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International Researcher IDs

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Education Information

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

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

Foreign Languages

English, B2 Upper Intermediate

Dissertations

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

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

Research Areas

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

Academic Titles / Tasks

Professor, Istanbul University, Istanbul 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.Aycaan(Student), 2016

BEKPINAR S., Torasik aort anevrizmalı (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.Varıdağı(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.Tanrıkulu(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 yapısı 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 aspirinin 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**
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- III. **Resveratrol ameliorates the cyclosporine-induced vascular and renal impairments: possible impact of the modulation of renin-angiotensin system**
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- IV. **The protective effect of resveratrol against cyclosporine A-induced oxidative stress and hepatotoxicity**
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- 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.
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- VI. **Evaluation of the Relation Between Omentin-1 and Vitamin D in Postmenopausal Women With or Without Osteoporosis**
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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., Tanriverdi 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**
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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-Ustyol E., Kabasakal M., Bekpinar S., Alp-Yildirim F. İ., Tepe O., Giris M., Ozluk Y., Unlucerci Y., Uydes-Dogan B. S., Uysal M.
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- X. **Effects of Balneotherapy on Serum Levels of Shingosine-1-Phosphate in Patients With Osteoarthritis**
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- XII. **The effect of nephropathy on plasma sphingosine 1-phosphate concentrations in patients with type 2 diabetes**
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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**
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- XIV. **Resveratrol improves high-fructose-induced vascular dysfunction in rats**
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- XV. **Proteomic Study of the Microdissected Aortic Media in Human Thoracic Aortic Aneurysms**
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Develi-Is S., Bekpinar S., Kalaz E. B., Evran B., Unlucerci Y., Gulluoglu M., Uysal M.
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- XX. **Nitroergic, glutamatergic and gabaergic systems in lithium toxicity**
Yamanturk-Celik P., Unlucerci Y., Sevgi S., Bekpinar S., Eroglu L.
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- 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.
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- XXII. **-765 G -> C and -1195 A -> G Promoter Variants of the Cyclooxygenase-2 Gene Decrease the Risk for Preeclampsia**
Gurdol F, Cakmakoglu B, Dasedemir S, Isbilen E, Bekpinar S, Isbir T.
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- XXIII. **Dimethylarginines in patients with type 2 diabetes mellitus: Relation with the glycaemic control**
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- XXIV. **Serum levels of arginase I are associated with left ventricular function after myocardial infarction**
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- XXV. **High concentrations of asymmetric dimethylarginine are associated with ST-segment resolution failure after reperfusion for acute myocardial infarction**
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- XXVII. **Unchanged asymmetric dimethylarginine levels in non-diabetic, premenopausal obese women who have common risk factors for cardiovascular disease**
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- XXVIII. **Hyperhomocysteinemia in chronic renal failure patients: relation to tissue factor and platelet aggregation**
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- XXX. **Evaluation of leukocyte arylsulphatase A, serum interleukin-6 and urinary heparan sulphate following tamoxifen therapy in breast cancer**
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- XXXI. **Cardiovascular risk assessment and homocysteine and leptin levels in peritoneal dialysis and hemodialysis patients**
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- XXXV. **The evaluation of oxidative stress in patients with chronic renal failure**
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- XXXVI. **A study on the relationship between homocysteine and diabetic nephropathy in rats**
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- 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.
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- XXXIX. **Impaired Relaxation in Aorta from Streptozotocin-diabetic Rats:Effect of Aminoguanidine (AMNG) Treatment**
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international journal experimental Diabetes Research, no.1, pp.145-153, 2000 (SCI-Expanded)
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- II. **Examination of Oxidative Stress Markers in Women with Postmenopausal Osteoporosis**
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- I. **Siklosporin A uygulanan sıçanlarda oksidatif stres, inflamasyon ve renin-anjiyotensin sistemi üzerine glisininin etkisi**
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- III. **Gentamisin ile böbrek hasarı oluşturulan sıçanlarda hemoksijenaz-1 indüksiyonunun vasküler reaktivite üzerine etkileri**
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- VI. **Akut lityum toksisitesinde sıçan hipokampus, korteks, serebellum glutamik asid dekarboksilaz enzim aktivitesi**
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- IX. **Sıçanlarda Mide Alkol Dehidrogenaz Aktivitesi: Alkol, Ebselen ve Nitrik Oksitin Etkisi**
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X. **Sıçanlarda Alkol ile Uyarılan Mide Hasarına Karşı Nitrik Oksitin Etkisi**

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