

Prof. LÜTFİYE KANIT

Personal Information

Office Phone: [+90 232 390 1804](tel:+902323901804)

Email: lutfiye.kanit@ege.edu.tr

Education Information

Expertise In Medicine, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1988 - 1992

Under Graduate, Dokuz Eylül Üniversitesi, Tıp Fakültesi, Turkey 1981 - 1987

Research Areas

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

Academic Titles / Tasks

Professor, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2006 - Continues

Associate Professor, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2000 - 2005

Assistant Professor, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1995 - 2000

Expert, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1992 - 1995

Professional Experience

Assistant Director of the Institute, Ege Üniversitesi, Beyin Araştırmaları Uygulama Ve Araştırma Merkezi, 2009 - Continues

Head of Department, Ege Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2012 - 2015

Courses

Fizyoloji, Under Graduate, 2017 - 2018

Fizyoloji, Under Graduate, 2017 - 2018

fizyolojik psikoloji, Under Graduate, 2013 - 2014, 2015 - 2016, 2016 - 2017, 2017 - 2018

Advising Theses

KANIT L., SOMATİK DUYUSAL HASSASİYET ÖLÇEĞİ GELİŞTİRİLMESİ, Post Graduate, G.VATANSEVER(Student), 2017

KANIT L., Aβ (1-42) ile oluşturulan nörodejenerasyonda nikotinamid uygulamasının nad⁺ metabolizmasında rol oynayan bazı enzimlerin mRNA ekspresyonları üzerine etkisi, Post Graduate, İ.KILIÇARSLAN(Student), 2016

KANIT L., Nesiller boyu oral nikotin alımının spasyal öğrenmeye etkileri, Post Graduate, S.DEMİREL(Student), 2015

KANIT L., In vitro cart ekspresyonu üzerinde nikotin etkileri, Post Graduate, M.UĞUR(Student), 2014

KANIT L., Adölesan dönemi nikotine maruz kalan sıçanlarda erişkinlikte beyin BDNF düzeyleri, bilişsel performans ve şartlı yer tercihi, Doctorate, T.NESİL(Student), 2012

KANIT L., Stres ve nikotinin nöronal nitrik oksit sentaz ekspresyonu ve beyin nitrit/nitrat seviyelerine etkisi, Doctorate, A.KESER(Student), 2007

KANIT L., Farklı protokoller ile uygulanan hormon replasman tedavisi ve tamoksifenin ovariektomili sıçanlarda kognitif işlevler ve depresyona etkisi, Doctorate, M.COŞAN(Student), 2007

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

- **Increased alcohol preference and intake in nicotine-preferring rats.**
Ozturk B., Pogun S., Kanit L.
The American journal of drug and alcohol abuse, pp.1-13, 2019 (Journal Indexed in SCI)
- **Nicotine increased VEGF and MMP2 levels in the rat eye and kidney.**
Ates M., Hosgorler F., Yuksel O., Unsal S. K. , Guvendi G., Karakilic A., Koc B., Kandis S., KANIT L., Uysal N.
Environmental science and pollution research international, vol.26, pp.33517-33523, 2019 (Journal Indexed in SCI)
- **Cocaine-and amphetamine-regulated transcript promoter regulated by nicotine in nerve growth factor-treated PC12 cells**
Ugur M., Kanit L., Koylu E. O. , Balkan B., Gözen O.
PHYSIOLOGY INTERNATIONAL, vol.106, pp.272-282, 2019 (Journal Indexed in SCI)
- **Chronic nicotine-induced changes in gene expression of delta and kappa-opioid receptors and their endogenous ligands in the mesocorticolimbic system of the rat**
Ugur M., Kaya E., Gozen O., Koylu E. O. , Kanit L., Keser A., Balkan B.
SYNAPSE, vol.71, 2017 (Journal Indexed in SCI)
- **Gene expression of pro-opiomelanocortin and melanocortin receptors is regulated in the hypothalamus and mesocorticolimbic system following nicotine administration**
Tapinc D. E. , Ilgin R., Kaya E., Gozen O., Ugur M., Koylu E. O. , Kanit L., Keser A., Balkan B.
NEUROSCIENCE LETTERS, vol.637, pp.75-79, 2017 (Journal Indexed in SCI)
- **Sex Differences in Nicotine Preference**
POGUN S., YARARBAŞ G., Nesil T., KANIT L.
JOURNAL OF NEUROSCIENCE RESEARCH, vol.95, pp.148-162, 2017 (Journal Indexed in SCI)
- **Can There be a Genetic/Epigenetic Association Between Nicotine Addiction and Cognitive Processes?**
Gurkan F. T. , Ugur M., Balci S. D. , Pogun S., KANIT L.
ACTA PHYSIOLOGICA, vol.218, pp.86, 2016 (Journal Indexed in SCI)
- **Neuroprotective Effects of Engineered Polymeric Nasal Microspheres Containing Hydroxypropyl-beta-cyclodextrin on beta-Amyloid (1-42)-Induced Toxicity**
YALÇIN A., SODDU E., BAYRAKDAR E. T. , UYANIKGİL Y., KANIT L., ARMAGAN G., RASSU G., GAVINI E., GIUNCHEDI P.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.105, pp.2372-2380, 2016 (Journal Indexed in SCI)
- **Nicotine Regulates Cocaine-Amphetamine-Regulated Transcript (Cart) in the Mesocorticolimbic System**
Kaya E., Gozen O., Ugur M., Koylu E. O. , Kanit L., Balkan B.
SYNAPSE, vol.70, pp.283-292, 2016 (Journal Indexed in SCI)
- **Nicotinic cholinergic and dopaminergic receptor mRNA expression in male and female rats with high or low preference for nicotine**
Gozen O., Nesil T., Kanit L., Koylu E. O. , Pogun S.
AMERICAN JOURNAL OF DRUG AND ALCOHOL ABUSE, vol.42, pp.556-566, 2016 (Journal Indexed in SCI)
- **Nicotine intake and problem solving strategies are modified during a cognitively demanding water maze task in rats**
NESİL T., KANIT L., POGUN S.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.138, pp.156-163, 2015 (Journal Indexed in SCI)
- **Nicotine Administration Effects on Cart mRNA Expression in Mesocorticolimbic System Structures in the Rat Brain**
Kaya E., Gozen O., Ugur M., Koylu E., Kanit L., Balkan B.
ACTA PHYSIOLOGICA, vol.215, pp.21, 2015 (Journal Indexed in SCI)
- **Nicotine withdrawal in selectively bred high and low nicotine preferring rat lines**
NESİL T., KANIT L., UĞUR M., POGUN S.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.131, pp.91-97, 2015 (Journal Indexed in SCI)
- **Bitter taste and nicotine preference: evidence for sex differences in rats**

