ.OCAĞI