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Education Information

Doctorate, Suleyman Demirel University, Sağlık Bilimleri Enstitüsü, Sinir Bilimleri Anabilim Dalı, Turkey 2015 - 2018

Doctorate, Firat University, Institute Of Health Sciences, -, Turkey 1992 - 1996

Under Graduate, Firat University, Veteriner Fakültesi, Veteriner, Turkey Continues

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biophysics

Academic and Administrative Experience

Head of Department, Suleyman Demirel University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2005 - Continues

Visiting Professor-Less than 6 months, Aichi Medical University, NIPS-Aaichi-Okazaki, NIPS-Aaichi-Okazaki, 2017 - 2017

Deputy Head of Department, Weill Cornell Medical College, Medical Faculty, Physiology, 2013 - 2013

Guest Professor-Less than 6 months, University of Leicester, Physiology and Pharmacology, Physiology and Pharmacology, 2010 - 2010

Head of Department, Suleyman Demirel University, Sağlık Bilimleri Fakültesi, 2008 - 2009

Deputy Head of Department, Rheinisch-Westfaelische Technische Hochschule Aachen, Tıp Fakültesi, Fizyoloji Anabilim Dalı, 2002 - 2005

Young Investigator Award Owner-Less than 6 months, University of California, Berkeley, Faculty of Medicine, Nutrition Physiology, 2001 - 2001

Post-Doc, Martin-Luther-Universitaet Halle-Wittenberg, Nutrition Research Center, Nutrition, 1999 - 2000

Researcher-Post-Doc, Technical University Budapest, Science Faculty, Department of Nutrition, 1996 - 1997

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

- I. **Involvement of TRPM2 in the Neurobiology of Experimental Migraine: Focus on Oxidative Stress and Apoptosis**
Yazgan Y., NAZIROĞLU M.
MOLECULAR NEUROBIOLOGY, 2021 (Journal Indexed in SCI)
- II. **Noopept Attenuates Diabetes-Mediated Neuropathic Pain and Oxidative Hippocampal Neurotoxicity via Inhibition of TRPV1 Channel in Rats**
DÜZOVA H., NAZIROĞLU M., Cig B., GÜRBÜZ P., AKATLI A. N.
MOLECULAR NEUROBIOLOGY, 2021 (Journal Indexed in SCI)