Nesil T., Kanit L., Pogun S.

AMERICAN JOURNAL OF DRUG AND ALCOHOL ABUSE, vol.41, pp.57-67, 2015 (Journal Indexed in SCI)

- **Ex vivo protective effects of nicotinamide and 3 aminobenzamide on rat synaptosomes treated with A 142**

Turunç Bayrakdar S. E. , Armagan G., Uyanıkgil Y., Kanit L., Koylu E. O. , Yalçın A.

Cell Biochemistry And Function, vol.32, pp.557-564, 2014 (Journal Indexed in SCI Expanded)

- **Nicotinamide treatment reduces the levels of oxidative stress, apoptosis, and PARP-1 activity in A beta (1-42)-induced rat model of Alzheimer's disease**

BAYRAKDAR E. T. , UYANIKGİL Y., KANIT L., KOYLU E. O. , YALÇIN A.

FREE RADICAL RESEARCH, vol.48, pp.146-158, 2014 (Journal Indexed in SCI)

- **Effect of 3 aminobenzamide treatment on the levels of PARP 1 overactivity oxidative stress and apoptosis induced by amyloid beta peptide 142 in the rat brain**

Turunç S. E. , Uyanıkgil Y., Yalçın A., Kanit L., Koylu E. O.

Cell Biochemistry And Function, vol.32, pp.557-564, 2014 (Journal Indexed in SSCI)

- **Nine Generations of Selection for High and Low Nicotine Intake in Outbred Sprague-Dawley Rats**

Nesil T., Kanit L., Li M. D. , Pogun S.

BEHAVIOR GENETICS, vol.43, pp.436-444, 2013 (Journal Indexed in SCI)

- **Kainic acid-induced seizure activity alters the mRNA expression and G-protein activation of the opioid/nociceptin receptors in the rat brain cortex**

BAYRAKDAR E. T. , BOJNIK E., ARMAGAN G., KANIT L., BENYHE S., BORSODIA., YALÇIN A.

EPILEPSY RESEARCH, vol.105, pp.13-19, 2013 (Journal Indexed in SCI)

- **Effects of non-steroidal antiinflammatory drugs on D-serine-induced oxidative stress in vitro**

ARMAGAN G., KANIT L., YALÇIN A.

DRUG AND CHEMICAL TOXICOLOGY, vol.35, pp.393-398, 2012 (Journal Indexed in SCI)

- **Neuroprotective effects of PARP-1 inhibitors on the model of Alzheimer's Disease induced by A beta(1-42)**

BAYRAKDAR E. T. , UYANIKGİL Y., KANIT L., KOYLU E. O. , YALÇIN A.

FREE RADICAL BIOLOGY AND MEDICINE, vol.53, 2012 (Journal Indexed in SCI)

- **Neuroprotection by mefenamic acid against D-serine: Involvement of oxidative stress, inflammation and apoptosis**

ARMAGAN G., TURUNC E., KANIT L., YALÇIN A.

FREE RADICAL RESEARCH, vol.46, pp.726-739, 2012 (Journal Indexed in SCI)

- **Kainic acid-induced changes in the opioid/nociceptin system and the stress/toxicity pathways in the rat hippocampus**

ARMAGAN G., BOJNIK E., TURUNC E., KANIT L., CINAR O. G. , BENYHE S., BORSODIA., YALÇIN A.

NEUROCHEMISTRY INTERNATIONAL, vol.60, pp.555-564, 2012 (Journal Indexed in SCI)

- **The effects of raloxifene treatment on oxidative status in brain tissues and learning process of ovariectomized rats**

Osmanova S., Sezer E., Turan V., Zeybek B., Terek M. C. , Kanit L.

IRANIAN JOURNAL OF REPRODUCTIVE MEDICINE, vol.9, pp.295-300, 2011 (Journal Indexed in SCI)

- **Previous chronic exposure eliminates the conditioning effect of nicotine in rats**

Nesil T., Yararbas G., Mola G., Kanit L., Pogun S.

BRAIN RESEARCH BULLETIN, vol.85, pp.339-345, 2011 (Journal Indexed in SCI)

- **Individual differences in oral nicotine intake in rats**

Nesil T., Kanit L., COLLINS A. C. , Pogun S.

NEUROPHARMACOLOGY, vol.61, pp.189-201, 2011 (Journal Indexed in SCI)

- **D-serine treatment induces oxidative stress in rat brain**

ARMAGAN G., KANIT L., YALÇIN A.

