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International Researcher IDs

Publons / Web Of Science ResearcherID: AAD-9066-2020

Yoksis Researcher ID: 4577

Education Information

Doctorate, İstanbul University, İstanbul Medical Faculty, Biyokimya Anabilim Dalı, Turkey 1985 - 1988

Expertise In Medicine, İstanbul University, İstanbul Medical Faculty, Biyokimya Anabilim Dalı, Turkey 1981 - 1985

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Sıçanlarda aterojenik diete bağlı serum beyin ve lipit değişikliklerinin beyin ATPaz aktiviteleri ile ilişkisi , İstanbul University, Temel Bilimler, Biyokimya Anabilim Dalı, 1988

Expertise In Medicine, arkılı dozlarda E vitamini uygulamasının, membranlar üzerine etkilerinin, membrana bağlı ATPaz aktivitelerinin ölçülmesi yoluyla incelenmesi, İstanbul University, Temel Bilimler, Biyokimya Anabilim Dalı, 1985

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry, Natural Sciences

Academic Titles / Tasks

Professor, İstanbul University, İstanbul Medical Faculty, Basic Medical Sciences, 1981 - Continues

Advising Theses

BEKPINAR S., Sıçanlarda gentamisin ile oluşturulmuş böbrek hasarında hemoksijenaz-1'in rolü, Expertise In Medicine, E.Aycan(Student), 2016

BEKPINAR S., Torasik aort anevrizmali (TTA) dokuda protein ekspresyonunun incelenmesi, Doctorate, M.Serhatlı(Student), 2013

BEKPINAR S., Deneysel metabolik sendromda resveratrol uygulamasının metilglioksal düzeyleri ve vasküler fonksiyon

üzerine etkisi, Expertise In Medicine, S.Develi(Student), 2013
BEKPINAR S., Roziglitazonun deneysel karaciğer hasarında asimetrik dimetilarginin düzeyleri ve DDAH enzim aktivitesi üzerine etkisinin incelenmesi, Postgraduate, D.Vardağlı(Student), 2010
BEKPINAR S., Tip II diyabetik hastalarda asimetrik dimetilarginin ve düşük seyirli inflamasyonun ilişkisi, Expertise In Medicine, A.Can(Student), 2009
BEKPINAR S., Obez kadınlarda HDL'nin oksidasyona karşı koruyuculuğunun değerlendirilmesi, Doctorate, P.Çetinalp(Student), 2006
BEKPINAR S., Obez kadınlarda interlökin 6, C-reaktif protein, fibrinojen, insülin düzeyleri ile kardiyovasküler risk ilişkisinin araştırılması, Expertise In Medicine, F.Tanrıkuşu(Student), 2003
BEKPINAR S., Behçet hastalığında nitrik oksit etkisi, Postgraduate, N.Kılıç(Student), 2001
BEKPINAR S., Kronik böbrek hastalarında serum total homosistein düzeylerinin trombotik aktiviteye etkisi, Expertise In Medicine, Ö.Çetin(Student), 2000
BEKPINAR S., Diyabetik sıçanlarda böbrek yapı ve fonksiyonu üzerine aminoguanidinin etkisi, Postgraduate, G.Seferoğlu(Student), 1999
BEKPINAR S., Alkol ile uyarılan gastrik lezyon oluşumunda nitrik oksidin rolü, Postgraduate, R.Bulut(Student), 1997
BEKPINAR S., Sıçanda kronik etanol uygulamasının beyinde H₂O₂ ile indüklenen oksidatif stres üzerine etkisi, Expertise In Medicine, Y.Meryem(Student), 1995
BEKPINAR S., Sıçanlarda asprinin eritrosit ATP, glikoz kullanımı ve elektrolit düzeylerine etkisi, Postgraduate, F.Özant(Student), 1995