- III. **Deletion of Mitochondrial Translocator Protein (TSPO) Gene Decreases Oxidative Retinal Pigment Epithelial Cell Death via Modulation of TRPM2 Channel**
ÖZKAYA D., Shu X., NAZIROĞLU M.
BIOLOGY-BASEL, vol.10, no.5, 2021 (Journal Indexed in SCI)
- IV. **Interferon Gamma-Mediated Oxidative Stress Induces Apoptosis, Neuroinflammation, Zinc Ion Influx, and TRPM2 Channel Activation in Neuronal Cell Line: Modulator Role of Curcumin**
Guzel M., NAZIROĞLU M., AKPINAR O., Cinar R.
INFLAMMATION, 2021 (Journal Indexed in SCI)
- V. **Editorial: Involvements of TRP Channels, Oxidative Stress and Apoptosis in Neurodegenerative Diseases**
Braidly N., Smani T., NAZIROĞLU M.
FRONTIERS IN PHYSIOLOGY, vol.12, 2021 (Journal Indexed in SCI)
- VI. **Bevacizumab induces oxidative cytotoxicity and apoptosis via TRPM2 channel activation in retinal pigment epithelial cells: Protective role of glutathione**
ÖZKAYA D., NAZIROĞLU M.
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, 2021 (Journal Indexed in SCI)
- VII. **Involvement of TRPM2 Channel on Hypoxia-Induced Oxidative Injury, Inflammation, and Cell Death in Retinal Pigment Epithelial Cells: Modulator Action of Selenium Nanoparticles**
ÖZKAYA D., NAZIROĞLU M., Vanyorek L., Muhamad S.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2021 (Journal Indexed in SCI)
- VIII. **Glutathione depletion induces oxidative injury and apoptosis via TRPM2 channel activation in renal collecting duct cells**
ARMAĞAN H. H. , NAZIROĞLU M.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.334, 2021 (Journal Indexed in SCI)
- IX. **Melatonin ameliorates docetaxel-induced mitochondrial oxidative toxicity and cytokine generation in the laryngo-tracheal epithelial cell**
Gokce Kutuk S., NAZIROĞLU M.
BIOCELL, vol.45, no.1, pp.177-188, 2021 (Journal Indexed in SCI)
- X. **Curcumin Attenuates Hypoxia-Induced Oxidative Neurotoxicity, Apoptosis, Calcium, and Zinc Ion Influxes in a Neuronal Cell Line: Involvement of TRPM2 Channel**
ARMAĞAN H. H. , NAZIROĞLU M.
NEUROTOXICITY RESEARCH, 2020 (Journal Indexed in SCI)
- XI. **The potential protective roles of zinc, selenium and glutathione on hypoxia-induced TRPM2 channel activation in transfected HEK293 cells**
Ergun D. D. , Dursun S., PASTACI ÖZSOBACI N., HATIRNAZ NG Ö., NAZIROĞLU M., ÖZÇELİK D.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.40, no.6, pp.521-530, 2020 (Journal Indexed in SCI)
- XII. **Clostridium botulinum neurotoxin A induces apoptosis and mitochondrial oxidative stress via activation of TRPM2 channel signaling pathway in neuroblastoma and glioblastoma tumor cells**
AKPINAR O., Ozsimsek A., Guzel M., NAZIROĞLU M.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.40, no.6, pp.620-632, 2020 (Journal Indexed in SCI)
- XIII. **Selenium prevents interferon-gamma induced activation of TRPM2 channel and inhibits inflammation, mitochondrial oxidative stress, and apoptosis in microglia**
Akyuva Y., NAZIROĞLU M., Yıldızhan K.
METABOLIC BRAIN DISEASE, 2020 (Journal Indexed in SCI)
- XIV. **Glutathione Depletion and Parkinsonian Neurotoxin MPP+-Induced TRPM2 Channel Activation Play Central Roles in Oxidative Cytotoxicity and Inflammation in Microglia**
Yıldızhan K., NAZIROĞLU M.
MOLECULAR NEUROBIOLOGY, vol.57, no.8, pp.3508-3525, 2020 (Journal Indexed in SCI)
- XV. **Morphine Induces Apoptosis, Inflammation, and Mitochondrial Oxidative Stress via Activation of TRPM2 Channel and Nitric Oxide Signaling Pathways in the Hippocampus**
Osmanoglu O., Yildirim M. K. , Akyuva Y., Yıldızhan K., NAZIROĞLU M.

MOLECULAR NEUROBIOLOGY, vol.57, no.8, pp.3376-3389, 2020 (Journal Indexed in SCI)