DRUG AND CHEMICAL TOXICOLOGY, vol.34, pp.129-138, 2011 (Journal Indexed in SCI)

- **Hippocampal neuronal nitric oxide synthase (nNOS) is regulated by nicotine and stress in female but not in male rats**

Keser A., Balkan B., Gozen O., Kanit L., Pogun S.

BRAIN RESEARCH, vol.1368, pp.134-142, 2011 (Journal Indexed in SCI)

- **Changes in the cannabinoid (CB1) receptor expression level and G-protein activation in the kainic acid model of epilepsy**
BOJNİK E., Turunc E., Armagan G., Kanit L., BENYHE S., Yalcin A., BORSODIA.
PHARMACOLOGICAL REPORTS, vol.63, pp.250, 2011 (Journal Indexed in SCI)
- **Effect of gamma-glutamylcysteine ethylester on the levels of c-fos mRNA expression, glutathione and reactive oxygen species formation in kainic acid excitotoxicity**
TURUNC E., KANIT L., YALÇIN A.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.62, pp.1010-1017, 2010 (Journal Indexed in SCI)
- **Potential neuroprotective effect of gamma-glutamylcysteine ethyl ester on rat brain against kainic acid-induced excitotoxicity**
YALÇIN A., ARMAGAN G., TURUNC E., KONYALIOĞLU S., KANIT L.
FREE RADICAL RESEARCH, vol.44, pp.513-521, 2010 (Journal Indexed in SCI)
- **Nicotine-induced conditioned place preference in rats: Sex differences and the role of mGluR5 receptors**
YARARBAŞ G., KESER A., KANIT L., Pogun S.
NEUROPHARMACOLOGY, vol.58, pp.374-382, 2010 (Journal Indexed in SCI)
- **The Comparison of Electrochemical Assay and Agarose Gel Electrophoresis for the Determination of DNA Damage Induced by Kainic Acid**
Karadeniz H., Armagan G., Erdem A., Turunc E., Çalışkan A., Kanit L., Yalçin A.
ELECTROANALYSIS, vol.21, pp.2468-2476, 2009 (Journal Indexed in SCI)
- **The Levels of Glutathione and Nitrite-Nitrate and the Expression of BCL-2 MRNA in Ovariectomized Rats Treated by Raloxifene Against Kainic Acid**
ARMAGAN G., KANIT L., Terek C. M. , Sozmen E., YALÇIN A.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.119, pp.227-239, 2009 (Journal Indexed in SCI)
- **The effects of raloxifen on depression and cognition in ovariectomized rats.**
KARAHANCER M., Cirpan T., KANIT L., TEREK M. C. , DIKMEN Y., Ozsener S.
Fertility and sterility, vol.89, pp.240-2, 2008 (Journal Indexed in SCI Expanded)
- **Immunohistochemical evaluation of cell proliferation and apoptosis markers in ovaries and uterus of tamoxifen-treated rats**
Cirpan T., Terek M. C. , Ulukus M., Ulukus E. C. , Akman L., Kanit L.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, vol.18, pp.141-145, 2008 (Journal Indexed in SCI)
- **In vitro effects of ritodrine, magnesium sulfate and their combination on spontaneous contractions of myometrial strips of pregnant rat uteri**
Hacivelioglu S., Cirpan T., Terek M. C. , Kanit L., Kazandi M., Oztekin K.
CLINICAL AND EXPERIMENTAL OBSTETRICS & GYNECOLOGY, vol.34, pp.223-227, 2007 (Journal Indexed in SCI)
- **Proliferative effects of different hormone regimens on mammary glands in ovariectomized rats**
Cirpan T., ISCAN O., Terek M. C. , Ozsener S., Kanit L., POGUN S., Zekioglu O., Yucebilgin S.
EUROPEAN JOURNAL OF GYNAECOLOGICAL ONCOLOGY, vol.27, pp.256-261, 2006 (Journal Indexed in SCI)
- **Effects of laterality and sex on cognitive strategy in a water maze place learning task and modification by nicotine and nitric oxide synthase inhibition in rats**
Kanit L., Koylu E. O. , ERDOGAN O., POGUN S.
BRAIN RESEARCH BULLETIN, vol.66, pp.189-202, 2005 (Journal Indexed in SCI)
- **Altered level of apurinic/aprimidinic endonuclease/redox factor-1 (APE/REF-1) mRNA in the hippocampus of ovariectomized rats treated by raloxifene against kainic acid**
Yalcin A., Kanit L., DURMAZ G., Sargin S., Terek C., Tanyolac B.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.32, pp.611-614, 2005 (Journal Indexed in SCI)
- **Altered level of apurinic/aprimidinic endonuclease/redox factor-1 (APE/REF-1) mRNA in the hippocampus of ovariectomized rats treated by raloxifene against kainic acid**
YALÇIN A., KANIT L., DURMAZ G., SARGIN S., TEREK M. C. , TANYOLAÇ M. B.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.32, pp.611-614, 2005 (Journal Indexed in SCI)
- **Effects of nitric oxide synthase inhibition on spatial discrimination learning and central DA2 and mACh**

receptors

Koylu E. O. , Kanit L., Taskiran D., Dagci T., Balkan B., POGUN S.

PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.81, pp.32-40, 2005 (Journal Indexed in SCI)

- **Altered gene expressions in rat hippocampus after kainate injection with or without melatonin pre-treatment**

Yalcin A., Kanit L., Sozmen E.

