

Prof. SERAP ŐIRVANCI

Personal Information

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Education Information

Expertise In Medicine, Marmara University, School of Medicine, Basic Medical Sciences, Turkey 1998 - 2001

Under Graduate, Marmara University, School of Medicine, Tıp Pr. (İngilizce), Turkey 1990 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Expertise In Medicine, Absans epilepsili sıçan hipokampusu: Ultrastrüktür, ultrastrüktürel immünositokimya, histokimyasal Timm's metodu, Marmara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2001

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2015 - Continues

Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2009 - 2015

Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2007 - 2009

Expert, Marmara University, School of Medicine, Basic Medical Sciences, 2002 - 2007

Research Assistant, Marmara University, School of Medicine, Basic Medical Sciences, 1998 - 2002

Academic and Administrative Experience

Marmara University, Institute of Health Sciences, 2012 - 2013

Advising Theses

ŐIRVANCI S., Kronik strese maruz bırakılan sıçanlarda mesane hasarı üzerine alfa-lipoik asit etkisinin araştırılması: histokimyasal çalışma, Post Graduate, N.Yurdakul(Student), Continues

Őirvancı S., Pentilentetrazol ile oluşturulan temporal lob epilepsi modelinde timokinonun testis hasarı üzerindeki etkilerinin histolojik açıdan incelenmesi, Post Graduate, F.BEDİA(Student), 2019

- Şirvancı S., Kindling uygulanmış wistar ve genetik absans epilepsili sıçanlarda nörogenezin incelenmesi, Post Graduate, C.KANDEMİR(Student), 2018
- Şirvancı S., Kindling uyarısı alan wistar ve genetik absans epilepsili sıçanların (gaers) korteks dokularında ince-yapısal gama-aminobütirik asit immünsitokimyası, Post Graduate, F.BÖLÜKBAŞI(Student), 2016
- Şirvancı S., Wistar ve genetik absans epilepsili (GAERS) sıçanların testis dokusunda gama-aminobütirik asit immünreaktivitesinin incelenmesi, Post Graduate, D.GÜRİSOY(Student), 2015
- Şirvancı S., Wistar ve genetik absans epilepsili sıçanlarda nörogenez belirteci olan doublecortin ile gama-aminobütirik asit immünreaktivitesinin elektron mikroskopik olarak incelenmesi, Doctorate, Ö.TUĞÇE(Student), 2015
- Şirvancı S., Kindling uyarısı alan genetik absans epilepsili sıçanlarda hipokampal mossy terminallerinde elektron mikroskopik gaba değerlendirilmesi, Expertise In Medicine, N.NÜKHET(Student), 2013
- Şirvancı S., Kronik strese maruz bırakılan sıçanlarda mesane hasarı üzerine alfa-lipoik asit etkisinin araştırılması: Histokimyasal çalışma, Post Graduate, N.YURDAKUL(Student), 2010
- ŞİRVANCI S., Kronik strese maruz bırakılan sıçanlarda mesane hasarı üzerine Alfa-Lipoik asit etkisinin araştırılması: Histokimyasal çalışma, Post Graduate, N.Yurdakul(Student), 2010