- XVI. **Selenium Diminishes Docetaxel-Induced Cell Death, Oxidative Stress, and Inflammation in the Laryngotracheal Epithelium of the Mouse**
Kutuk S. G. , NAZIROĞLU M.
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- XVII. **Melatonin and Selenium Suppress Docetaxel-Induced TRPV1 Activation, Neuropathic Pain and Oxidative Neurotoxicity in Mice**
ERTİLAV K., NAZIROĞLU M., Ataizi Z. S. , Yıldızhan K.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2020 (Journal Indexed in SCI)
- XVIII. **Protective effect of cabergoline on mitochondrial oxidative stress-induced apoptosis is mediated by modulations of TRPM2 in neutrophils of patients with endometriosis**
Ekici E. I. , GÜNEY M., NAZIROĞLU M.
JOURNAL OF BIOENERGETICS AND BIOMEMBRANES, 2020 (Journal Indexed in SCI)
- XIX. **Bisphenol A-Induced Cell Proliferation and Mitochondrial Oxidative Stress Are Diminished via Modulation of TRPV1 Channel in Estrogen Positive Breast Cancer Cell by Selenium Treatment**
ULU GÜZEL K. G. , NAZIROĞLU M., CEYHAN D.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2020 (Journal Indexed in SCI)
- XX. **Curcumin diminishes cisplatin-induced apoptosis and mitochondrial oxidative stress through inhibition of TRPM2 channel signaling pathway in mouse optic nerve**
ÖZKAYA D., NAZIROĞLU M.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.40, no.2, pp.97-108, 2020 (Journal Indexed in SCI)
- XXI. **Selenium and Neurological Diseases: Focus on Peripheral Pain and TRP Channels**
NAZIROĞLU M., ÖZ A., Yıldızhan K.
CURRENT NEUROPHARMACOLOGY, vol.18, no.6, pp.501-517, 2020 (Journal Indexed in SCI)
- XXII. **Role of Selenium on MPP Neurotoxicity in SH-SY5Y Neuroblastoma Cells: Focus on TRPV1 Channels**
ÖZ A., ÇELİK Ö., NAZIROĞLU M.
Turkish Journal Of Biochemistry-Türk Biyokimya Dergisi, vol.44, pp.65-68, 2019 (Journal Indexed in SCI Expanded)
- XXIII. **Curcumin enhances cisplatin-induced human laryngeal squamous cancer cell death through activation of TRPM2 channel and mitochondrial oxidative stress**
Kutuk S. G. , Gokce G., Kutuk M., Cila H. E. S. G. , NAZIROĞLU M.
SCIENTIFIC REPORTS, vol.9, 2019 (Journal Indexed in SCI)
- XXIV. **Modulator role of infliximab and methotrexate through the transient receptor potential melastatin 2 (TRPM2) channel in neutrophils of patients with rheumatoid arthritis: a pilot study**
DOĞRU A., NAZIROĞLU M., Cig B.
ARCHIVES OF MEDICAL SCIENCE, vol.15, no.6, pp.1415-1424, 2019 (Journal Indexed in SCI)
- XXV. **Treatment with melatonin and selenium attenuates docetaxel-induced apoptosis and oxidative injury in kidney and testes of mice**
BAŞ E., NAZIROĞLU M.
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- XXVI. **Albumin evokes Ca²⁺-induced cell oxidative stress and apoptosis through TRPM2 channel in renal collecting duct cells reduced by curcumin**
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- XXVII. **Mitochondrial oxidative stress-induced brain and hippocampus apoptosis decrease through modulation of caspase activity, Ca²⁺ influx and inflammatory cytokine molecular pathways in the docetaxel-treated mice by melatonin and selenium treatments**
Ataizi Z. S. , ERTİLAV K., NAZIROĞLU M.
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- XXVIII. **Selenium Enhances the Apoptotic Efficacy of Docetaxel Through Activation of TRPM2 Channel in DBTRG Glioblastoma Cells**

