

Prof. SERAP ŞİRVANCI

Personal Information

Email: ssirvanci@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/ssirvanci>

International Researcher IDs

ORCID: 0000-0001-7683-4587

Yoksis Researcher ID: 173092

Education Information

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

Undergraduate, 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 immünohistokimya, histokimyasal Timm's metodu, Marmara University, School of Medicine, Basic Medical Sciences, 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

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

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

Şirvanci S., Kindling uygulanmış wistar ve genetik absans epilepsili sıçanlarda nöroenezin incelenmesi, Postgraduate, C.KANDEMİR(Student), 2018

Şirvanci S., Kindling uyarısı alan wistar ve genetik absans epilepsili sıçanların (gaers) korteks dokularında ince-yapısal gama-aminobütirik asit immünsitokimyası, Postgraduate, F.BÖLÜKBAŞI(Student), 2016

Şirvanci S., Wistar ve genetik absans epilepsili (GAERS) sıçanların testis dokusunda gama-aminobütirik asit immünreaktivitesinin incelenmesi, Postgraduate, D.GÜRSOY(Student), 2015

Şirvanci S., Wistar ve genetik absans epilepsili sıçanlarda nöroenez belirteci olan doublecortin ile gama-aminobütirik asit immünreaktivitesinin elektron mikroskopik olarak incelenmesi, Doctorate, Ö.TUĞÇE(Student), 2015

Şirvanci S., Kindling uyarısı alan genetik absans epilepsili sıçanlarda hipokampal mossy terminallerinde elektron mikroskopik gaba değerlendirmesi, Expertise In Medicine, N.NÜKHET(Student), 2013

Şirvanci S., Kronik strese maruz bırakılan sıçanlarda mesane hasarı üzerine alfa-lipoik asit etkisinin araştırılması: Histokimyasal çalışma, Postgraduate, N.YURDAKUL(Student), 2010

ŞİRVANCI S., Kronik strese maruz bırakılan sıçanlarda mesane hasarı üzerine Alfa-Lipoik asit etkisinin araştırılması: Histokimyasal çalışma, Postgraduate, N.Yurdakul(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of perinatal and postnatal thiamine deficiency on auditory pathway of the Wistar-Albino rats**
Gür Ö. E., Yılmaz N. D. S., Ensari N., Senirli R. T., GÜLMEZ Z. D., KAYA Ö. T., ŞİRVANCI S., Danışman B., DERİN N., Yılmaz M. D.
Brazilian Journal of Otorhinolaryngology, vol.89, no.2, pp.305-312, 2023 (SCI-Expanded)
- II. **Loop nerve graft prefabrication for peripheral nerve defect reconstruction**
Oksuz S., Eren F., Cesur C., AÇIKEL ELMAS M., ŞİRVANCI S.
ULUSAL TRAVMA VE ACIL CERRAHI DERGİSİ-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.28, no.8, pp.1043-1051, 2022 (SCI-Expanded)
- III. **Effect of Tacrolimus on Peripheral Nerve Regeneration in Allograft Transplantation: A Light and Electron Microscopic Study.**
Cilingir-Kaya Ö. T., Sumer O., Sirvanci S., Gurler E. B., Akcal A., Karsidag S.
Experimental and clinical transplantation : official journal of the Middle East Society for Organ Transplantation, vol.19, pp.1322-1327, 2021 (SCI-Expanded)
- IV. **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, vol.53, no.10, 2021 (SCI-Expanded)
- V. **Gamma-Amino Butyric Acid Immunoreactivity in the Testis Tissue of Wistar and Genetic Absence Epilepsy Rats**
GÜRSOY D., KAYA Ö. T., ŞİRVANCI S.
International Journal Of Morphology, vol.39, no.6, pp.1709-1718, 2021 (SCI-Expanded)
- VI. **Repeated Atmospheric Pressure Alteration Effect on the Cochlea in Rats: Experimental Animal Study**
Eroglu S., Dizdar H. T., Cevizci R., Cengiz A. B., Ogreden S., Bulut E., Ilgezdi S., Dilci A., Ustun S., Sirvanci S., et al.
AEROSPACE MEDICINE AND HUMAN PERFORMANCE, vol.92, no.7, pp.550-555, 2021 (SCI-Expanded)
- VII. **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, vol.83, pp.272-279, 2021 (SCI-Expanded)

