

Prof. ALPER BEKTAŞ İSKİT

Personal Information

Email: alperi@hacettepe.edu.tr

Education Information

Expertise In Medicine, Hacettepe Üniversitesi, Tıp Fakültesi, Tıbbi Farmakoloji, Turkey 1994 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İn vivo iskemi reperfüzyon aritmi modelinde nitrik oksit, endotelin ve serbest radikallerin rolü, Hacettepe Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1997

Research Areas

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

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2007 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2012 - 2015

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

- I. **Celecoxib administration reduced mortality, mesenteric hypoperfusion, aortic dysfunction and multiple organ injury in septic rats**
Ozer E. K. , Goktas M. T. , KILINÇ İ., Bariskaner H., UĞURLUOĞLU C., İSKİT A. B.
BIOMEDICINE & PHARMACOTHERAPY, vol.86, pp.583-589, 2017 (Journal Indexed in SCI)
- II. **Effects of endothelin and nitric oxide on cardiac muscle functions in experimental septic shock model.**
Ozer E., Iskit A. B.
Human & experimental toxicology, vol.35, pp.267-75, 2016 (Journal Indexed in SCI)
- III. **The effects of aspirin, flurbiprofen, and NO-donating acetylsalicylic acid (NCX 4016) on mice models of endotoxic and septic shock.**

Ulu N., Iskit A. B. , Sökmensüer C., Güç M.

Turkish journal of medical sciences, vol.45, pp.812-9, 2015 (Journal Indexed in SCI)

- IV. **Cationic core-shell nanoparticles for intravesical chemotherapy in tumor-induced rat model: Safety and efficacy**
ERDOĞAR N., İSKİT A. B. , EROĞLU H., SARGON M. F. , Mungan N. A. , BİLENSOY E.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.471, pp.1-9, 2014 (Journal Indexed in SCI)
- V. **Dexamethasone effects on vascular flow and organ injury in septic mice.**
Aytac H., Iskit A. B. , Sayek I.
The Journal of surgical research, vol.188, pp.496-502, 2014 (Journal Indexed in SCI)
- VI. **Role of CXCR1 (CKR-1) in inflammation of experimental mesangioproliferative glomerulonephritis.**
Ozaltin F., Besbas N., Iskit A. B. , Cil O., Akcoren Z., Kale G., Bakkaloglu A.
Renal failure, vol.35, pp.380-5, 2013 (Journal Indexed in SCI)
- VII. **The role of adenosine receptors on amitriptyline-induced electrophysiological changes on rat atrium.**
Kalkan S., Oransay K., Bal I., Ertunc M., Sara Y., Iskit A. B.
Human & experimental toxicology, vol.32, pp.62-9, 2013 (Journal Indexed in SCI)
- VIII. **Endothelial dysfunction and increased responses to renal nerve stimulation in rat kidneys during rhabdomyolysis-induced acute renal failure: Role of hydroxyl radical**
Cil O., Ertunc M., Gucer K. Ş. , Ozaltin F., Iskit A. B. , Onur R.
Renal Failure, vol.34, no.2, pp.211-220, 2012 (Journal Indexed in SCI Expanded)
- IX. **Additional Experimental Evidence That Statins Protect Against Acute Lung Injury response**
Altintas N. D. , ATILLA P., İSKİT A. B. , Topeli A.
RESPIRATORY CARE, vol.57, no.2, pp.331-332, 2012 (Journal Indexed in SCI)
- X. **Long-term simvastatin attenuates lung injury and oxidative stress in murine acute lung injury models induced by oleic acid and endotoxin**
Altintas N., Atilla P., Iskit A. B. , Topeli A.
Respiratory Care, vol.56, no.8, pp.1156-1163, 2011 (Journal Indexed in SCI Expanded)
- XI. **Effect of tempol, a membrane-permeable radical scavenger, on mesenteric blood flow and organ injury in a murine cecal ligation and puncture model of septic shock.**
Yuksel B., Serdar S., Tuncel A., Uzun N., Ataoglu O., Atan A., Hengirmen S., Iskit A. B. , Guc M.
European surgical research. Europaische chirurgische Forschung. Recherches chirurgicales europeennes, vol.43, pp.219-27, 2009 (Journal Indexed in SCI)
- XII. **The effects of L-NG-nitroarginine in a zymosan-induced multiple organ dysfunction syndrome model.**
Ozel H., Yuksel B., Berkem H., Avsar F., Guler G., Iskit A. B. , Guc M., Hengirmen S.
European surgical research. Europaische chirurgische Forschung. Recherches chirurgicales europeennes, vol.43, pp.211-8, 2009 (Journal Indexed in SCI)
- XIII. **Effect of intraarticular injection of lornoxicam on the articular cartilage & synovium in rat**
Saricaoglu F., Dal D., Atilla P., Iskit A. B. , Tarhan O., Aşan E., Aypar U.
Indian Journal of Medical Research, vol.127, no.4, pp.362-365, 2008 (Journal Indexed in SCI)
- XIV. **The effect of taurine on mesenteric blood flow and organ injury in sepsis**
Erdem A., Sevgili A., Akbiyik F., Atilla P., Cakar N., Balkanci Z., Iskit A. B. , Guc M.
Amino Acids, vol.35, no.2, pp.403-410, 2008 (Journal Indexed in SCI Expanded)
- XV. **Chemical preconditioning effect of 3-nitropropionic acid in anesthetized rat heart.**
Turan N., Basgut B., Aypar E., Ark M., Iskit A. B. , Cakici I.
Life sciences, vol.82, pp.928-33, 2008 (Journal Indexed in SCI)
- XVI. **Tezosentan Attenuates Organ Injury and Mesenteric Blood Flow Decrease in Endotoxemia and Cecal Ligation and Puncture**
Erdem A., Meltem S., Akbiyik F., Atilla P., Cakar N., Balkanci Z., Iskit A. B. , Guc M.
Journal of Surgical Research, vol.141, no.2, pp.211-219, 2007 (Journal Indexed in SCI Expanded)
- XVII. **Abdominal distention and peritoneal effusion in a female Swiss albino mouse.**
Kosemehmetoglu K., Ulu N., Iskit A. B. , Arikan P. F. , Sokmensuer C., Onur R., Guc M. O.