NEUROSCIENCE LETTERS, vol.359, pp.65-68, 2004 (Journal Indexed in SCI)

- **The effect of nitric oxide synthase inhibition on cognitive ability and strategies employed for place learning in the water maze: sex differences**

Kanit L., Koylu E. O. , Yasarbas G., FUREDY J., POGUN S.

BRAIN RESEARCH BULLETIN, vol.62, pp.151-159, 2003 (Journal Indexed in SCI)

- **The effects of melatonin on the antioxidant systems in experimental spinal injury**

Taskiran D., Tanyalcin T., Sozmen E., Pekker G., Gulmen V., Cagli S., Kanit L., Tekeli G., Barcin E., Zileli M., et al.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.104, pp.63-73, 2000 (Journal Indexed in SCI)

- **Morris water maze reveals interactions between effects of nicotine and sexually dimorphic preferences for different cognitive strategies in rats**

Kanit L., McDonald R., Taskiran D., Kulali B., Furedy J., Pogun S.

INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY, vol.25, pp.68-69, 1997 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Ege Üniversitesi Tıp Fakültesi Öğrenci ve Öğretim Üyesi Değerlendirme Formları ile Yapılan Ölçümlere İlişkin Geçerlilik - Güvenilirlik**

VATANSEVER K., AYDEMİR S. Ş. , BATIA. H. , CAN C., ÇOKER M., ERENŞOY M. S. , GÖKMEN F., KAÇMAZ BAŞOĞLU Ö., KANIT L., KÜLTÜRSAYIN., et al.

Tıp Eğitimi Dünyası, vol.19, pp.37-54, 2020 (Other Refereed National Journals)

- **Effect of mefenamic acid on base excision repair enzymes against D serine induced neurotoxicity**

Armagan G., Sevgili E., Turunç S. E. , Kanit L., Yalçın A.

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.13, pp.103-114, 2016 (Refereed Journals of Other Institutions)

- **Effect of melatonin co treatment against kainic acid on thiol redox modulator gene expressions in rat hippocampus**

ARMAGAN G., TURUNÇ S. E. , KANIT L., YALÇIN A.

Journal of Asian Association of Schools of Pharmacy, vol.1, pp.44-52, 2012 (Refereed Journals of Other Institutions)

- **Monoamineoxidase Activity and Nitric Oxide Levels Vary Between Different Brain Regions in a Gender Specific Way**

ERCAN G., YILDIRIM SÖZMEN E., GİRGİN SAĞIN F., yanturali İ., KANIT L., ersöz b.

Ege Medical Journal, 2005 (Other Refereed National Journals)

- **Monoamineoxidase Activity and Nitric Oxide Levels Vary Between Different Brain Regions in a Gender Specific Way**

ERCAN G., YILDIRIM SÖZMEN E., GİRGİN SAĞIN F., yanturali İ., KANIT L., ersöz b.

Ege Medical Journal, 2005 (Other Refereed National Journals)

Book & Book Chapters

- **in: Guyton ve Hall Tıbbi Fizyoloji**

EK R. O. , SÜER C., KANIT L., KOYLU E. O. , ÇAKAR L., KAHVECİ N., ALICAN Y. İ. , KURDAK S. S. , ÖZTÜRK L., DOĞAN A., et al.

Prof. Dr. Berrak ÇAĞLAYAN YEĞEN, Editor, ELSEVIER - GÜNEŞ TIP KİTAPBEVLERİ, pp.797-804, 2017

- **in: Menapoz**

Uysal A., Yavaşoğlu A., Kanit L., Ercan G., Mızrak S., Kirazlı Y., Yenieli A. Ö. , Ergenoğlu A. M.

Kadın Üreme Organları Histolojik Yapısı , Prof. Dr. Kemal Öztekin, Editor, Ege Üniversitesi, İzmir, pp.1-27, 2012

• **in: Menopoz Ed Öztekin K Ege Tıp Ayın Kitabı Sayı 115 185 sayfa 2012**

UYSAL A., YAVAŞOĞLU A., KANIT L., ERCAN G., MIZRAK S., KİRAZLI Y., YENİEL A. Ö. , ERGENOĞLU A. M.
Kadın Üreme Organları Histolojik Yapısı, Öztekin K, Editor, Ege Tıp Ayın Kitabı, Bornova-İzmir, pp.1-27, 2012