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of glycine on oxidative stress, inflammation and renin-angiotensin system in kidneys and aorta of cyclosporine-administered rats**
Kalayci R., Bingül İ., Soluk Tekkeşin M., Olgaç N. V., Bekpinar S., Uysal M.
DRUG AND CHEMICAL TOXICOLOGY, 2023 (SCI-Expanded)
- II. **Inflammatory markers are associated with the progression of gestational diabetes to metabolic syndrome**
Can B., Tutuncu Y., Can B., Keskin H., Bekpinar S., Dinccag N.
JOURNAL OF OBSTETRICS AND GYNAECOLOGY, vol.42, no.6, pp.1857-1861, 2022 (SCI-Expanded)
- III. **Resveratrol ameliorates the cyclosporine-induced vascular and renal impairments: possible impact of the modulation of renin-angiotensin system**
Bekpinar S., Karaca E., Yamakoglu S., Alp-Yildirim F. İ., Olgac V., Uydes-Dogan B. S., Cibali E., Gultepe S., Uysal M.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.97, no.12, pp.1115-1123, 2019 (SCI-Expanded)
- IV. **The protective effect of resveratrol against cyclosporine A-induced oxidative stress and hepatotoxicity**
Bingul I., Olgac V., Bekpinar S., Uysal M.
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, 2019 (SCI-Expanded)
- V. **How does spa treatment affect cardiovascular function and vascular endothelium in patients with generalized osteoarthritis? A pilot study through plasma asymmetric di-methyl arginine (ADMA) and L-arginine/ADMA ratio**
Karaarslan F., Ozkuk K., Karabulut S. S., Bekpinar S., Karagulle M. Z., Erdogan N.
INTERNATIONAL JOURNAL OF BIOMETEOROLOGY, vol.62, no.5, pp.833-842, 2018 (SCI-Expanded)
- VI. **Evaluation of the Relation Between Omentin-1 and Vitamin D in Postmenopausal Women With or Without Osteoporosis**
Dikker O., Bekpinar S., Ozdemirler G., Uysal M., VARDAR M., ATAR S., Usta M., HUNER B.
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.126, no.5, pp.316-320, 2018 (SCI-Expanded)
- VII. **Effects of resveratrol on high-fructose-induced testis injury in rats**
Meydanli E. G., Gumusel A., Ozkan S., Tanrıverdi G., Balci M. B. C., Is S. D., Hazar A. I., Uysal M., Bekpinar S.
ULTRASTRUCTURAL PATHOLOGY, vol.42, no.1, pp.65-73, 2018 (SCI-Expanded)