- Lab animal, vol.36, no.2, pp.18-21, 2007 (Journal Indexed in SCI Expanded)
- XVIII. **Glibenclamide attenuates the antiarrhythmic effect of endotoxin with a mechanism not involving K(ATP) channels.**
Iskit A. B. , Erkent U., Ertunc M., Guc M., Ilhan M., Onur R.
Vascular pharmacology, vol.46, pp.129-36, 2007 (Journal Indexed in SCI)
- XIX. **Rhabdomyolysis in a patient treated with colchicine and atorvastatin.**
Tufan A., Dede D., Cavus S., Altintas N., Iskit A. B. , Topeli A.
The Annals of pharmacotherapy, vol.40, pp.1466-9, 2006 (Journal Indexed in SCI Expanded)
- XX. **The effect of nitric oxide on fentanyl and haloperidol-induced catalepsy in mice.**
Erkent U., Iskit A. B. , Onur R., Ilhan M.
European journal of anaesthesiology, vol.23, pp.580-5, 2006 (Journal Indexed in SCI)
- XXI. **The involvement of nitric oxide on the analgesic effect of tramadol.**
Dal D., Salman M., Salman A., Iskit A. B. , Aypar U.
European journal of anaesthesiology, vol.23, pp.175-7, 2006 (Journal Indexed in SCI)
- XXII. **The effect of ketamine on acute muscular ischaemia reperfusion in rats.**
Salman A., Dal D., Salman M., Iskit A. B. , Aypar U.
European journal of anaesthesiology, vol.22, pp.712-6, 2005 (Journal Indexed in SCI)
- XXIII. **Endothelin receptor antagonist bosentan improves survival in a murine caecal ligation and puncture model of septic shock.**
Iskit A. B. , Senel I., Sokmensuer C., Guc M.
European journal of pharmacology, vol.506, pp.83-8, 2004 (Journal Indexed in SCI)
- XXIV. **Chitosan delivery systems for the treatment of oral mucositis: in vitro and in vivo studies.**
Aksungur P., Sungur A., Unal S., Iskit A. B. , Squier C., Senel S.
Journal of controlled release : official journal of the Controlled Release Society, vol.98, no.2, pp.269-79, 2004 (Journal Indexed in SCI Expanded)
- XXV. **A new therapeutic approach for the treatment of sepsis.**
Iskit A. B. , Guc M.
Medical hypotheses, vol.62, pp.342-5, 2004 (Journal Indexed in SCI)
- XXVI. **The effects of nitric oxide synthase blockers on mesenteric blood flow with bile duct ligation.**
Yuksel B., Tanriverdi P., Ozel H., Avsar F., Topaloglu S., Iskit A. B.
Hepato-gastroenterology, 2003 (Journal Indexed in SCI Expanded)
- XXVII. **Effects of endothelin and nitric oxide on organ injury, mesenteric ischemia, and survival in experimental models of septic shock.**
Iskit A. B. , Guc O.
Acta pharmacologica Sinica, vol.24, pp.953-7, 2003 (Journal Indexed in SCI)
- XXVIII. **The timing of endothelin and nitric oxide inhibition affects survival in a mice model of septic shock.**
Iskit A. B. , Guc M.
European journal of pharmacology, vol.414, pp.281-7, 2001 (Journal Indexed in SCI)
- XXIX. **Melatonin modulates mesenteric blood flow and TNFalpha concentrations after lipopolysaccharide challenge.**
Baykal A., Iskit A. B. , Hamaloglu E., Guc M., Hascelik G., Sayek I.
The European journal of surgery = Acta chirurgica, vol.166, no.9, pp.722-7, 2000 (Journal Indexed in SCI Expanded)
- XXX. **Experimental study of the effect of nitric oxide inhibition on mesenteric blood flow and interleukin-10 levels with a lipopolysaccharide challenge.**
Baykal A., Kavuklu B., Iskit A. B. , Guc M., Hascelik G., Sayek I.
World journal of surgery, vol.24, no.9, pp.1116-20, 2000 (Journal Indexed in SCI Expanded)
- XXXI. **Aminoguanidine attenuates endotoxin-induced mesenteric vascular hyporeactivity.**
Kavuklu B., Iskit A. B. , Guc M., Ilhan M., Sayek I.
The British journal of surgery, vol.87, no.4, pp.448-53, 2000 (Journal Indexed in SCI Expanded)
- XXXII. **Adrenalin tolerance does not prevent bacterial translocation in a murine burn model.**