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

- I. **Histological analysis of the effects of thymoquinone on testicular damage in pentylenetetrazole-induced temporal lobe epilepsy model**
Karakaya F. B. , Yavuz M., ŞİRVANCI S.
ANDROLOGIA, 2021 (Journal Indexed in SCI)
- II. **Association of Conductive Hearing Loss with the Structural Changes in the Organ of Corti**
Eroglu S., CEVİZCİ R., Turan Dizdar H., Tansuker H. D. , Bulut E., Dilci A., Ustun S., ŞİRVANCI S., KAYA Ö. T. , Bayazit D., et al.
ORL-JOURNAL FOR OTO-RHINO-LARYNGOLOGY HEAD AND NECK SURGERY, 2021 (Journal Indexed in SCI)
- III. **alpha 7 nicotinic receptor agonist and positive allosteric modulators differently improved schizophrenia-like cognitive deficits in male rats**
ÜNAL G., ŞİRVANCI S., ARICIOĞLU F.
BEHAVIOURAL BRAIN RESEARCH, vol.397, 2021 (Journal Indexed in SCI)
- IV. **Neurogenesis is Enhanced in Young Rats with Genetic Absence Epilepsy: An Immuno-electron Microscopic Study**
KAYA Ö. T. , Moore C., Meshul C. K. , Gursoy D., ONAT F., ŞİRVANCI S.
TURKISH NEUROSURGERY, vol.31, no.4, pp.623-633, 2021 (Journal Indexed in SCI)
- V. **Ultrastructural GABA immunogold labeling in the substantia nigra pars reticulata of kindled genetic absence epilepsy rats**
ŞİRVANCI S., AKAKIN D., Idrizoglu M. G. , KAYA Ö. T. , KARAMAHMUTOĞLU T., Asik Z. N. T. , ONAT F.
ULTRASTRUCTURAL PATHOLOGY, 2020 (Journal Indexed in SCI)
- VI. **NLRP1-Mediated Antidepressant Effect of Ketamine in Chronic Unpredictable Mild Stress Model in Rats**
Aricioglu F., Yalcinkaya C., Ozkartal C. S. , Tuzun E., ŞİRVANCI S., Kucukali C. I. , UTKAN T.
PSYCHIATRY INVESTIGATION, vol.17, no.4, pp.283-291, 2020 (Journal Indexed in SCI)
- VII. **Effects of Western Diet and Short-Chain Fatty Acids on Colonic Inflammation**
Sevim M., Ozturk C. C. , Ayvaz E. Y. , Mergen M. A. , Oluc M., Gullu E. C. , Temel M., ŞİRVANCI S., Aksu B., YÜKSEL M., et al.
ACTA PHYSIOLOGICA, vol.227, pp.49, 2019 (Journal Indexed in SCI)
- VIII. **Effects of western diet and short chain fatty acids on colonic inflammation in rats**
ÖZTÜRK C., Sevim M., Mergen A. M. , Gullu C. E. , Ayvaz Y. E. , Temel M., Oluc M., ŞİRVANCI S., Ural A. M. , Cevik O., et al.
ACTA PHYSIOLOGICA, vol.227, pp.43, 2019 (Journal Indexed in SCI)
- IX. **Effect of perinatal biotin deficiency on auditory pathway of the Wistar-Albino rats**

Yılmaz N. D. S. , Gür Ö. E. , Ensari N., BULUT E., KAYA Ö. T. , ŞİRVANCI S., Danışman B., DERİN N., Gezgin B., Aygener N., et al.

ACTA OTO-LARYNGOLOGICA, vol.139, no.8, pp.677-684, 2019 (Journal Indexed in SCI)