- VIII. **Effects of betaine supplementation on nitric oxide metabolism, atherosclerotic parameters, and fatty liver in guinea pigs fed a high cholesterol plus methionine diet**
 Kusku-Kiraz Z., Genc S., Bekpinar S., Unlucerci Y., Cevik A., Olgac V., Gurdol F., Uysal M.
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- IX. **Vascular function and arginine and dimethylarginines in gentamicin-induced renal failure: a possible effect of heme oxygenase 1 inducer hemin**
 Aycan-Ustyal E., Kabasakal M., Bekpinar S., Alp-Yildirim F. İ., Tepe O., Giris M., Ozluk Y., Unlucerci Y., Uydes-Dogan B. S., Uysal M.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, no.12, pp.1406-1413, 2017 (SCI-Expanded)
- X. **Effects of Balneotherapy on Serum Levels of Shingosine-1-Phosphate in Patients With Osteoarthritis**
 Ustyal E. A., Karaarslan F., Bekpinar S., Ozkuk K., Erdogan N.
ALTERNATIVE THERAPIES IN HEALTH AND MEDICINE, vol.23, no.6, pp.10-14, 2017 (SCI-Expanded)
- XI. **P-selectin, endocan, and some adhesion molecules in obese children and adolescents with non-alcoholic fatty liver disease**
 USTYOL A., Ustyal E. A., Gurdol F., KOKALI F., Bekpinar S.
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.77, no.3, pp.205-209, 2017 (SCI-Expanded)
- XII. **The effect of nephropathy on plasma sphingosine 1-phosphate concentrations in patients with type 2 diabetes**
 Bekpinar S., Yenidunya G., Gurdol F., Unlucerci Y., Aycan-Ustyal E., Dincag N.
CLINICAL BIOCHEMISTRY, vol.48, no.18, pp.1264-1267, 2015 (SCI-Expanded)
- XIII. **Circulating levels of apelin, glucagon-like peptide and visfatin in hypercholesterolemic-hyperhomocysteinemic guinea-pigs: their relation with NO metabolism**
 Kusku-Kiraz Z., Genc S., Bekpinar S., Unlucerci Y., Olgac V., Uysal M., Gurdol F.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.400, pp.69-75, 2015 (SCI-Expanded)
- XIV. **Resveratrol improves high-fructose-induced vascular dysfunction in rats**
 Develi-Is S., Ozen G., Bekpinar S., Topal G., Unlucerci Y., Dogan B. S. U., Uysal M.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.92, no.12, pp.1021-1027, 2014 (SCI-Expanded)
- XV. **Proteomic Study of the Microdissected Aortic Media in Human Thoracic Aortic Aneurysms**
 Serhatli M., BAYSAL K., Acilan C., Tuncer E., Bekpinar S., Baykal A. T.
JOURNAL OF PROTEOME RESEARCH, vol.13, no.11, pp.5071-5080, 2014 (SCI-Expanded)
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 Bal F., Bekpinar S., Unlucerci Y., Kusku-Kiraz Z., Onder S., Uysal M., Gurdol F.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.106, no.2, pp.295-302, 2014 (SCI-Expanded)
- XVII. **Propargylglycine aggravates liver damage in LPS-treated rats: Possible relation of nitrosative stress with the inhibition of H2S formation**
 Bekpinar S., Unlucerci Y., Uysal M., Gurdol F.
PHARMACOLOGICAL REPORTS, vol.66, no.5, pp.897-901, 2014 (SCI-Expanded)
- XVIII. **Modulation of arginine and asymmetric dimethylarginine concentrations in liver and plasma by exogenous hydrogen sulfide in LPS-induced endotoxemia**
 Bekpinar S., Develi-Is S., Unlucerci Y., Kusku-Kiraz Z., Uysal M., Gurdol F.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.91, no.12, pp.1071-1075, 2013 (SCI-Expanded)
- XIX. **The protection by heme oxygenase-1 induction against thioacetamide-induced liver toxicity is associated with changes in arginine and asymmetric dimethylarginine**
 Develi-Is S., Bekpinar S., Kalaz E. B., Evran B., Unlucerci Y., Gulluoglu M., Uysal M.
CELL BIOCHEMISTRY AND FUNCTION, vol.31, no.2, pp.122-128, 2013 (SCI-Expanded)
- XX. **Nitrogenic, glutamatergic and gabaergic systems in lithium toxicity**
 Yamanturk-Celik P., Unlucerci Y., Sevgi S., Bekpinar S., Eroglu L.
JOURNAL OF TOXICOLOGICAL SCIENCES, vol.37, no.5, pp.1017-1023, 2012 (SCI-Expanded)
- XXI. **The comparative proteomics analysis by lc-ms/ms of thoracic aortic aneurysms (taa) tissue**