- Baykal A., Iskit A. B. , Kaynaroglu V., Guc M., Hascelik G., Sayek I., Sanac Y.
International surgery, vol.85, pp.18-22, 2000 (Journal Indexed in SCI Expanded)
- XXXIII. **The effects of bosentan, aminoguanidine and L-canavanine on mesenteric blood flow, spleen and liver in endotoxaemic mice.**
Iskit A. B. , Sungur A., Gedikoglu G., Guc M.
European journal of pharmacology, vol.379, pp.73-80, 1999 (Journal Indexed in SCI)
- XXXIV. **Effects of adrenaline or endotoxin tolerance states on mesenteric blood flow in endotoxaemia.**
Baykal A., Iskit A. B. , Kaynaroglu V., Guc M., Sayek I., Sanaç Y.
The Australian and New Zealand journal of surgery, vol.69, pp.134-7, 1999 (Journal Indexed in SCI)
- XXXV. **The effects of G-CSF treatment and starvation on bacterial translocation in hemorrhagic shock.**
Agalar F., Iskit A. B. , Agalar C., Hamaloglu E., Guc M.
The Journal of surgical research, vol.78, pp.143-7, 1998 (Journal Indexed in SCI)
- XXXVI. **Hemodynamic monitoring of the contralateral testis during unilateral testicular torsion describes the mechanism of damage.**
Salman A., Mutlu S., Iskit A. B. , Guc M., Mutlu M., Tanyel F. C.
European urology, vol.33, no.6, pp.576-80, 1998 (Journal Indexed in SCI Expanded)
- XXXVII. **L-canavanine and dexamethasone attenuate endotoxin-induced suppression of ischaemia-reperfusion arrhythmias.**
Iskit A. B. , Guc M., Ilhan M.
European journal of pharmacology, vol.326, pp.183-90, 1997 (Journal Indexed in SCI)
- XXXVIII. **Thimerosal attenuates ischaemia-reperfusion arrhythmias in rats: no modification by anti-ischaemic agent trimetazidine or endothelin receptor antagonist bosentan.**
Iskit A. B. , Guc M.
Pharmacological research, vol.34, pp.17-23, 1996 (Journal Indexed in SCI)
- XXXIX. **Comparison of sodium pentobarbitone and urethane anaesthesia in a rat model of coronary artery occlusion and reperfusion arrhythmias: interaction with L-NAME.**
Iskit A. B. , Guc M.
Pharmacological research, vol.33, pp.13-8, 1996 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Effects of lornoxicam and ketamine in the inflammation and hyperalgesia models of rats**
CANBAY Ö., ÇELEBİ N., ŞAHİN A., İSKİT A. B. , KARAGÖZ A. H. , AYPAR Ü.
Turk Anesteziyoloji ve Reanimasyon Dernegi Dergisi, 2007 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Farelerde Tamoksifen ve Majör Metaboliti N-Desmetil-Tamoksifen'in LC- MS/MS Yöntemiyle Tayini**
ERDOĞAR N., NEMUTLU E., KIR S., İSKİT A. B. , BİLENSOY E.
XVI. Ulusal Spektroskopi Kongresi, Turkey, 7 - 09 November 2019
- II. **The role of glutathione-S-transferase in mesenchymal transition (EMT) model in colorectal cancer and the enhancement of adjuvant therapy by targeting glutathione-S-transferase inhibitor**
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., ATILLA P., ULUBAYRAM K., İSKİT A. B.
BIOMED2019: 24th International Biomedical Science Technology Symposium, 17 - 20 October 2019
- III. **OPTIMIZATION OF ETA-LOADED NANOFORMULATIONS FOR IMPROVING THE EFFECTIVENESS OF ADJUVANT CHEMOTHERAPY**
ÖZÇELİK B., ERİKÇİ A., EROĞLU İ., ULUBAYRAM K., UÇAR G., İSKİT A. B.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019