- ERTİLAV K., NAZIROĞLU M., Ataizi Z. S. , Braidy N.
NEUROTOXICITY RESEARCH, vol.35, no.4, pp.797-808, 2019 (Journal Indexed in SCI)
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ANTI-CANCER DRUGS, vol.30, no.4, pp.339-346, 2019 (Journal Indexed in SCI)
- XXX. **ADP-Ribose and oxidative stress activate TRPM8 channel in prostate cancer and kidney cells**
BAŞ E., NAZIROĞLU M., PECZE L.
SCIENTIFIC REPORTS, vol.9, 2019 (Journal Indexed in SCI)
- XXXI. **Alpha lipoic acid attenuates hypoxia-induced apoptosis, inflammation and mitochondrial oxidative stress via inhibition of TRPA1 channel in human glioblastoma cell line**
DEVECİ H. A. , Akyuva Y., NUR G., NAZIROĞLU M.
BIOMEDICINE & PHARMACOTHERAPY, vol.111, pp.292-304, 2019 (Journal Indexed in SCI)
- XXXII. **Inhibitions of anandamide transport and FAAH synthesis decrease apoptosis and oxidative stress through inhibition of TRPV1 channel in an in vitro seizure model**
NAZIROĞLU M., TANER A. N. , BALBAY E., Cig B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.453, pp.143-155, 2019 (Journal Indexed in SCI)
- XXXIII. **Hypericum perforatum L. supplementation protects sciatic nerve injury-induced apoptotic, inflammatory and oxidative damage to muscle, blood and brain in rats**
USLUSOY F., NAZIROĞLU M., ÖVEY I. S. , SÖNMEZ T. T.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.71, no.1, pp.83-92, 2019 (Journal Indexed in SCI)
- XXXIV. **Resveratrol Enhances Apoptotic and Oxidant Effects of Paclitaxel through TRPM2 Channel Activation in DBTRG Glioblastoma Cells**
Ozturk Y., Gunaydin C., Yalcin F., NAZIROĞLU M., Braidy N.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, 2019 (Journal Indexed in SCI)
- XXXV. **An extract of Hypericum perforatum induces wound healing through inhibitions of Ca²⁺ mobilizations, mitochondrial oxidative stress and cell death in epithelial cells: Involvement of TRPM2 channels**
USLUSOY F., NAZIROĞLU M.
BIOCELL, vol.43, no.4, pp.271-283, 2019 (Journal Indexed in SCI)
- XXXVI. **Effects of Homocysteine and Memantine on Oxidative Stress Related TRP Cation Channels in In-vitro Model of Alzheimer's Disease**
Ovey I. S. , NAZIROĞLU M.
ACTA PHYSIOLOGICA, vol.225, pp.15, 2018 (Journal Indexed in SCI)
- XXXVII. **Investigation of TRP Channel on Etiology of Neurodegenerative Diseases in Hippocampus of Rat by Using Confocal Laser Microscopy**
NAZIROĞLU M.
ACTA PHYSIOLOGICA, vol.225, pp.11, 2018 (Journal Indexed in SCI)
- XXXVIII. **Calorie restriction protects against apoptosis, mitochondrial oxidative stress and increased calcium signaling through inhibition of TRPV1 channel in the hippocampus and dorsal root ganglion of rats**
GÜLTEKİN F., NAZIROĞLU M., Savas H. B. , Cig B.
METABOLIC BRAIN DISEASE, vol.33, no.5, pp.1761-1774, 2018 (Journal Indexed in SCI)
- XXXIX. **Editorial: Involvements of TRP Channels and Oxidative Stress in Pain**
Carrasco C., NAZIROĞLU M., Pecze L., Pariente J. A.
FRONTIERS IN PHYSIOLOGY, vol.9, 2018 (Journal Indexed in SCI)
- XL. **Zoledronic Acid, Bevacizumab and Dexamethasone-Induced Apoptosis, Mitochondrial Oxidative Stress, and Calcium Signaling Are Decreased in Human Osteoblast-Like Cell Line by Selenium Treatment**
YAZICI T., KOÇER G., NAZIROĞLU M., Ovey I. S. , ÖZ A.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.184, no.2, pp.358-368, 2018 (Journal Indexed in SCI)
- XLI. **Long term exposure to cell phone frequencies (900 and 1800 MHz) induces apoptosis, mitochondrial oxidative stress and TRPV1 channel activation in the hippocampus and dorsal root**

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ERTİLAV K., USLUSOY F., Ataizi S., NAZIROĞLU M.

METABOLIC BRAIN DISEASE, vol.33, no.3, pp.753-763, 2018 (Journal Indexed in SCI)