- Serhatli M., Kacar O., Tuncer A., BAYSAL K., Bekpinar S., Baykal A. T.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)
- XXII. -765 G -> C and -1195 A -> G Promoter Variants of the Cyclooxygenase-2 Gene Decrease the Risk for Preeclampsia
Gurdol F., Cakmakoglu B., Dasdemir S., Isbilen E., Bekpinar S., Isbir T.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.16, no.5, pp.435-438, 2012 (SCI-Expanded)
- XXIII. Dimethylarginines in patients with type 2 diabetes mellitus: Relation with the glycaemic control
Can A., Bekpinar S., Gurdol F., Tutuncu Y., Unlucerci Y., Dincag N.
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.94, no.3, 2011 (SCI-Expanded)
- XXIV. Serum levels of arginase I are associated with left ventricular function after myocardial infarction
Bekpinar S., Gurdol F., Unlucerci Y., Develi S., Yilmaz A.
CLINICAL BIOCHEMISTRY, vol.44, no.13, pp.1090-1093, 2011 (SCI-Expanded)
- XXV. High concentrations of asymmetric dimethylarginine are associated with ST-segment resolution failure after reperfusion for acute myocardial infarction
Yilmaz A., Bekpinar S., Unlucerci Y., Gurdol F., Umman B.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.49, no.5, pp.903-907, 2011 (SCI-Expanded)
- XXVI. Adiponectin Is a Link Among Inflammation, Insulin Resistance, and High-Density Lipoprotein Cholesterol But Is Not Associated With Paraoxonase Activity in Premenopausal Women
Cetinalp-Demircan P., Bekpinar S., Gurdol F., Orhan Y.
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- XXVII. Unchanged asymmetric dimethylarginine levels in non-diabetic, premenopausal obese women who have common risk factors for cardiovascular disease
CETINALP-DEMIRCAN P., CAN A., Bekpinar S., UNLUCERCI Y. M. Y., ORHAN Y.
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- XXVIII. Hyperhomocysteinemia in chronic renal failure patients: relation to tissue factor and platelet aggregation
CETIN Ö., Bekpinar S., UNLUCERCI Y. M. Y., TURKMEN A., BAYRAM C., ULUTIN T.
CLINICAL NEPHROLOGY, vol.65, no.2, pp.97-102, 2006 (SCI-Expanded)
- XXIX. Insulin resistance is not related to plasma homocysteine concentration in healthy premenopausal women
TANRIKULU-KILIC F., Bekpinar S., UNLUCERCI Y. M. Y., ORHAN Y.
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- XXX. Evaluation of leukocyte arylsulphatase A, serum interleukin-6 and urinary heparan sulphate following tamoxifen therapy in breast cancer
Oner-Iyidogan Y., Oner P., Kocak H., Lama A., Gurdol F., Bekpinar S., Unur N., Ozbek-Kir Z.
PHARMACOLOGICAL RESEARCH, vol.52, no.4, pp.340-345, 2005 (SCI-Expanded)
- XXXI. Cardiovascular risk assessment and homocysteine and leptin levels in peritoneal dialysis and hemodialysis patients
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- XXXII. Evaluation of nitrosative and oxidative stress in Behcet disease
Bekpinar S., KILIC N., UNLUCERCI Y. M. Y., AKDAG-KOSE A., AZIZLERLI G., OZBEK-KIRT Z.
JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, vol.19, no.2, pp.167-171, 2005 (SCI-Expanded)
- XXXIII. The role of supplementation or inhibition of nitric oxide production in burn injury to reduce ischemic damage
Zilan A., Çetinkale O., Kiran B., ÜNLÜÇERÇİ Y. M. Y., Olgaç V., Deniz G., BEKPINAR S.
Ulus Travma Acil Cerrahi Derg, no.9, pp.169-175, 2003 (SCI-Expanded)
- XXXIV. The evaluation of C-reactive protein, homocysteine and vitamin B-6 concentrations in Behcet and rheumatoid arthritis disease
Bekpinar S., KOÇAK H., Unlucerci Y. M. Y., Genc S., Akdag-Kose A., Göğüş F.