Refereed Congress / Symposium Publications in Proceedings

- **Effect of Oral Nicotine Administration on Expression of Neuropeptide Y and Neuropeptide Y2 Receptor in Rat Brain.**
BİRDOĞAN A., SALUR E., ÖZTÜRK M., AYPAR B., KESER A., KANIT L., KOYLU E. O. , BALKAN B., GÖZEN O.
Turkish Society of Physiological Sciences 45th National Physiology Congress, Aydın, Turkey, 31 Ekim - 04 Kasım 2019, vol.227, pp.36
- **Effects of Nicotine Administration on Anxiety Tests in Nicotine Preferred Rat Lines**
BAYOĞLU M., ZİNDE A., MELİHA Ö., KESER A., BALKAN B., GÖZEN O., KOYLU E. O. , KANIT L.
Turkish Society of Physiological Sciences 45th National Physiology Congress, Aydın, Turkey, 31 Ekim - 03 Kasım 2019, vol.227, pp.36
- **Oral Nikotin Uygulamasının Sıçan Beyninde Nöropeptid Y ve Nöropeptid Y2 Reseptörünün Ekspresyonuna Etkisi**
Birdoğan A., Salur E., Öztürk M., Aypar B., KESER A., KANIT L., KOYLU E. O. , BALKAN B., GÖZEN O.
Turkish Society of Physiological Sciences 45th National Physiology Congress, Aydın, Turkey, 31 Ekim - 03 Kasım 2019, vol.227, pp.42
- **Nikotin Tercih Eden Sıçan Soylarında Nikotin Yoksunluğunun Sukroz Tercihine Etkisi**
Öztürk M., Zinde A., Bayoğlu M., KANIT L., BALKAN B., GÖZEN O., KOYLU E. O. , KESER A.
Turkish Society of Physiological Sciences 45th National Physiology Congress, Aydın, Turkey, 31 Ekim - 03 Kasım 2019, vol.227, pp.85
- **Effects of chronic nicotine treatment on MC3R and MC4R mRNA expression in the rat brain**
Tapinc D. E. , Kaya E., Gözen O., Koylu E. O. , Kanit L., Keser A., Balkan B.
17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 Nisan 2019, vol.13
- **Nicotine administration effects on pro-opiomelanocortin (POMC) and μ opioid receptor (MOR) mRNA expressions in the rat brain**
İlgin R., Kaya E., Gözen O., Koylu E. O. , Kanit L., Keser A., Balkan B.
17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 Nisan 2019, vol.13
- **The effects of nicotine administration on the MCH and MCHR1 expression in the rat brain**
Sezer M. G. , Kaya E., Gözen O., Koylu E. O. , Kanit L., Keser A., Balkan B.
17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 Nisan 2019, vol.13
- **Selective breeding for high nicotine preference increases vulnerability to alcohol drinking in male and female sprague dawley rats**
Öztürk B., KANIT L.
11. FENS Forum, Berlin, Germany, 07 Temmuz 2018, pp.1
- **Potential protective effects of hydroxypropyl-beta-cyclodextrin on A beta(1-42)-induced neurotoxicity**
Yağın A., Turunc E., Uyanıkgil Y., Kanit L., Kaplan M. M. , Erzurumlu Y., Sevinc E.
19th Biennial Meeting of the Society-for-Free-Radical-Research-International (SFRR), Lisbon, Portugal, 01 Ocak 2018, vol.120
- **Effect of GCEE or GCEE-loaded microspheres administration on the levels of glutathione and thiol redox molecules in rat brain**
YALÇIN A., TURUNÇ S. E. , YILDIZ TÜRKYILMAZ G., KANIT L., KARASULU E.
Oxygen Club of California World Congress 2017: Metabolic Stress and Redox Regulation, 21 - 23 Haziran 2017
- **Can There be a Genetic Epigenetic Association Between Nicotine Addiction and Cognitive Processes ACTA PHYSIOLOGICA**
TUZCU GÜRKAN F., UGUR M., DEMİREL BAĞCI S., POGUN S., KANIT L.
Ulusal Fizyoloji kongresi, Düzce, Turkey, 4 - 08 Eylül 2016
- **Effects of nicotinamide treatment on mRNA expression of various enzymes involved in NAD(+) metabolism in A beta(1-42) induced neurodegeneration**

Kilicarslan I., Turunc E., Kanit L., Yalcin A.

Conference of the Society-for-Free-Radical-Research-Europe (SFRR-E), Budapest, Hungary, 8 - 11 Haziran 2016, vol.96