- IV. **Ethacrynic Acid Nanoconjugates for Improving the Effectiveness of Adjuvant Chemotherapy**
ÖZÇELİK B., ERİKÇİ A., EROĞLU İ., ULUBAYRAM K., UÇAR G., İSKİT A. B.
19th International Pharmaceutical Technology Symposium (IPTS), Antalya, Turkey, 17 - 19 September 2018
- V. **Hypoxia-induced epithelial-mesenchymal transition enhanced glutathione s-transferase expression in HT-29 cell line**
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., İSKİT A. B. , UÇAR G.
43th FEBS Congress, PRAG, Czech Republic, 7 - 12 July 2018
- VI. **Hypoxia-induced epithelial-mesenchymal transition enhanced glutathione-S-transferase expression in HT-29 cell line**
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., İSKİT A. B. , UÇAR G.
43rd FEBS Congress, PRAG, Czech Republic, 7 - 12 July 2018
- VII. **Hypoxia induced epithelial-mesenchymal transition enhanced glutathione-S-transferase expression in HT-29 cell line**
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., İSKİT A. B. , UÇAR G.
43rd febs congress, prag, Czech Republic, 7 - 12 July 2018
- VIII. **Hypoxia-induced epithelial-mesenchymal transition enhanced glutathione-S-transferase expression in HT-29 cell line**
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., İSKİT A. B. , UÇAR G.
43rd FEBS Congress, Prag, Czech Republic, 7 - 12 July 2018
- IX. **İlaç Taşıyıcı Proteini MDR1 Genetik Polimorfizmleri İle Nikotin Bağımlılığı Arasındaki İlişki**
MÜDERRİSOĞLU A., BABAĞLU E., korkmaz e. t. , KARABULUT E., İSKİT A. B. , EMRİ K. A. S. , BABAĞLU M. Ö.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017, pp.19
- X. **Elevated Glutathione S-Transferase-pi (GST-pi) Activity in Mesenchymal Phenotype of Human Colorectal Adenocarcinoma Cells (HT-29)**
ÖZÇELİK B., ERİKÇİ A., İSKİT A. B. , UÇAR G.
International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017
- XI. **Preparation and evaluation of GST inhibitor loaded nanoparticles for overcoming drug resistance in cancer**
ÖZÇELİK B., EROĞLU İ., BAYSAL İ., ULUBAYRAM K., UÇAR G., İSKİT A. B.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016
- XII. **Protective Effects of New Selective COX 2 Inhibitors on a Rat Model of Severe Acute Pancreatitis**
ERİKÇİ A., UÇAR B. İ. , Salgın Gökşen U., GÖKHAN KELEKÇİ N., UZGÖREN BARAN A., TOZKOPARAN B., KÖSEMEHMETOĞLU K., İSKİT A. B. , YABANOĞLU ÇİFTÇİ S., UÇAR G.
41.FEBS Congress, Kuşadası-Aydın, Turkey, 3 - 08 September 2016
- XIII. **Protective effects of new selective COX 2inhibitors on a rat model of severe acutepancreatitis**
ERİKÇİ A., UÇAR B. İ. , BAYSAL İ., Salgın Gökşen u., GÖKHAN KELEKÇİ N., KÖSEMEHMETOĞLU K., İSKİT A. B. , YABANOĞLU ÇİFTÇİ S., UÇAR G.
The FEBS Journal, 3 - 08 September 2016
- XIV. **Antioxidant and Ant inflammatory Effects of Newly Synthesized COX 2 Inhibitors on Taurocholate induced Acute Pancreatitis in Rats**
UÇAR B. İ. , ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T. , KÖSEMEHMETOĞLU K., İSKİT A. B. , UÇAR G.
International Multidisciplinary Symposium on Drug Research Development, Eskişehir, Turkey, 15 - 17 October 2015
- XV. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate induced acute pancreatitis in rats**
UÇAR B. İ. , ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T. , KÖSEMEHMETOĞLU K., İSKİT A. B.
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- XVI. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate induced acute pancreatitis in rats**

UÇAR B. İ. , ERİKÇİ A., BAYSAL İ., salgın g kşen u., G KHAN KELEKÇİ N., ŐAHİN T. T. , K SEMEHMETOĐLU K., İSKİT A. B. , UÇAR G.

