

Personal Information

Office Phone: [+90 442 231 8734](tel:+904422318734)

Web: <https://avesis.atauni.edu.tr/erol.akpinar>

Post Adress: Atatürk Üniversitesi Tıp fakültesi morfoloji binası Farmakoloji ABD. Yakutiye ERZURUM

Education Information

Doctorate, Atatürk Üniversitesi, Sağlık Bilimleri Enstitüsü, Turkey 1994 - 2003

Under Graduate, Atatürk Üniversitesi, Tıp Fakültesi, Turkey 1982 - 1989

Dissertations

Doctorate, RATLARDA OLUŞTURULAN DENEYSEL İNFLAMASYON MODELLERİNDE L TİPİ KALSİYUM KANAL BLOKÖRLERİNİN ETKİLERİ, Atatürk Üniversitesi, Tıp Fakültesi, Farmakoloji , 2003

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology

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

- **The effects of Beeswax, Olive oil and Butter impregnated bandage on burn wound healing**
BAYIR Y., ÜN H., UĞAN R. A. , AKPINAR E., ÇADIRCI E., Calik I., HALICI Z.
BURNS, vol.45, pp.1410-1417, 2019 (Journal Indexed in SCI)
- **Urotensin receptors as a new target for CLP induced septic lung injury in mice**
ÇADIRCI E., UĞAN R. A. , DİNCER B., GÜNDOĞDU B., Cinar I., AKPINAR E., HALICI Z.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.392, pp.135-145, 2019 (Journal Indexed in SCI)
- **Preventive Effect of Nimesulide on Ketamine Induced Cardiotoxicity and the Useful Interaction of Nimesulide with Ketamine**
MAMMADOV R., AKPINAR E., COŞKUN R., SÜLEYMAN H., Gul M. A. , KUYRUKLUYILDIZ U.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.38, pp.63-72, 2019 (Journal Indexed in SCI)
- **Effects of Aliskiren, an RAAS inhibitor, on a carrageenan-induced pleurisy model of rats**
BAYIR Y., Ün H., ÇADIRCI E., AKPINAR E., Diyarbakir B., Calik I., HALICI Z.
ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.91, 2019 (Journal Indexed in SCI)
- **The Effects Of FK506 With Akt Inhibitor On Pdgf Induced A549 Cell Proliferation**
ÜN H., BAYIR Y., ÇADIRCI E., AKPINAR E., ALBAYRAK A., PALABIYIK Ş. S. , HALICI Z.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.48, pp.74, 2018 (Journal Indexed in SCI Expanded)
- **The effects of apomorphine on paracetamol-induced hepatotoxicity in rats**
Şehitoğlu M. H. , Yaşla M., Kiraz A., Öztöpuz R. Ö. , BAYIR Y., Karaza T., Khalid S., AKPINAR E.
CELLULAR AND MOLECULAR BIOLOGY, vol.63, pp.40-44, 2017 (Journal Indexed in SCI Expanded)
- **The effects of apomorphine on paracetamol-induced hepatotoxicity in rats**
Şehitoğlu M. H. , Yaşla M., Kiraz A., Öztöpuz R. Ö. , BAYIR Y., Karaza T., Khalid S., AKPINAR E.
CELLULAR AND MOLECULAR BIOLOGY, vol.63, pp.40-44, 2017 (Journal Indexed in SCI Expanded)
- **Serum nesfatin-1 levels: a potential new biomarker in patients with subarachnoid hemorrhage**
ÇAKIR M., ÇALIKOĞLU Ç., Yılmaz A., AKPINAR E., BAYRAKTUTAN Z., TOPCU A.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.127, pp.154-160, 2017 (Journal Indexed in SCI)

- **The Effects of Argan Oil in Second-degree Burn Wound Healing in Rats**

Avsar U., HALICI Z., AKPINAR E., Yayla M., AVSAR U., Un H., Tarik A. H. , BAYRAKTUTAN Z.
OSTOMY WOUND MANAGEMENT, vol.62, pp.26-34, 2016 (Journal Indexed in SCI)