- **Bayrakdar ET, Uyanıkgil Y, Kanit L, Koylu E, Yalcin A. Neuroprotective effects of nicotinamide against A β (1-42) induced in vivo and in vitro neurodegeneration models.**
TURUNÇ E., UYANIKGİL Y., KANIT L., YALÇIN A., KOYLU E. O.
The British Neuroscience Association's Festival of Neuroscience (BNA), Edinburg, United Kingdom, 01 Kasım 2015, pp.1-3
- **The Effects of Oral Nicotine Administration through Generations on Conditioned Place Preference**
UGUR M., BALCI S. D. , KANIT L., ŞAHİN H.
Ulusal Fizyoloji Kongresi, Turkey, 8 - 10 Eylül 2015, vol.215, pp.46
- **Siçan Beyninde Nikotin Uygulamasının Mezokortikolimbik Sistem Yapılarında Eksprese Edilen Cart mRNA Düzeyleri Üzerindeki Etkileri**
Kaya E., Gözen O., Ugur M., Koylu E. O. , Kanit L., Balkan B.
41. Ulusal Fizyoloji Kongresi, Çanakkale, Turkey, 9 - 12 Eylül 2015
- **Neuroprotective effects of nicotinamide against A 1 42 induced in vivo and in vitro neurodegeneration models**
Turunç S. E. , Uyanıkgil Y., Kanit L., Koylu E. O. , Yalçın A.
British Neuroscience Association (BNA) Festival of Neuroscience, Brighton, United Kingdom, 12 - 15 Nisan 2015
- **SIÇAN BEYNİNDE NİKOTİN UYGULAMASININ MEZOKORTİKOLİMBİK SİSTEM YAPILARINDA EKSPRESE EDİLEN CART PEPTİDİNE ETKİLERİ**
Kaya E., Gözen O., Özgür A., Koylu E. O. , Kanit L., Balkan B.
40. Ulusal Fizyoloji Kongresi, Kayseri, Turkey, 2 - 06 Eylül 2014, pp.170
- **The Effect of Oestrogen Replasmance on Brain MAO and NO levels in Overectomized Rats**
ERCAN G., GİRGIN SAĞIN F., YILDIRIM SÖZMEN E., KANIT L., ersöz b., menteş g.
11th Amine Oxidase Workshop Amine Oxidases: Function and Disfunction, St Andrews, İSKOÇYA, 25 - 29 Temmuz 2014
- **ORAL NİKOTİN TERCİHİNİN SIÇANLARDA NİKOTİNİK ASETİLKOLİN RESEPTÖR ALT ÜNİTELERİNİN EKSPRESYONUNA OLAN ETKİLERİ**
GÖZEN O., NESİL T., KANIT L., KOYLU E. O. , PÖĞÜN Ş.
39. ULUSAL FİZYOLOJİ KONGRESİ, Ankara, Turkey, 10 Eylül 2013, pp.49
- **D serine karşı mefenamik asitin baz eksizyon tamir enzimleri ve PARP 1 üzerine etkisi**
ARMAGAN G., TURUNÇ BAYRAKDAR S. E. , KANIT L., YALÇIN A.
25. Ulusal Biyokimya Kongresi, İzmir, Turkey, 3 - 06 Eylül 2013, vol.38, pp.327
- **Protective effects of hydroxypropyl cyclodextrin microspheres loaded nasal formulations on amyloid peptide 1 42 induced neurodegeneration**
Soddu E., Turunç Bayrakdar S. E. , Uyanıkgil Y., Kanit L., Armagan G., Giunchedi P., Gavini E., Yalçın A.
5th International Nutrition, Oxygen Biology and Medicine Symposium, Paris, France, 5 - 07 Haziran 2013, pp.106
- **Deneysel preeklampsi modelinde intrauterin büyüme geriliği geliştirilen yavru ratlarda kısa ve uzun dönem nörolojik prognoz**
bilgin b., TEREK D., ALTUN KÖROĞLU Ö., BAKA M., KANIT L., SÖZMEN E., YALAZ M., KÜLTÜRSAY N.
21.ulusal neonatoloji kongresi, Turkey, 14 - 17 Nisan 2013
- **Regulator effect of glutamylcysteine ethyl ester on the levels of antioxidant cellular stress response and apoptotic molecules in kainic acid induced excitotoxicity**
YALÇIN A., TURUNÇ BAYRAKDAR S. E. , ARMAGAN G., KANIT L.
British Neuroscience Association 2013: Festival of Neuroscience, Londrina, United Kingdom, 7 - 10 Nisan 2013, vol.22, pp.523
- **Induction of oxidative stress apoptosis and inflammation in rat brain regions by D serine**
ARMAGAN G., KANIT L., YALÇIN A.
Oxygen Club of California (OCC) World Congress 2012, Alba, Italy, 20 - 23 Haziran 2012
- **Potential protective effects of mefenamic acid on inflammation induced by neurodegeneration**
ARMAGAN G., KANIT L., YALÇIN A.
Society for Free Radical Research-Europe (SFRR-Europe) Meeting, İstanbul, Turkey, 7 - 10 Eylül 2011, pp.94

- In vitro and in vivo determination of DNA damage induced by kainic acid using electrochemical assay and agarose gel electrophoresis**
 ARMAGAN G., KARADENİZ H., ERDEM GÜRSAN K. A. , TURUNÇ BAYRAKDAR S. E. , ÇALIŞKAN A., KANIT L., YALÇIN A.
 The International Congress on Bioinformatics and Biomics, Kuşadası-Aydın, Turkey, 18 - 22 Mayıs 2011
- Changes in the cannabinoid CB1 receptor expression level and G protein activation in the kainic acid model of epilepsy**
 BOJNİK E., TURUNÇ BAYRAKDAR S. E. , ARMAGAN G., KANIT L., BENYHE S., YALÇIN A., BORSODI A.
 European Opioid Conference, Krakow, Poland, 13 - 15 Nisan 2011, vol.63, pp.250
- Elevation of hippocampal glutathione and induction of thiol redox modulator gene expressions by glutamylcysteine ethyl ester against kainic acid induced oxidative stress**
 YALÇIN A., DURMAZ G., TURUNÇ BAYRAKDAR S. E. , KANIT L.
 Emerging Trends in Free Radical and Antioxidant Research. Third Biennial Meeting of the Society for Free Radical Research-Asia (SFRR-Asia) & Sixth Annual Meeting of SFRR-India, Lonavala, India, 8 - 11 Ocak 2007, pp.19-20
- Potential antiapoptotic activity of mefenamic acid in D serine induced oxidative stress**
 ARMAGAN G., KANIT L., YALÇIN A.
 International Postgraduate Student Meeting on Pharmaceutical Sciences (IPSMPS), İzmir, Turkey, 24 - 27 Haziran 2010
- Expressional mRNA levels and G protein activation of opioid system receptors in kainic acid induced neurodegeneration**
 TURUNÇ BAYRAKDAR S. E. , ARMAGAN G., BOJNİK E., KANIT L., BORSODI A., YALÇIN A.
 International Postgraduate Student Meeting on Pharmaceutical Sciences (IPSMPS), İzmir, Turkey, 24 - 27 Haziran 2010
- Raloxifene up regulates expression of Bcl 2 mRNA in ovariectomized rat hippocampus treated by kainic acid**
 YALÇIN A., DURMAZ G., KANIT L., TEREK M. C.
 Society for Free Radical Research Europe (SFRR-Europe) Meeting 2005, West Midlands, United Kingdom, 8 - 11 Temmuz 2005, vol.39, pp.85
- Effect of glutamylcysteine ethyl ester on modulation of c fos gene expressions and glutathione levels in kainic acid model of neurodegeneration**
 TURUNÇ BAYRAKDAR S. E. , ARMAGAN G., KANIT L., YALÇIN A.
 "Oxidative Stress in Diseases" Congress, Bratislava, Slovakia, 15 - 18 Nisan 2008, pp.55
- Alteration on mRNA levels of p53 and caspase 3 activity in rat brains treated by glutamylcysteine ethyl ester against kainic acid**
 ARMAGAN G., TURUNÇ BAYRAKDAR S. E. , KANIT L., YALÇIN A.
 "Oxidative Stress in Diseases" Congress, Bratislava, Slovakia, 15 - 18 Nisan 2008
- Modulation of p53 gene expression and caspase-3 activity by gamma-glutamylcysteine ethyl ester in kainic acid model of neurodegeneration**
 ARMAGAN G., TURUNÇ S. E. , KANIT L., YALÇIN A.
 European Meeting of the Society-for-Free-Radical-Research-Europe (SFRR-Europe), Vilamoura, Portugal, 10 - 13 Ekim 2007, vol.41
- Modulation of c-fos gene expressions and glutathione levels by gamma-glutamylcysteine ethyl ester in kainic acid model of neurode-generation**
 Ezgi Turunc S., ARMAGAN G., KANIT L., YALÇIN A.
 European Meeting of the Society-for-Free-Radical-Research-Europe (SFRR-Europe), Vilamoura, Portugal, 10 - 13 Ekim 2007, vol.41
- Bcl 2 mRNA and glutathione levels in ovariectomized rat brains treated by raloxifene against kainic acid**
 ARMAGAN G., TEREK M. C. , KANIT L., YALÇIN A.
 15th Meeting of Balkan Clinical Laboratory Federation, Antalya, Turkey, 4 - 06 Eylül 2007, vol.14
- Modulation of neuroprotective gene expressions and DNA damage by potential antioxidant molecules in animal models of neurodegeneration**
 YALÇIN A., ARMAGAN G., TURUNÇ BAYRAKDAR S. E. , KONYALIOĞLU S., KANIT L.
 "New Approaches and Deveelopments in Molecular Mechanisms of Lipid Peroxidation Associated Disorders"