- X. **Antidepressant-like Effects Induced by Chronic Blockade of the Purinergic 2X7 Receptor through Inhibition of Non-like Receptor Protein 1 Inflammasome in Chronic Unpredictable Mild Stress Model of Depression in Rats**
ARICIOĞLU F., Ozkartal C. S. , Bastaskin T., Tuzun E., Kandemir C., ŞİRVANCI S., Kucukali C. I. , UTKAN T.
CLINICAL PSYCHOPHARMACOLOGY AND NEUROSCIENCE, vol.17, no.2, pp.261-272, 2019 (Journal Indexed in SCI)
- XI. **Regular Swimming Exercise in Rats Alleviates Gastric Ulcer-Induced Oxidative Stress by an Oxytocin-mediated Mechanism**
ARABACI TAMER S., Buke B., Uçem S., Güner M., Karaküçük A. G. , Yiğit N., ÇEVİK Ö., Coşkunlu B., ERCAN F., ŞİRVANCI S., et al.
Neuroendocrinology, vol.107, pp.22, 2018 (Journal Indexed in SCI)
- XII. **THE EFFECT OF ESTROGEN RECEPTOR AGONISTS ON PANCREATICOBILIARY DUCT LIGATION INDUCED EXPERIMENTAL ACUTE PANCREATITIS**
Guleken Z., Ozbeyli D., Acikel-Elmas M., Oktay S., Alev B., Sirvanci S., Ogunc A. V. , Cakir Ö.
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.68, no.6, pp.847-858, 2017 (Journal Indexed in SCI)
- XIII. **ANTI-INFLAMMATORY EFFECTS OF NESFATIN-1 ON ACETIC ACID-INDUCED GASTRIC ULCER IN RATS: INVOLVEMENT OF CYCLO-OXYGENASE PATHWAY**
Kolgazi M., Ozdemir-Kumral Z. N. , Cantali-Ozturk C., Demirci E. K. , Yuksel M., Sirvanci S., Yegen B. C.
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.68, no.5, pp.765-777, 2017 (Journal Indexed in SCI)
- XIV. **Agmatine produces antidepressant effect via modulation of neuroinflammation in chronic unpredictable mild stress model of rats: Implication in inflammatory perspective of depression**
ÖZKARTAL C., ARICIOĞLU F., TÜZÜN E., KELEŞ R. M. , KANDEMİR C., ŞİRVANCI S., KÜÇÜKALİ C. İ.
Psychiatry and Clinical Psychopharmacology, vol.27, pp.184-188, 2017 (Journal Indexed in SCI Expanded)
- XV. **NESFATIN-1 AMELIORATES BOWEL INJURY IN A NEONATAL RAT MODEL OF NECROTIZING ENTEROCOLITIS**
KARADENİZ CERİT K., KOYUNCUOĞLU T., YAĞMUR D., ANIL D., ŞİRVANCI S., DAĞLI E. T. , YEGEN B.
Gastroenterology, vol.152, pp.621, 2017 (Journal Indexed in SCI)
- XVI. **Anti-inflammatory properties of brilliant blue G on chronic unpredictable mild stress-induced changes in rat hippocampus**
Aricioglu F., Bastaskin T., Kandemir C., Sirvanci S., Ozkartal C., Utkan T.
EUROPEAN PSYCHIATRY, vol.41, 2017 (Journal Indexed in SCI)
- XVII. **Harmane suppresses microglial neuroinflammatory response and induce antidepressant-like effect in rats**
Aricioglu F., Arkan G., Kandemir C., Sirvanci S., Ozkartal C., Utkan T.
EUROPEAN PSYCHIATRY, vol.41, 2017 (Journal Indexed in SCI)
- XVIII. **Neuroprotective Effect of Erythropoietin on Phenylhydrazine Induced Hemolytic Hyperbilirubinemia in Neonatal Rats**
MEMİŞOĞLU A., Kolgazi M., Yaman A., Bahadır E., ŞİRVANCI S., YEGEN B., ÖZEK E.
NEUROCHEMICAL RESEARCH, vol.42, no.4, pp.1026-1037, 2017 (Journal Indexed in SCI)
- XIX. **Nesfatin-1 improves oxidative skin injury in normoglycemic or hyperglycemic rats**
Solmaz A., Bahadır E., Gulcicek O. B. , Yigitbas H., Celik A., Karagoz A., ÖZSAVCI D., ŞİRVANCI S., YEGEN B.
PEPTIDES, vol.78, pp.1-10, 2016 (Journal Indexed in SCI)
- XX. **The neuroprotective and anti-apoptotic effects of melatonin on hemolytic hyperbilirubinemia-induced oxidative brain damage**
Pazar A., Kolgazi M., MEMİŞOĞLU A., Bahadır E., ŞİRVANCI S., Yaman A., YEGEN B., ÖZEK E.
JOURNAL OF PINEAL RESEARCH, vol.60, no.1, pp.74-83, 2016 (Journal Indexed in SCI)
- XXI. **The Effect of Exercise Modalities on D-galactose Induced Rat Alzheimer Model**
ÖZBEYLİ D., Sari G., ÖZKAN N., KARADEMİR B., YÜKSEL M., ŞİRVANCI S., KASIMAY ÇAKIR Ö.
ACTA PHYSIOLOGICA, vol.215, pp.42, 2015 (Journal Indexed in SCI)