- CLINICA CHIMICA ACTA, vol.329, pp.143-145, 2003 (SCI-Expanded)
- XXXV. **The evaluation of oxidative stress in patients with chronic renal failure**
Erdogan C., Unlucerci Y., Turkmen A., Kuru A., Cetin O., Bekpinar S.
CLINICA CHIMICA ACTA, vol.322, no.1-2, pp.157-161, 2002 (SCI-Expanded)
- XXXVI. **A study on the relationship between homocysteine and diabetic nephropathy in rats**
UNLUCERCI Y. M. Y., Bekpinar S., GÜRDÖL F., SEFEROGLU G.
PHARMACOLOGICAL RESEARCH, vol.45, no.3, pp.249-252, 2002 (SCI-Expanded)
- XXXVII. **The effect of aminoguanidine on diabetes-induced inactivation of kidney Na⁺,K⁺-ATPase in rats**
UNLUCERCI Y. M. Y., KOCAK H., SEFEROGLU G., Bekpinar S.
PHARMACOLOGICAL RESEARCH, vol.44, no.2, pp.95-98, 2001 (SCI-Expanded)
- XXXVIII. **Testis glutathione peroxidase and phospholipid hydroperoxide glutathione peroxidase activities in aminoguanidine-treated diabetic rats**
UNLUCERCI Y. M. Y., Bekpinar S., KOCAK H.
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.379, no.2, pp.217-220, 2000 (SCI-Expanded)
- XXXIX. **Impaired Relaxation in Aorta from Streptozotocin-diabetic Rats:Effect of Aminoguanidine (AMNG) Treatment**
ÖZYAZGAN S., ÜNLÜÇERÇİ Y. M. Y., BEKPINAR S., AKKAN A. G.
international journal experimental Diabetes Research, no.1, pp.145-153, 2000 (SCI-Expanded)
- XL. **Nitric oxide-mediated regulation of gastric H⁺, K⁺-ATPase and alcohol dehydrogenase following ethanol-induced injury in rats**
Bulut R., Unlucerci Y., Bekpinar S., Kuntsal L.
DIGESTIVE DISEASES AND SCIENCES, vol.44, no.7, pp.1417-1422, 1999 (SCI-Expanded)
- XLI. **INFLUENCE OF SELENIUM SUPPLEMENTATION IN NONTOXIC DOSES ON TESTIS LIPID PEROXIDE AND ANTIOXIDANT LEVELS IN CHRONIC ALCOHOL-FED RATS**
BEKPINAR S., TUGRUL Y. M. Y.
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- XLII. **Prolidase I activity in liver tissue: Effects of ethanol and selenium**
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- XLIII. **RELATIONSHIP OF SOME ENDOGENOUS SEX STEROID-HORMONES TO LEUKOCYTE ARYLSULFATASE-A ACTIVITIES IN PREMENOPAUSAL AND POSTMENOPAUSAL HEALTHY WOMEN**
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- XLIV. **COMPARATIVE EFFECTS OF CHRONIC ADMINISTRATION OF SOME PSYCHOTROPIC-DRUGS ON RAT-BRAIN CORTEX ACETYLCHOLINESTERASE ACTIVITY**
BEKPINAR S., ONER P., ERYUREK F.
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- XLV. **ALTERATIONS IN SOME LIPID COMPONENTS AND CA-2+ ATPASE ACTIVITY IN BRAIN OF RATS FED AN ATHEROGENIC DIET**
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RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY, vol.72, no.3, pp.337-345, 1991 (SCI-Expanded)
- XLVI. **ATHEROGENIC DIET-INDUCED ALTERATIONS IN RAT-BRAIN NA⁺-K⁺ ATPASE ACTIVITY**
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Articles Published in Other Journals

- I. Cyclosporine Treatment Increases The ACE/ACE2 Ratio in Adipose Tissue and Aorta
Darılmaz S. E., Bingül İ., Soluk Tekkeşin M., Demir N., Bekpinar S.
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- II. Examination of Oxidative Stress Markers in Women with Postmenopausal Osteoporosis
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Books & Book Chapters