- XLII. **Menthol evokes Ca²⁺ signals and induces oxidative stress independently of the presence of TRPM8 (menthol) receptor in cancer cells**
NAZIROĞLU M., Blum W., Jósvey K., Çiğ B., Henzi T., Oláh Z., Vizler C., Schwaller B., Pecze L.
Redox Biology, vol.14, pp.439-449, 2018 (Journal Indexed in SCI)
- XLIII. **Neuropathic Pain: Delving into the Oxidative Origin and the Possible Implication of Transient Receptor Potential Channels**
Carrasco C., NAZIROĞLU M., Rodriguez A. B., Pariente J. A.
FRONTIERS IN PHYSIOLOGY, vol.9, 2018 (Journal Indexed in SCI)
- XLIV. **5-Fluorouracil-induced mitochondrial oxidative cytotoxicity and apoptosis are increased in MCF-7 human breast cancer cells by TRPV1 channel activation but not Hypericum perforatum treatment**
Deveci H. A., NAZIROĞLU M., Nur G.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.439, pp.189-198, 2018 (Journal Indexed in SCI)
- XLV. **Involvement of TRPM2 and TRPV1 channels on hyperalgesia, apoptosis and oxidative stress in rat fibromyalgia model: Protective role of selenium.**
YÜKSEL E., NAZIROĞLU M., ŞAHİN M., Çiğ B.
Scientific reports, vol.7, pp.17543, 2017 (Journal Indexed in SCI)
- XLVI. **Thermo-Sensitive TRP Channels: Novel Targets for Treating Chemotherapy-Induced Peripheral Pain**
NAZIROĞLU M., BRAIDY N.
FRONTIERS IN PHYSIOLOGY, vol.8, 2017 (Journal Indexed in SCI)
- XLVII. **Ovariectomy-Induced Mitochondrial Oxidative Stress, Apoptosis, and Calcium Ion Influx Through TRPA1, TRPM2, and TRPV1 Are Prevented by 17 beta-Estradiol, Tamoxifen, and Raloxifene in the Hippocampus and Dorsal Root Ganglion of Rats**
YAZĞAN Y., NAZIROĞLU M.
MOLECULAR NEUROBIOLOGY, vol.54, no.10, pp.7620-7638, 2017 (Journal Indexed in SCI)
- XLVIII. **Is caffeic acid phenethyl ester more protective than doxycycline in experimental periodontitis?**
Yigit U., KIRZIOĞLU F. Y., Uguz A. C., NAZIROĞLU M., Ozmen O.
ARCHIVES OF ORAL BIOLOGY, vol.81, pp.61-68, 2017 (Journal Indexed in SCI)
- XLIX. **Duloxetine Reduces Oxidative Stress, Apoptosis, and Ca²⁺ Entry Through Modulation of TRPM2 and TRPV1 Channels in the Hippocampus and Dorsal Root Ganglion of Rats**
DEMİRDAŞ A., NAZIROĞLU M., ÖVEY I. S.
MOLECULAR NEUROBIOLOGY, vol.54, no.6, pp.4683-4695, 2017 (Journal Indexed in SCI)
- L. **Targeting breast cancer cells by MRS1477, a positive allosteric modulator of TRPV1 channels.**
NAZIROĞLU M., Çiğ B., BLUM W., VIZLER C., BUHALA A., MARTON A., KATONA R., JÓSVAY K., SCHWALLER B., OLÁH Z., et al.
PloS one, vol.12, 2017 (Journal Indexed in SCI)
- LI. **Inhibition of the TRPM2 and TRPV1 Channels through <i>Hypericum perforatum&/i> in Sciatic Nerve Injury-induced Rats Demonstrates their Key Role in Apoptosis and Mitochondrial Oxidative Stress of Sciatic Nerve and Dorsal Root Ganglion.**
USLUSOY F., NAZIROĞLU M., Çiğ B.
Frontiers in physiology, vol.8, pp.335, 2017 (Journal Indexed in SCI)
- LII. **The Protective Role of Selenium on Scopolamine-Induced Memory Impairment, Oxidative Stress, and Apoptosis in Aged Rats: The Involvement of TRPM2 and TRPV1 Channels**
BALABAN H., NAZIROĞLU M., DEMİRCİ K., ÖVEY I. S.
MOLECULAR NEUROBIOLOGY, vol.54, no.4, pp.2852-2868, 2017 (Journal Indexed in SCI)
- LIII. **Selenium attenuates apoptosis, inflammation and oxidative stress in the blood and brain of aged rats with scopolamine-induced dementia**
DEMİRCİ K., NAZIROĞLU M., ÖVEY I. S., BALABAN H.
METABOLIC BRAIN DISEASE, vol.32, no.2, pp.321-329, 2017 (Journal Indexed in SCI)