- XXII. **Evaluation of the Effect of Betahistine on Noise-Induced Hearing Loss Using Distortion Product Otoacoustic Emission and Scanning Electron Microscopy**
Yilmaz H., Aydin S., Sanli A., Erdogan B. A. , Kibar S., ŞİRVANCI S., Kiran D.
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.11, no.1, pp.6-11, 2015 (Journal Indexed in SCI)
- XXIII. **Electron microscopic investigation of neurogenesis and GABA immunoreactivity in genetic absence epileptic rats**
Çilingir Ö. T. , Gürsoy D., Moore C., Meshul C. K. , Onat F., Şirvancı S.
Epilepsia, vol.56, pp.3-262, 2015 (Journal Indexed in SCI Expanded)
- XXIV. **Nesfatin-1 alleviates gastric damage via direct antioxidant mechanisms**
Kolgazi M., Cantali-Ozturk C., Deniz R., ÖZDEMİR KUMRAL Z. N. , YÜKSEL M., ŞİRVANCI S., YEGEN B.
JOURNAL OF SURGICAL RESEARCH, vol.193, no.1, pp.111-118, 2015 (Journal Indexed in SCI)
- XXV. **Nesfatin 1 alleviates gastric damage via direct antioxidant mechanism**
KOLGAZİ M., ÇİÇDEM Ç. Ö. , DENİZ R., ÖZDEMİR KUMRAL Z. N. , YÜKSEL M., ŞİRVANCI S., BERRAK Y. Ç.
Journal Of Surgical Research, vol.193, pp.111-118, 2015 (Journal Indexed in SCI Expanded)
- XXVI. **Comparison of numbers of interneurons in three thalamic nuclei of normal and epileptic rats**
Cavdar S., Bay H. H. , Yildiz S. D. , AKAKIN D., ŞİRVANCI S., ONAT F.
NEUROSCIENCE BULLETIN, vol.30, no.3, pp.451-460, 2014 (Journal Indexed in SCI)
- XXVII. **Evaluation of Effect of Vitamin B12 on Noise-Induced Hearing Loss by Distortion Product Otoacoustic Emission (Dpoae) and Scanning Electron Microscopy**
Kibar S., Aydin S., Sanli A., Paksoy M., Yilmaz H., ŞİRVANCI S.
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.9, no.2, pp.167-174, 2013 (Journal Indexed in SCI)
- XXVIII. **Protective role of resveratrol against cisplatin induced ototoxicity in guinea pigs**
YUMUŞAKHUYLU A. C. , Yazici M., Sari M., Binnetoglu A., Kosemihal E., Akdas F., ŞİRVANCI S., YÜKSEL M., Uneri C., Tutkun A.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.76, no.3, pp.404-408, 2012 (Journal Indexed in SCI)