- **Is there any correlation between levels of serum osteopontin, CEA, and FDG uptake in lung cancer patients with bone metastasis?**

Ayan A. K. , ERDEMCİ B., Orsal E., Bayraktutan Z., AKPINAR E., Topcu A., Turkeli M., Seven B.
REVISTA ESPANOLA DE MEDICINA NUCLEAR E IMAGEN MOLECULAR, vol.35, pp.102-106, 2016 (Journal Indexed in SCI)

- **The Role of Urotensin Receptors in the Paracetamol-Induced Hepatotoxicity Model in Mice: Ameliorative Potential of Urotensin II Antagonist**

PALABIYK S. S. , Karakus E., AKPINAR E., HALICI Z., BAYIR Y., YAYLA M., KÖSE D.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.118, pp.150-159, 2016 (Journal Indexed in SCI)

- **The double-edged sword: effects of pregabalin on experimentally induced sciatic nerve transection and crush injury in rats**

Çelik M., Köse A., Köse D., Karakus E., Akpinar E., Çalık M., Dostbil A., Çalıkoğlu Ç., Aksoy M., Ozel L.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.125, pp.845-854, 2015 (Journal Indexed in SCI)

- **PROTECTIVE ROLE OF INTERFERON-B IN EXPERIMENTALLY INDUCED PERIPHERAL NERVE INJURY IN RATS**

ÇAKIR M., ZENGİN S., ÇALIKOĞLU Ç., AKPINAR E., DEMİR R., ÜNAL D., KADIOĞLU H. H.
Acta Medica Mediterranea, vol.31, pp.973-979, 2015 (Journal Indexed in SCI Expanded)

- **What is the role of bosentan in healing of femur fractures in a rat model?**

AYDIN A., HALICI Z., AKPINAR E., AKSAKAL A. M. , Saritemur M., YAYLA M., Kunak C. S. , ÇADIRCI E., Atmaca H. T. , KARCIOGLU S. S.
JOURNAL OF BONE AND MINERAL METABOLISM, vol.33, pp.496-506, 2015 (Journal Indexed in SCI)

- **The Effects of RAAS Inhibition in Rate Limiting Step by Aliskiren on Testicular Torsion Injury in Rats**

Un H., BAYIR Y., HALICI Z., AKPINAR E., Karakus E., Oral A., Ziyap T., SELLİ J.
JOURNAL OF UROLOGY, vol.194, pp.828-833, 2015 (Journal Indexed in SCI)

- **The lung endothelin system: a potent therapeutic target with bosentan for the amelioration of lung alterations in a rat model of diabetes mellitus**

CAYIR A., UĞAN R. A. , ALBAYRAK A., KÖSE D., AKPINAR E., ÇAYIR Y., Atmaca H. T. , BAYRAKTUTAN Z., KARA M.
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.38, pp.987-998, 2015 (Journal Indexed in SCI)

- **Renoprotective effect of aliskiren on renal ischemia/reperfusion injury in rats: electron microscopy and molecular study.**

Ziyap T., HALICI Z., ALKAN E., AKPINAR E., Polat B., ADANUR Ş., ÇADIRCI E., FERAH I., BAYIR Y., Karakus E., et al.
Renal failure, vol.37, pp.343-54, 2015 (Journal Indexed in SCI Expanded)

- **Tnf-alpha inhibition by infliximab as a new target for the prevention of glycerol-contrast-induced nephropathy**

Saritemur M., Un H., ÇADIRCI E., Karakus E., AKPINAR E., HALICI Z., UGAN R. A. , KARAMAN A., Atmaca H. T.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.39, pp.577-588, 2015 (Journal Indexed in SCI)

- **Does Bosentan Protect Diabetic Brain Alterations in Rats? The Role of Endothelin-1 in the Diabetic Brain**