- LIV. **Modulation of Diabetes-Induced Oxidative Stress, Apoptosis, and Ca²⁺ Entry Through TRPM2 and TRPV1 Channels in Dorsal Root Ganglion and Hippocampus of Diabetic Rats by Melatonin and Selenium**
Kahya M. C. , NAZIROĞLU M., ÖVEY I. S.
MOLECULAR NEUROBIOLOGY, vol.54, no.3, pp.2345-2360, 2017 (Journal Indexed in SCI)
- LV. **Different doses of dexmedetomidine reduce plasma cytokine production, brain oxidative injury, PARP and caspase expression levels but increase liver oxidative toxicity in cerebral ischemia-induced rats**
AKPINAR O., NAZIROĞLU M., AKPINAR H.
BRAIN RESEARCH BULLETIN, vol.130, pp.1-9, 2017 (Journal Indexed in SCI)
- LVI. **Activation of TRPM2 and TRPV1 Channels in Dorsal Root Ganglion by NADPH Oxidase and Protein Kinase C Molecular Pathways: a Patch Clamp Study**
NAZIROĞLU M.
JOURNAL OF MOLECULAR NEUROSCIENCE, vol.61, no.3, pp.425-435, 2017 (Journal Indexed in SCI)
- LVII. **Selenium potentiates the anticancer effect of cisplatin against oxidative stress and calcium ion signaling-induced intracellular toxicity in MCF-7 breast cancer cells: involvement of the TRPV1 channel**
Sakallı Çetin E., NAZIROĞLU M., Çiğ B., Övey İ. S. , ASLAN KOŞAR P.
Journal of Receptors and Signal Transduction, vol.37, no.1, pp.84-93, 2017 (Journal Indexed in SCI)
- LVIII. **Short-Term Ketamine Treatment Decreases Oxidative Stress Without Influencing TRPM2 and TRPV1 Channel Gating in the Hippocampus and Dorsal Root Ganglion of Rats**
DEMİRDAŞ A., NAZIROĞLU M., Övey I. S.
CELLULAR AND MOLECULAR NEUROBIOLOGY, vol.37, no.1, pp.133-144, 2017 (Journal Indexed in SCI)
- LIX. **Synergic prooxidant, apoptotic and TRPV1 channel activator effects of alpha-lipoic acid and cisplatin in MCF-7 breast cancer cells**
Nur G., NAZIROĞLU M., Deveci H. A.
JOURNAL OF RECEPTORS AND SIGNAL TRANSDUCTION, vol.37, no.6, pp.569-577, 2017 (Journal Indexed in SCI)
- LX. **Nanoparticles as potential clinical therapeutic agents in Alzheimer's disease: focus on selenium nanoparticles**
NAZIROĞLU M., MUHAMAD S., Pecze L.
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- LXI. **Agomelatine reduces brain, kidney and liver oxidative stress but increases plasma cytokine production in the rats with chronic mild stress-induced depression**
DEMİRDAŞ A., NAZIROĞLU M., Unal G. O.
METABOLIC BRAIN DISEASE, vol.31, no.6, pp.1445-1453, 2016 (Journal Indexed in SCI)
- LXII. **The neuroprotective action of dexmedetomidine on apoptosis, calcium entry and oxidative stress in cerebral ischemia-induced rats: Contribution of TRPM2 and TRPV1 channels**
AKPINAR H., NAZIROĞLU M., ÖVEY I. S. , Cig B., AKPINAR O.
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- LXIII. **Raloxifene and Tamoxifen Reduce PARP Activity, Cytokine and Oxidative Stress Levels in the Brain and Blood of Ovariectomized Rats**
Yazgan B., Yazgan Y., Övey I. S. , NAZIROĞLU M.
JOURNAL OF MOLECULAR NEUROSCIENCE, vol.60, no.2, pp.214-222, 2016 (Journal Indexed in SCI)
- LXIV. **Different doses of dexmedetomidine reduce plasma cytokine production, brain oxidative injury, PARP and caspase expression levels but increase liver oxidative toxicity in cerebral ischemia-induced rats**
AKPINAR O., AKPINAR H., NAZIROĞLU M.
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- LXV. **Oxidative stress of brain and liver is increased by Wi-Fi (2.45 GHz) exposure of rats during pregnancy and the development of newborns**
ÇELİK Ö., Kahya M. C. , NAZIROĞLU M.