International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015

XVII. **Antinociceptive Activity of *Eryngium kotschy* Boiss. Root Extracts**

Erdem A. S. , ARIHAN O., OFFER M. A. , İSKİT A. B. , Miyamoto T., Kartal M., DUBOIS L. M.

59th International Congress and Annual Meeting of the Society-for-Medicinal-Plant-and-Natural-Product-Research, Antalya, Turkey, 4 - 09 September 2011, vol.77, pp.1322

Supported Projects

İSKİT A. B. , UÇAR G., EROĐLU İ., K SEMEHMETOĐLU K., ERİKÇİ A.,  zelik B., Project Supported by Higher Education Institutions, Kolorektal kanserde Epitelyal Mezenkimal Geiř EMT modellemesinde Glutasyon STransferazın rol  ve GlutasyonSTransferaz inhibit r  hedeflenerek adjuvan terapi etkinliĐinin in vivo Őartlarda arttırılması, 2017 - 2019
BABAŐLU M.  . , KARABULUT E., BABAŐLU E., İSKİT A. B. , M DERRİSOĐLU A., KORKMAZ E. T. , Project Supported by Higher Education Institutions, Sigara BaĐımlıĐında Nikotinik Kolinerjik Resept r (CHRNA 3-4-5), Sitokrom P450 (CYP) 2A6, CYP2B6, İla Tařıyıcı Proteini MDR1 ve N ronal Nitrik Oksit Sentaz nNOS Gen Polimorfizmlerinin Etkilerinin DeĐerlendirilmesi, 2017 - 2019

ALIŐ S., BİLENSOY E., İSKİT A. B. , ELEN N., Project Supported by Higher Education Institutions, Sefiksimin D ř k  z n rl k ve Permeabilitesinin Siklodekstrin T revi Kullanılarak Arttırılması  zerine İn Vivo  alıŐmalar, 2015 - 2017
İSKİT A. B. , Project Supported by Higher Education Institutions, Lipopolisakkarit ile oluŐturulan deneysel septik Őok modelinde, miyokardiyal disfonksiyonda endotelin ve nitrik oksitin rol , 2011 - 2017

ERİKÇİ A., UÇAR G., ŐAHİN T. T. , UÇAR B. İ. , G KHAN KELEKÇİ N., BAYSAL İ., İSKİT A. B. , K SEMEHMETOĐLU K., Project Supported by Higher Education Institutions, Yeni Sentezlenen 2-Benzoksazolinon T revi BileŐiklerin Antioksidan ve Antienflamatuar Etkilerinin Deneysel Sıan Akut Pankreatit Modelinde AraŐtırılması, 2015 - 2016

Citations

Total Citations (WOS):676

h-index (WOS):15

Awards

İskit A. B. , Hacettepe Teknokent İnovasyon Proje YarıŐması (SaĐlık Bilimleri ve Teknolojileri, ikincilik), Hacettepe Teknokent, January 2011

İskit A. B. , T BİTAK TeŐvik  d l  , T bitak, January 2008

İskit A. B. , Pop ler Bilim  d l , Pop ler Bilim Dergisi, January 2007

İskit A. B. , Hacettepe  niversitesi Bilimde TeŐvik  d l , Hacettepe  niversitesi, January 2006

İskit A. B. , "The Outstanding Young Persons of T rkiye (TOYP)"  d l -Tıbbi BuluŐ ve Yenilik, Jc1, January 2005

İskit A. B. , Novartis Farmasotik Teknoloji AraŐtırma  d lleri (ikincilik), Novartis, January 2004

İskit A. B. , ODT  Prof. Dr. Mustafa N. Parlar EĐitim ve AraŐtırma Vakfı, AraŐtırma TeŐvik  d l , Odt , January 2002

İskit A. B. , T BA-GEBİP  st n BaŐarılı Gen Bilim İnsanlarını  d llendirme Programı, T ba, January 2001

İskit A. B. , T rkiye Gazeteciler Cemiyeti Sedat Simavi  d l  , T rkiye Gazeteciler Cemiyeti , January 2000

İskit A. B. , EczacıbaŐı Tıp TeŐvik  d l , EczacıbaŐı, January 1999