Demir R., ÇADIRCI E., AKPINAR E., ÇAYIR Y., Atmaca H. T. , Un H., Kunak C. S. , YAYLA M., BAYRAKTUTAN Z., Demir I.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.116, pp.236-243, 2015 (Journal Indexed in SCI)

- **PROTECTIVE ROLE OF INTERFERON-B IN EXPERIMENTALLY INDUCED PERIPHERAL NERVE INJURY IN RATS**

ÇAKIR M., Zengin S., ÇALIKOĞLU Ç., AKPINAR E., DEMİR R., ÜNAL D., KADIOĞLU H. H.
ACTA MEDICA MEDITERRANEA, vol.31, pp.973-979, 2015 (Journal Indexed in SCI)

- **Protective effects of alpha-lipoic acid on experimental sciatic nerve crush injury in rats: assessed with functional, molecular and electromicroscopic analyses**

Demir R., YAYLA M., Akpinar E., Cakir M., Calikoglu C., Ozel L., Ozdemir G., MERCANTEPE T.

INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.124, pp.935-943, 2014 (Journal Indexed in SCI)

- **Treatment with α -lipoic acid enhances the bone healing after femoral fracture model of rats.**
AYDIN A., HALICI Z., AKOZ A., KARAMAN A., FERAH I., BAYIR Y., AKSAKAL A. M. , AKPINAR E., SELLİ J., KOVACI H.
Naunyn-Schmiedeberg's archives of pharmacology, vol.387, pp.1025-36, 2014 (Journal Indexed in SCI Expanded)
- **What is the role of renin inhibition during rat septic conditions: preventive effect of aliskiren on sepsis-induced lung injury**
AKPINAR E., HALICI Z., ÇADIRCI E., BAYIR Y., Karakus E., Calik M., TOPCU A., Polat B.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.387, pp.969-978, 2014 (Journal Indexed in SCI)
- **Can early myocardial infarction-related deaths be diagnosed using postmortem urotensin receptor expression levels?**
SENER M. T. , KARAKUS E., Halici Z., AKPINAR E., TOPCU A., KOK A. N.
Forensic science, medicine, and pathology, vol.10, pp.395-400, 2014 (Journal Indexed in SCI)
- **The ocular endothelin system: A novel target for the treatment of endotoxin-induced uveitis with bosentan**
KELEŞ S., HALICI Z., Atmaca H. T. , YAYLA M., YILDIRIM K., Ekinci M., AKPINAR E., Altuner D., Cakici O., Bayraktutan Z.
Investigative Ophthalmology and Visual Science, vol.55, pp.3517-3524, 2014 (Journal Indexed in SCI)
- **Protective effect of Et-1 receptor antagonist bosentan on paracetamol induced acute liver toxicity in rats**
YAYLA M., HALICI Z., Unal B., BAYIR Y., AKPINAR E., GÖÇER F.
European Journal of Pharmacology, vol.726, pp.87-95, 2014 (Journal Indexed in SCI)
- **Role of polymorphonuclear leukocyte infiltration in the mechanism of anti-inflammatory effect of amiodarone**
Ozbakis-Dengiz G., HALICI Z., Akpinar E., ÇADIRCI E., BILICI D., Gursan N.
Pharmacological Reports, vol.59, pp.538-544, 2007 (Journal Indexed in SCI)
- **Protective effect of melatonin in carrageenan-induced acute local inflammation**
Bilici D., AKPINAR E., KIZILTUNÇ A.
Pharmacological Research, vol.46, pp.133-139, 2002 (Journal Indexed in SCI)