Workshop of COST Action B35: LPO, İstanbul, Turkey, 18 Mayıs 2007

- **Overektomili Siçanlarda Östrojen Replasmanının Beyin MAO ve NO Düzeylerine Etkisi**
yanturalı İ., ERCAN G., GİRĞİN SAĞIN F., YILDIRIM SÖZMEN E., KANIT L., ersöz b., menteş g.
Türk Klinik Biyokimya Derneği İstanbul Şubesi Osteoporozla Biyokimyasal Yaklaşım Sempozyumu, Turkey, 8 - 10 Eylül 2005
- **Effect of raloxifene and kainic acid treatment on gene expressions of thioredoxin and redox factor 1**
YALÇIN A., KANIT L., DURMAZ G., TEREK M. C. , SARGIN Ş., TANYOLAÇ M. B.
11th Annual Meeting of the Society for Free Radical Biology and Medicine, Virgin Islands, United States Of America, 17 - 21 Kasım 2004, vol.37, pp.166
- **Monoamin Oksidaz Aktivitesi ve Nitrik Oksit Düzeyleri Cinsiyete ve Beyin Bölgelerine Göre Farklılık Gösterir**
YILDIRIM SÖZMEN E., ERCAN G., KANIT L., yanturalı İ., menteş g., ersöz b., GİRĞİN SAĞIN F.
I. Ulusal Klinik Biyokimya Uzmanları Derneği Kongresi, Turkey, 1 - 04 Ekim 2003

Other Publications

- **LABORATUVAR HAYVANLARI BAKIM VE KULLANIM KILAVUZU**
ÖZTÜRK L., Yılmaz R., Demirgören S., Göksel S., Baka M., Sözman Yıldırım E., Kanit L., Çınar M.
Technical Report, pp.131, 1987

Supported Projects

KESER A., BALKAN B., KANIT L., KOYLU E. O. , GÖZEN O., İlgin R., KAYA E., Project Supported by Higher Education Institutions, NİKOTİN UYGULAMASININ SIÇAN BEYNİNDE PRO-OPİOMELANOKORTİN (POMC) VE μ OPIÖİD RESEPTÖR (MOR) MRNA EKSPRESYONU ÜZERİNE ETKİLERİ, 2016 - 2019

KESER A., GÖZEN O., BALKAN B., KOYLU E. O. , KANIT L., KAYA E., Project Supported by Higher Education Institutions, NİKOTİNİN MCH VE MHCR1 EKSPRESYONU ÜZERİNE ETKİLERİ, 2016 - 2019

BALKAN B., GÖZEN O., KOYLU E. O. , KANIT L., KESER A., KAYA E., Project Supported by Higher Education Institutions, NİKOTİN UYGULAMASININ SIÇAN BEYNİNDE ENKEFALİN VE DELTA OPIÖİD RESEPTÖR (DOR) MRNA EKSPRESYONU ÜZERİNE ETKİLERİ, 2016 - 2019

GÖZEN O., BALKAN B., KOYLU E. O. , KANIT L., KESER A., KAYA E., Project Supported by Higher Education Institutions, NİKOTİN UYGULAMASININ SIÇAN BEYNİNDE DİNORFİN VE KAPPA OPIÖİD RESEPTÖR (KOR) MRNA EKSPRESYONU ÜZERİNE ETKİLERİ, 2016 - 2019

GÖZEN O., EĞRİLMEZ S., KOYLU E. O. , KANIT L., Project Supported by Higher Education Institutions, KAN ÜRÜNÜ GÖZYAŞI TAVKİYELERİ ÜRETİM LABORATUVARI KURULMASI, 2015 - 2019