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- LXVI. **Hypericum perforatum Attenuates Spinal Cord Injury-Induced Oxidative Stress and Apoptosis in the Dorsal Root Ganglion of Rats: Involvement of TRPM2 and TRPV1 Channels**
Ozdemir U. S. , NAZIROĞLU M., ŞENOL N., Ghazizadeh V.
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- LXVII. **Anti-tumor Necrosis Factor Alpha (Infliximab) Attenuates Apoptosis, Oxidative Stress, and Calcium Ion Entry Through Modulation of Cation Channels in Neutrophils of Patients with Ankylosing Spondylitis**
Ugan Y., NAZIROĞLU M., ŞAHİN M., AYKUR M.
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- LXVIII. **Long-term exposure to electromagnetic radiation from mobile phones and Wi-Fi devices decreases plasma prolactin, progesterone, and estrogen levels but increases uterine oxidative stress in pregnant rats and their offspring**
Yuksel M., NAZIROĞLU M., ÖZKAYA M. O.
ENDOCRINE, vol.52, no.2, pp.352-362, 2016 (Journal Indexed in SCI)
- LXIX. **Diabetes enhances oxidative stress-induced TRPM2 channel activity and its control by N-acetylcysteine in rat dorsal root ganglion and brain**
Sozbir E., NAZIROĞLU M.
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- LXX. **Synergic Effects of Doxorubicin and Melatonin on Apoptosis and Mitochondrial Oxidative Stress in MCF-7 Breast Cancer Cells: Involvement of TRPV1 Channels**
Koşar P. A. , NAZIROĞLU M., Övey İ. S. , Çiğ B.
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- LXXI. **Curcumin inhibits apoptosis by regulating intracellular calcium release, reactive oxygen species and mitochondrial depolarization levels in SH-SY5Y neuronal cells**
UĞUZ A. C. , ÖZ A., NAZIROĞLU M.
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- LXXII. **Melatonin and selenium reduce plasma cytokine and brain oxidative stress levels in diabetic rats**
Kahya M. C. , NAZIROĞLU M., Cig B.
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- LXXIII. **Investigation of the effects of distance from sources on apoptosis, oxidative stress and cytosolic calcium accumulation via TRPV1 channels induced by mobile phones and Wi-Fi in breast cancer cells**
Cig B., NAZIROĞLU M.
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- LXXIV. **Extremely low-frequency magnetic field induces manganese accumulation in brain, kidney and liver of rats**
ÇELİK M. S. , GÜVEN K., AKPOLAT V., Akdag M. Z. , NAZIROĞLU M., Gul-Guven R., Celik M. Y. , ERDOĞAN S.
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- LXXV. **Psychiatric disorders and TRP channels: Focus on psychotropic drugs**
NAZIROĞLU M., DEMİRDAŞ A.
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- LXXVI. **Riboflavin and Vitamin E Increase Brain Calcium and Antioxidants, and Microsomal Calcium-ATP-ase Values in Rat Headache Models Induced by Glyceryl Trinitrate**
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Supported Projects

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Activities in Scientific Journals

Scientific Reports, Committee Member, 2013 - Continues

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Scholarships

Alexander Von Humboldt-RWTH, Aachen, Germany, Humboldt Program, 2002 - 2005
NATO B2, TUBITAK, 1999 - 2000
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Awards

Nazirođlu M., Travel Award, Japan Neuroscience Society , July 2017
Nazirođlu M., Khwarizmi Uluslararası Ödülü- <https://www.dailymotion.com/video/xollkc> , Irost, February 2012
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