Articles Published in Other Journals

- **An investigation of postmortem urotensin II receptor levels in brain and kidney tissues in a rat model of cardiac ischemia**
ŞENER M. T. , AKPINAR E., ÇADIRCI E., HALICI Z., ÇINAR İ., KÖK A. N.
Journal of Forensic Science and Medicine, vol.4, pp.1, 2018 (Refereed Journals of Other Institutions)
- **Does Intramuscular Injection into Paralyzed Tissue in Rats Alter the Absorption of Drugs An Experimental Multidisciplinary Study**
İPEK ÇOBAN G., BALCI AKPINAR R., Çoban M. K. , AKPINAR E., ATİLA A., KADIOĞLU Y., YAMAN M. E.
International Journal of Caring Science, vol.9, pp.1084-1089, 2016 (Refereed Journals of Other Institutions)
- **DOES INTRAMUSCULAR INJECTION INTO PARALYZED TISSUE IN RATS ALTER THE ABSORPTION OF DRUGS AN EXPERIMENTAL MULTIDICPLINARY STUDY**
İPEK ÇOBAN G., BALCI AKPINAR R., ÇOBAN M. K. , AKPINAR E., ATİLLA A., KADIOĞLU Y.
INTERNATIONAL JOURNAL OF CARING SCIENCES, 2016 (Refereed Journals of Other Institutions)
- **Comparative study on effects of nebulized and oral salbutamol on a cecal ligation and puncture-induced sepsis model in rats.**
OZOGUL B., Halici Z., CADIRCI E., KARAGOZ E., BAYRAKTUTAN Z., YAYLA M., AKPINAR E., ATAMANALP S. S. , UNAL D., KARAMESE M.
Drug research, vol.65, pp.192-8, 2015 (Journal Indexed in ESCI)
- **Ürotensin ve Ürotensin Reseptörlerinin Kardiyovasküler Sistemdeki Önemi**
KÖSE D., AKPINAR E.
Journal of Clinical and Analytical Medicine, 2014 (Other Refereed National Journals)
- **İnflamasyon ve nonsteroid antiinflamatuvar ilaçların etki mekanizması**