- I. Enzimler / Lipit metabolizması
Bekpinar S.
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- I. Siklosporin A uygulanan sıçanlarda oksidatif stres, inflamasyon ve renin-anjiotensin sistemi üzerine glisinin etkisi
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- III. Gentamisin ile böbrek hasarı oluşturulan sıçanlarda hemoksijenaz-1 induksiyonunun vasküler reaktivite üzerine etkileri
Kabasakal M., Aycan Üstyal E., ALP YILDIRIM F. İ., BEKPINAR S., UYDEŞ DOĞAN B. S.
23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.298
- IV. Investigation of the effect of rosiglitazaonon asymmetric dimethylarginine levels and dimethylarginine dimethylaminohydrolase activity in acute liver failure
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- V. Resveratrolün Fruktozca zengin beslenen sıçanlarda İnsülin Direnci ve Karaciğerde Oksidatif stres üzerine etkisi
DERVİŞOĞLU E., KÜÇÜKGİRGİN C., UYSAL M. M., GÜLLÜOĞLU M., BEKPINAR S.
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- VI. Effects of 7-Nitrondazole on Memory Performances of Rats Trained for Three-Panel Runway Task: Hippocampal Cholinergic Enzyme Activities
YAMANTÜRK ÇELİK A. P., UNLUCERCI Y., BEKPINAR S., KOYUNCUOGLU H.
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- VII. Sıçanlarda Alkol ile Uyarılan Mide Hasarına Karşı Nitrik Oksitin Etkisi
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- VIII. Sıçan Midesinde Alkol Hasarına Karşı Ebselenin Rolü
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- IX. Sıçanlarda Mide Alkol Dehidrogenaz Aktivitesi: Alkol, Ebselen ve Nitrik Oksitin Etkisi
Kalaycı R., Bekpinar S.

Supported Projects

BEKPINAR S., Project Supported by Higher Education Institutions, SPHINGOSINE 1-PHOSPHATE CONCENTRATION IN PLASMA IS ASSOCIATED WITH THE PROGRESSION OF NEPHROPATHY IN PATIENTS WITH TYPE 2 DIABETES, 2015 - 2015

BEKPINAR S., Project Supported by Higher Education Institutions, Fruktoz ile uyarılan deneysel metabolik sendromda istah üzerine etkili hormonların incelenmesi, 2013 - 2014

BEKPINAR S., Project Supported by Higher Education Institutions, DENEYSEL METABOLİK SENDROMDA RESVERATROL UYGULAMASININ METİL GLİOKSAL DÜZEYLERİ VE VASKÜLER FONKSİYON ÜZERİNDE ETKİSİ, 2013 - 2014

BEKPINAR S., Project Supported by Higher Education Institutions, Sükroz ve fruktoz/glikoz içeren içeceklerin asimetrik dimetilarginin (ADMA) düzeyleri ve metabolizmasına etkileri, 2011 - 2014

BEKPINAR S., Project Supported by Higher Education Institutions, Plazma ve HDL fraksiyonunda sfingozin 1 fosfat miktar belirtimi, 2011 - 2014

BEKPINAR S., Project Supported by Higher Education Institutions, Torasik AORT Anevrizmali (TAA) Dokuda Protein Ekspresyonun İncelenmesi, 2011 - 2014

BEKPINAR S., Project Supported by Higher Education Institutions, Modulation of asymmetric dimethylarginine metabolism by hydrogen sulfide in LPS-induced endotoxemia, 2013 - 2013

BEKPINAR S., Project Supported by Higher Education Institutions, Deneysel endotoksemide endojen H2S oluşumunun baskılanmasının inflamasyonun seyri üzerine etkisi, 2013 - 2013

BEKPINAR S., Project Supported by Higher Education Institutions, Deneysel karaciğer hasarında anjiyotensin tip 1 reseptör blokeri kullanımının arginin ve asimetrik dimetilarginin metabolizmaları üzerine etkisi, 2010 - 2013

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BEKPINAR S., Project Supported by Higher Education Institutions, Glikoz ile uyarılmış endotel hücrelerde metformin uygulamasının asimetrik dimetilarginin (ADMA) ve Dimetilarginin dimetilaminohidrolaz (DDAH) aktivitesi üzerine etkisi, 2008 - 2011

BEKPINAR S., Project Supported by Higher Education Institutions, Glikoz ile uyarılmış endotel hücrelerde metformin uygulamasının ADMA düzeyleri ve DDAH aktivitesi üzerine etkisi, 2008 - 2011

Metrics

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