- VIII. **Electromagnetic Waves from Mobile Phones may Affect Rat Brain During Development**
AKAKIN D., Tok O. E., Anil D., Akakin A., ŞİRVANCI S., Sener G., ERCAN F.
TURKISH NEUROSURGERY, vol.31, no.3, pp.412-421, 2021 (SCI-Expanded)
- IX. **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 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **Ultrastructural GABA immunogold labeling in the substantia nigra pars reticulata of kindled genetic absence epilepsy rats**
ŞİRVANCI S., AKAKIN D., Idrizoglu M., KAYA Ö. T., KARAMAHMUTOĞLU T., Asik Z. N. T., ONAT F.
ULTRASTRUCTURAL PATHOLOGY, vol.44, no.4-6, pp.379-386, 2020 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **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 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **Regular Swimming Exercise in Rats Alleviates Gastric Ulcer-Induced Oxidative Stress by an Oxytocinmediated 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 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)

- XXI. **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 (SCI-Expanded)
- XXII. **Neuroprotective Effect of Erythropoietin on PhenylhydrazineInduced 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 (SCI-Expanded)
- XXIII. **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 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **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 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **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 (SCI-Expanded)
- XXIX. **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., Şirvanci S.
Epilepsia, vol.56, pp.3-262, 2015 (SCI-Expanded)
- XXX. **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 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- XXXIII. **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 (SCI-Expanded)
- XXXIV. **Synaptic organization of the rat thalamus: a quantitative study**
ÇAVDAR S., Hacıoglu H., ŞİRVANCI S., KESKİNOZ E. N., ONAT F.

NEUROLOGICAL SCIENCES, vol.32, no.6, pp.1047-1056, 2011 (SCI-Expanded)

- XXXV. **Glutamic Acid Decarboxylase Immunoreactivity in the Mossy Fiber Terminals of the Hippocampus of Genetic Absence Epileptic Rats**
Şirvancı S., Canillioğlu Y., Akakin D., Midillioglu S., Yıldız S. D., Onat F., San T.
TURKISH NEUROSURGERY, vol.21, pp.499-503, 2011 (SCI-Expanded)
- XXXVI. **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., Ilgazlı A.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.31, no.3, pp.559-567, 2011 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **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 (SCI-Expanded)
- XXXIX. **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 (SCI-Expanded)
- XL. **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 (SCI-Expanded)
- XLI. **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., Akpinar I., Sirvanci S., Dagli E.
ACTA PAEDIATRICA, vol.97, pp.67, 2008 (SCI-Expanded)
- XLII. **Fibrillary glomerulonephritis: A report of two cases**
Cakalagaoglu F., ŞİRVANCI S., Sever Z. T., Arıkan H., KAYA H.
VIRCHOWS ARCHIV, vol.452, 2008 (SCI-Expanded)
- XLIII. **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 (SCI-Expanded)
- XLIV. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in rat hippocampus after status epilepticus**
Erkanlı G., ERCAN F., ŞİRVANCI S., YANANLI H. R., ONAT F., San T.
NEUROLOGICAL RESEARCH, vol.29, no.8, pp.816-823, 2007 (SCI-Expanded)
- XLV. **Time-dependent changes in distribution of basic fibroblast growth factor immunoreactive cells in hippocampus after kainic acid injection in rat pups**
Erkanlı G., Ercan F., Sirvanci S., Salik E., Yananlı H. R., Onat F., San T.
INTERNATIONAL JOURNAL OF DEVELOPMENTAL NEUROSCIENCE, vol.25, pp.399-407, 2007 (SCI-Expanded)
- XLVI. **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 (SCI-Expanded)
- XLVII. **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 (SCI-Expanded)
- XLVIII. **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 (SCI-Expanded)

- XLIX. **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 (SCI-Expanded)
- L. **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.
CELL BIOLOGY AND TOXICOLOGY, vol.22, no.1, pp.47-60, 2006 (SCI-Expanded)
- LI. **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 (SCI-Expanded)
- LII. **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 (SCI-Expanded)
- LIIL. **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.
PEDIATRIC PULMONOLOGY, vol.40, no.2, pp.169-172, 2005 (SCI-Expanded)
- LIV. **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 (SCI-Expanded)
- LV. **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 (SCI-Expanded)
- LVI. **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 (SCI-Expanded)
- LVII. **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 (SCI-Expanded)
- LVIII. **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 (SCI-Expanded)
- LIX. **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 (SCI-Expanded)
- LX. **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 (SCI-Expanded)
- LXI. **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 (SCI-Expanded)
- LXII. **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.

Articles Published in Other Journals

- I. **The Effect of Melanocortin 4 Receptor Agonist RM-493 on Cognitive Functions in Rats Fed with Western Diet**
Aslan B., Karakaya B., ŞİRVANCI S., YILDIRIM A.
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