- XXIX. **Synaptic organization of the rat thalamus: a quantitative study**
ÇAVDAR S., Hacıoğlu H., ŞİRVANCI S., KESKİNÖZ E. N. , ONAT F.
NEUROLOGICAL SCIENCES, vol.32, no.6, pp.1047-1056, 2011 (Journal Indexed in SCI)
- XXX. **Glutamic Acid Decarboxylase Immunoreactivity in the Mossy Fiber Terminals of the Hippocampus of Genetic Absence Epileptic Rats**
Şirvancı S., Canillioğlu Y., Akakin D., Midillioğlu S., Yıldız S. D. , Onat F., San T.
TURKISH NEUROSURGERY, vol.21, pp.499-503, 2011 (Journal Indexed in SCI)
- XXXI. **Comparison of Anti-Inflammatory Effects of Theopylline and Resveratrolin in Chronic Bronchitic Rats**
Sahin M., Yildiz F., ŞİRVANCI S., ERCAN F., ŞAHİN D., BOYACI H., BAŞYİĞİT İ., İlgaçlı A.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.31, no.3, pp.559-567, 2011 (Journal Indexed in SCI)
- XXXII. **Ultrastructural GABA immunocytochemistry in the mossy fiber terminals of Wistar and genetic absence epileptic rats receiving amygdaloid kindling stimulations**
AKAKIN D., ŞİRVANCI S., Gurbanova A., Aker R., ONAT F., San T.
BRAIN RESEARCH, vol.1377, pp.101-108, 2011 (Journal Indexed in SCI)
- XXXIII. **Anti-inflammatory effects of montelukast on smoke-induced lung injury in rats**
BAŞYİĞİT İ., Sahin M., ŞAHİN D., Yildiz F., BOYACI H., ŞİRVANCI S., ERCAN F.
MULTIDISCIPLINARY RESPIRATORY MEDICINE, vol.5, no.2, pp.92-98, 2010 (Journal Indexed in SCI)
- XXXIV. **The Effects of Riluzole on Neurological, Brain Biochemical, and Histological Changes in Early and Late Term of Sepsis in Rats**
Toklu H. Z. , Uysal M. K. , KABASAKAL L., ŞİRVANCI S., ERCAN F., Kaya M.
JOURNAL OF SURGICAL RESEARCH, vol.152, no.2, pp.238-248, 2009 (Journal Indexed in SCI)
- XXXV. **Intra-amygdaloid injection of kainic acid in rats with genetic absence epilepsy: The relationship of typical absence epilepsy and temporal lobe epilepsy**
Gurbanova A. A. , Aker R., ŞİRVANCI S., Demiralp T., ONAT F.