KANIT L., Project Supported by Higher Education Institutions, NESİLLER BOYU ALINAN NİKOTİNİN ALKOL ALIMINA OLAN ETKİSİNİN ARAŞTIRILMASI, 2017 - 2018

KESER A., GÖZEN O., BALKAN B., KOYLU E. O. , KANIT L., KAYA E., Uğur M., Project Supported by Higher Education Institutions, NİKOTİNİN δ -OPIÖİD RESEPTÖR DÜZENLENMESİ ÜZERİNE ETKİLERİNİN ARAŞTIRILMASI, 2015 - 2018

BALKAN B., KANIT L., KOYLU E. O. , GÖZEN O., KESER A., KAYA E., Project Supported by Higher Education Institutions, SIÇAN BEYNİNDE KRONİK NİKOTİN UYGULAMASININ MEZOKORTİKOLİMBİK SİSTEM YAPILARINDA EKSPRESE EDİLEN CART PEPTİDLERİNE ETKİLERİ, 2015 - 2018

GÖZEN O., KANIT L., KOYLU E. O. , BALKAN B., KESER A., KAYA E., Project Supported by Higher Education Institutions, SIÇAN BEYNİNDE KRONİK NİKOTİN UYGULAMASININ MEZOKORTİKOLİMBİK SİSTEM YAPILARINDA EKPRESE EDİLEN CART MRNASINA ETKİLERİ, 2015 - 2018

KANIT L., Project Supported by Higher Education Institutions, NİKOTİNE YATKINLIĞI VE DİRENCİ OLAN SIÇAN SOYLARINDA SPASYAL ÖĞRENMENİN DEĞİŞİMİ, 2014 - 2017

KANIT L., Project Supported by Higher Education Institutions, A β (1-42) İLE OLUŞTURULAN NÖRODEJENERASYONDA NİKOTİNAMİD UYGULAMASININ NAD+METABOLİZMASINDA ROL OYNAYAN BAZI ENZİMLERİN MRNA EKSPRESYONLARI ÜZERİNE ETKİSİ, 2015 - 2016

KANIT L., Project Supported by Higher Education Institutions, ORAL NİKOTİN TERCİHİNİN, MESOLİMBİK ALANLARDA, NİKOTİNİK ASETİLKOLİN RESEPTÖR ALT ÜNİTELERİ ALFA4 VE BETA2 EKSPRESYONU ETKİLERİ ETKİSİ, 2012 -

2016

KANIT L., Project Supported by Higher Education Institutions, ORAL NİKOTİN TERCİHİNİN MESOLİMBİK ALANLARDA DOPAMİNERJİK VE NİKOTİNİK ASETİLKOLİNERJİK RESEPTÖRLERİN EKSPRESYONU ÜZERİNE ETKİSİ, 2012 - 2016

KANIT L., Project Supported by Higher Education Institutions, NESİLLER BOYU ORAL NİKOTİN ALIMININ SPASYAL ÖĞRENMEYE ETKİLERİ, 2013 - 2015

KANIT L., Project Supported by Higher Education Institutions, IN VİTRO CART EKSPRESYONU ÜZERİNDE NİKOTİN ETKİLERİ, 2013 - 2015

KANIT L., Project Supported by Higher Education Institutions, NİKOTİN BAĞIMLILIĞINDA TAD DUYUSUNUN ETKİSİNİN ARAŞTIRILMASI, 2010 - 2013

KANIT L., Project Supported by Higher Education Institutions, ADOLESAN DÖNEMİ NİKOTİNE MARUZ KALAN SIÇANLARDA ERİŞKİNLİKTE BEYİN BDNF DÜZEYLERİ BİLİŞSEL PERFORMANS VE ŞARTLI YET-R TERCİHİ, 2006 - 2011

KANIT L., Project Supported by Higher Education Institutions, ADOLESAN DÖNEMİ NİKOTİNE MARUZ KALAN SIÇANLARDA ERİŞKİNLİKTE BEYİN NİTRİT/NİTRAT DÜZEYLERİ VE BİLİŞSEL PERFORMANS, 2006 - 2010

KANIT L., Project Supported by Higher Education Institutions, PROBLEM ÇÖZME STRATEJİLERİNDE CİNSİYET FARKLILIKLARININVE FARKLILIĞA NEDEN OLAN FAKTÖRLERİN İNCELENMESİ, 1998 - 2003

KANIT L., Project Supported by Higher Education Institutions, PROBLEM ÇÖZME STRATEJİLERİNDE CİNSİYET FARKLILIKLARININ VE FARKLILIĞA NEDEN OLAN FAKTÖRLERİN İNCELENMESİ, 1998 - 2003

KANIT L., Project Supported by Higher Education Institutions, GINGKO BILOBA (PAF ANTAGONISTI) NİN YAŞLILIK VE NÖRODEJENARIF SÜREÇLERLE GİDEN BEYİN PLASTİSİTESİ, 1993 - 1997

KANIT L., Project Supported by Higher Education Institutions, SIÇAN BEYİNİ GLUTAMATEL RESEPTÖR DÜZEYLERİNDEKİ BÖLGESEL HEMİSPERİK VE CİNSİYETE BAĞLI DEĞİŞİKLİKLER, 1990 - 1992

Scientific Refereeing

Project Supported by Higher Education Institutions, November 2018

TUBİTAK Project, July 2018

Project Supported by Higher Education Institutions, March 2018

Invited Congress and Symposium Activities

Ulusal Fizyoloji Kongresi, Attendee, Antalya, Turkey, 2018

FENS forum Berlin, Attendee, Berlin, Germany, 2018

Citations

Total Citations (WOS):692

h-index (WOS):13