Refereed Congress / Symposium Publications in Proceedings

- **The effects of FK506 with Akt inhibitor on PDGF induced A549 cell proliferation**
ÜN H., BAYIR Y., ÇADIRCI E., AKPINAR E., ALBAYRAK A., PALABYK Ş. S. , HALICI Z.
International Biochemistry Congress - 29th National Biochemistry Congress (NBC 2018), 26 - 30 October 2018
- **INVESTIGATION OF EFFECTS OF FAGOPYRUM ESCULENTUM METHANOL EXTRACT IN HT-29 HUMAN COLORECTAL ADENOCARCINOMA CELLS**
DEMİRKAYA A. K. , GÜNDOĞDU G., Nalci K. a. , DEMİRKAYA MİLOĞLU F., YILMAZ TAŞCI Ş., AKPINAR E., Hacimuftuoglu A.
3RD INTERNATIONAL CONGRESS OF TURKISH NEUROENDOCRINOLOGY SOCIETY, 29 June - 01 July 2018
- **Investigation of effects of fagopyrum esculentum methanol extract in HT-29 human colorectal adenocarcinoma cells**
DEMİRKAYA A. K. , GÜNDOĞDU G., NALCI K. A. , DEMİRKAYA MİLOĞLU F., YILMAZ TAŞCI Ş., AKPINAR E., HACİMÜFTÜOĞLU A.
3RD INTERNATIONAL CONGRESS OF TURKISH NEUROENDOCRINOLOGY SOCIETY, 29 June - 01 July 2018
- **5-HT7 Reseptörlerinin Prostat Kanseri Hücre Hattında Hücre Proliferasyonu ve Apoptoz Üzerine Etkilerinin İncelenmesi**
ÇINAR İ., HALICI Z., DİYARBAKIR B., PALABYK Ş. S. , AKPINAR E., ÇADIRCI E.
Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018
- **Neuroprotective Effect of EGCG on Aluminum Altered Hippocampal NMDA Receptor 1 and 2A/2B Expression in Rats**
PALABYK Ş. S. , ZEYBEK N. D. , AKPINAR E., ZIRH E. B. , SİPAHİ H., HALICI Z.
57th Annual Meeting of the Society of Toxicology, 11 - 15 March 2018
- **Bir Raas İnhibitörü Olan Aliskiren'in Ratlarda Karagenin ile İndüklenmiş Plörezi Üzerine Etkileri**
BAYIR Y., ÜN H., ÇADIRCI E., AKPINAR E., DİYARBAKIR B., ÇALIK İ., HALICI Z.
International Biochemistry Congress – 2017 /28 th National Biochemistry Congress 19 – 23 Eylül / September 2017, Ataturk University, Erzurum, 19 - 23 September 2017
- **The protective role of epigallocatechin-3-gallate in aluminum induced neurotoxicity in rats: Focus on apoptosis.**
PALABYK Ş. S. , ZEYBEK N. D. , AKPINAR E., BAHADOR ZIRH E., SİPAHİ H., HALICI Z.
15th International Congress of Histochemistry and cytochemistry "From molecules to diseases, Antalya, Turkey, 18 - 21 May 2017
- **The effects of RAAS inhibition in rate limiting step by aliskiren on testicular torsion injury in rats**
ÜN H., BAYIR Y., HALICI Z., AKPINAR E., KARAKUŞ E., ORAL A., ZİYPAK T., SELLİ J.
41st FEBS congress, 3 - 08 September 2016
- **The investigation of the effect of ebselen in CLP cecal ligation and puncture induced sepsis model in rats A biochemical study**
POLAT B., ÇADIRCI E., BAKRAKTUTAN Z., ALBAYRAK A., AKPINAR E., ARSLAN H.
9th INTERNATIONAL CONGRESS OF THE TURKISH SOCIETY OF TOXICOLOGY WITH PARTICIPATION OF THE HELLENIC SOCIETY OF TOXICOLOGY, 21 - 24 October 2015
- **investigation of the blood concentration levels after intramuscularly diclofenac sodium injection on paralysis tissue of rats**
İPEK ÇOBAN G., BALCI AKPINAR R., mustafa kemal ç., AKPINAR E., KADIOĞLU Y., ATİLA A., YAMAN M. E.
ENDA WANS, 13 - 17 October 2015
- **Investigation Of The Blood Concentration Levels After Intramuscularly Diclofenac Sodium Injection On Paralysis Tissue Of Rats**
İPEK ÇOBAN G., BALCI AKPINAR R., ÇOBAN M. K. , AKPINAR E., ATİLA A., KADIOĞLU Y., YAMAN M. E.
ENDA & WANS Congress, Hannover, Germany, 14 - 17 October 2015

- **Is There Any Correlation Between Serum Osteopontin CEA Levels and FDG Uptake in Bone Metastasis in Lung Cancer**

AYAN A. K. , ERDEMCİ B., ÖRSAL E., BAYRAKTUTAN Z., AKPINAR E., TOPÇU A., TÜRKELİ M., SEVEN B.
28th Annual Congress of the European-Association-of-Nuclear-Medicine (EANM), 10 - 14 October 2015

Supported Projects

AKPINAR E., TSATSAKİS A. M. , SEVİM Ç., Project Supported by Higher Education Institutions, Probiyotiklerin Kronik Neonikotinoid (Acetamiprid Imidacloprid) Toksisitesi Üzerine Etkilerinin Ratlarda Araştırılması, 2018 - 2019
AKPINAR E., Project Supported by Higher Education Institutions, RATLARDA PARASETAMOLLE İNDÜKLENEN AKUT KARACİĞER TOKSİSİTESİNDE ÜROTENSİN 2'NİN ROLÜ VE ÜROTENSİN 2 ANTAGONİSTİ URANTİDE'NİN KORUYUCU ETKİSİNİN ARAŞTIRILMASI, 2013 - 2014

Citations

Total Citations (WOS):201

h-index (WOS):8