JOURNAL OF NEUROSCIENCE, vol.28, no.31, pp.7828-7836, 2008 (Journal Indexed in SCI)

- XXXVI. **Evaluation of sleep quality in primary ciliary dyskinesia patients**
Oktem S., Erdem E., Senay R. E., Ersu R., Uyan Z. S., Karakoc F., Karadag B., Akpınar I., Sirvanci S., Dagli E.
ACTA PAEDIATRICA, vol.97, pp.67, 2008 (Journal Indexed in SCI)
- XXXVII. **Fibrillary glomerulonephritis: A report of two cases**
Cakalagaoglu F., ŞİRVANCI S., Sever Z. T., Arikan H., KAYA H.
VIRCHOWS ARCHIV, vol.452, 2008 (Journal Indexed in SCI)
- XXXVIII. **Quantitative analysis of ciliary ultrastructure in patients with primary ciliary dyskinesia**
ŞİRVANCI S., Uyan Z. S., ERCAN F., Karadag B., Ersu R., Karakoc F., Dagli E., San T.
ACTA HISTOCHEMICA, vol.110, no.1, pp.34-41, 2008 (Journal Indexed in SCI)
- XXXIX. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in rat hippocampus after status epilepticus**
Erkanli G., ERCAN F., ŞİRVANCI S., YANANLI H. R., ONAT F., San T.
NEUROLOGICAL RESEARCH, vol.29, no.8, pp.816-823, 2007 (Journal Indexed in SCI)
- XL. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in hippocampus after kainic acid injection in rat pups**
Erkanli G., Ercan F., Sirvanci S., Salik E., Yananli H. R., Onat F., San T.
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.25, pp.399-407, 2007 (Journal Indexed in SCI)
- XLII. **Effect of experimentally induced Escherichia coli epididymo-orchitis and ciprofloxacin treatment on rat spermatogenesis**
Demir A., Tuerker P., Oenol F. F., Sirvanci S., Findik A., Tarcan T.
INTERNATIONAL JOURNAL OF UROLOGY, vol.14, no.3, pp.268-272, 2007 (Journal Indexed in SCI)
- XLIII. **Mesh fixation devices and formation of intraperitoneal adhesions**
Memisoglu K., Saribeyoglu K., Pekmezci S., Karahasanoglu T., Sen B., Bayrak I., Arbak S., Sirvanci S.
JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES, vol.16, no.5, pp.439-444, 2006 (Journal Indexed in SCI)
- XLIV. **Effects of statins on experimental colitis in normocholesterolemic rats**
Jahovic N., Gedik N., Ercan F., Sirvanci S., Yuksel M., Sener G., Alican I.
SCANDINAVIAN JOURNAL OF GASTROENTEROLOGY, vol.41, no.8, pp.954-962, 2006 (Journal Indexed in SCI)
- XLV. **Synthesis and characterization of poly(ethylene glycol)-poly(D,L-lactide-co-glycolide) poly(ethylene glycol) tri-block co-polymers modified with collagen: a model surface suitable for cell interaction**
Porjazoska A., Yilmaz O. K., Baysal K., Cvetkovska M., Sirvanci S., Ercan F., Baysal B. M.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.17, no.3, pp.323-340, 2006 (Journal Indexed in SCI)
- XLVI. **L-Carnitine ameliorates methotrexate-induced oxidative organ injury and inhibits leukocyte death**
Sener G., Eksioglu-Demiralp E., Cetiner M., Ercan F., Sirvanci S., Gedik N., Yegen B.
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- XLVII. **Taurine protects against methotrexate-induced toxicity and inhibits leukocyte death**
Cetiner M., Sener G., Sehirli A., Eksioglu-Demiralp E., Ercan F., Sirvanci S., Gedik N., Akpulat S., Tecimer T., Yegen B.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.209, no.1, pp.39-50, 2005 (Journal Indexed in SCI)
- XLVIII. **Glutamate and GABA immunocytochemical electron microscopy in the hippocampal dentate gyrus of normal and genetic absence epilepsy rats**
Sirvanci S., Meshul C., Onat F., San T.
BRAIN RESEARCH, vol.1053, pp.108-115, 2005 (Journal Indexed in SCI)
- XLIX. **Early pulmonary involvement in Niemann-Pick type B disease: Lung lavage is not useful**
Uyan Z., Karadag B., Ersu R., Kiyani G., Kotiloglu E., Sirvanci S., Ercan F., Dagli T., Karakoc F., Dagli E.
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- XLX. **Protective effect of MESNA (2-mercaptoethane sulfonate) against hepatic ischemia/reperfusion injury in rats**
Sener G., Sehirli O., Ercan F., Sirvanci S., Gedik N., Kacmaz A.
SURGERY TODAY, vol.35, no.7, pp.575-580, 2005 (Journal Indexed in SCI)

- L. **Corneal perforation with minor trauma: Ehlers-Danlos syndrome type VI**
Cosar C., Ceyhan N., Sevim S., Sakaoglu N., Sirvanci S., San T., Kurtkaya O., Acar S.
OPHTHALMIC SURGERY LASERS & IMAGING, vol.36, no.4, pp.350-351, 2005 (Journal Indexed in SCI)
- LI. **Long-term administration of aqueous garlic extract (AGE) alleviates liver fibrosis and oxidative damage induced by biliary obstruction in rats**
Gedik N., Kabasakal L., Sehirli O., Ercan F., Sirvanci S., Keyer-Uysal M., Sener G.
LIFE SCIENCES, vol.76, no.22, pp.2593-2606, 2005 (Journal Indexed in SCI)
- LII. **Effect of aging on the distribution of basic fibroblast growth factor immunoreactive cells in the rat hippocampus**
Salik E., Ercan F., Sirvanci S., Cetinel S., Onat F., San T.
BRAIN RESEARCH BULLETIN, vol.64, pp.409-415, 2005 (Journal Indexed in SCI)
- LIII. **Aqueous garlic extract alleviates ischaemia-reperfusion-induced oxidative hepatic injury in rats**
Sener G., Sehirli O., Ipci Y., Ercan F., Sirvanci S., Gedik N., Yegen B.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.57, no.1, pp.145-150, 2005 (Journal Indexed in SCI)
- LIV. **FK506 to prevent lung injury after hindlimb ischemia and reperfusion in a rat model: An electron microscopic study**
Akgun S., Tekeli A., Isbir S., Civelek A., Ak K., Sirvanci S., Arbak S., Yaylim I., Arsan S.
SURGERY TODAY, vol.34, no.8, pp.678-684, 2004 (Journal Indexed in SCI)
- LV. **Immunocytochemical analysis of glutamate and GABA in hippocampus of genetic absence epilepsy rats (GAERS)**
Sirvanci S., Meshul C., Onat F., San T.
BRAIN RESEARCH, vol.988, pp.180-188, 2003 (Journal Indexed in SCI)
- LVI. **Effect of various nerve decompression procedures on the functions of distal limbs in streptozotocin-induced diabetic rats: Further optimism in diabetic neuropathy**
Kale B., Yuksel F., Celikoz B., Sirvanci S., Ergun O., Arbak S.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.111, no.7, pp.2265-2272, 2003 (Journal Indexed in SCI)
- LVII. **The ameliorating effect of melatonin on protamine sulfate induced bladder injury and its relationship to interstitial cystitis**
Cetinel S., Ercan F., Sirvanci S., Sehirli O., Ersoy Y., San T., Sener G.
JOURNAL OF UROLOGY, vol.169, no.4, pp.1564-1568, 2003 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The ameliorative effects of melatonin on acetic acid-induced gastric ulcer in rats via its modulatory effects on gut microbiota**
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CUKUROVA MEDICAL JOURNAL, vol.46, no.1, pp.186-200, 2021 (Journal Indexed in ESCI)
- II. **Gender differences in doublecortin expression in the dentate gyrus of the Wistar rat during development**
KAYA Ö. T., YILDIZ S. D., Levent N. H., GÜRLER E. B., ŞEHİRLİ Ü. S., ŞİRVANCI S.
Anatomy, vol.14, no.2, pp.111-116, 2020 (Other Refereed National Journals)
- III. **Assesment of doublecortin immunoreactivity onpostnatal 7th, 14th and 21st days in hippocampi ofWistar albino rats: a preliminary study**
KAYA Ö. T., YILDIZ S. D., Kandemir C., ŞEHİRLİ Ü. S., ŞİRVANCI S.
Anatomy, vol.12, no.2, pp.26-27, 2018 (Refereed Journals of Other Institutions)
- IV. **Effects of nesfatin-1 on necrotizing enterocolitis induced brain damage in newborn rats**
KARADENİZ CERİT K., KOYUNCUOĞLU T., YAĞMUR D., ANIL D., ŞİRVANCI S., DAĞLI E. T., YEGEN B.
Anatomy, vol.11, 2017 (Refereed Journals of Other Institutions)
- V. **Demonstration of Doublecortin Protein, a Neurogenesis Marker, at the Electron Microscopic Level**
KAYA Ö. T., Moore C., Meshul C., ŞİRVANCI S.

CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.7, no.1, pp.6-10, 2017 (Journal Indexed in ESCI)

- VI. **An Analysis of Ultrastructure of the Hair of Children Treated With Valproic Acid**
ÇARMAN K. B. , ŞİRVANCI S., GÜRSOY D., ÇARMAN E., YARAR C.
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