

## Prof. Seldağ BEKPINAR

### Personal Information

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### Education Information

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

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

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Sıçanlarda aterosklerotik diete bağlı serum beyin ve lipit değişikliklerinin beyin ATPaz aktiviteleri ile ilişkisi , İstanbul 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, İstanbul University, Temel Bilimler, Biyokimya Anabilim Dalı, 1985

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

### Academic Titles / Tasks

Professor, İstanbul University, İstanbul Medical Faculty, Biyokimya Anabilim Dalı, 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 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, Post Graduate, 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.Tanrıkulu(Student), 2003

BEKPINAR S., Behçet hastalığında nitrik oksit etkisi, Post Graduate, 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, Post Graduate, G.Seferoğlu(Student), 1999

BEKPINAR S., Alkol ile uyarılan gastrik lezyon oluşumunda nitrik oksidin rolü, Post Graduate, R.Bulut(Student), 1997

BEKPINAR S., Sıçanda kronik etanol uygulamasının beyinde H<sub>2</sub>O<sub>2</sub> 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, Post Graduate, F.Özant(Student), 1995

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

- I. **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. I. , Olgac V., Uydes-Dogan B. S. , Cibali E., Gultepe S., Uysal M.  
Canadian journal of physiology and pharmacology, vol.97, pp.1115-1123, 2019 (Journal Indexed in SCI Expanded)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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.  
NUTRITION, vol.45, pp.41-48, 2018 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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. I. , Tepe O., Giris M., Ozluk Y., Unlucerci Y., Uydes-Dogan B. S. , Uysal M.  
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.95, no.12, pp.1406-1413, 2017 (Journal Indexed in SCI)
- VIII. **Effects of Balneotherapy on Serum Levels of Shingosine-1-Phosphate in Patients With Osteoarthritis**

Ustyol E. A. , Karaarslan F., Bekpinar S., Ozkuk K., Erdogan N.

ALTERNATIVE THERAPIES IN HEALTH AND MEDICINE, vol.23, no.6, pp.10-14, 2017 (Journal Indexed in SCI)

- IX. **P-selectin, endocan, and some adhesion molecules in obese children and adolescents with non-alcoholic fatty liver disease**  
USTYOL A., Ustyol E. A. , Gurdol F., KOKALI F., Bekpinar S.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.77, pp.205-209, 2017 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **Antidiabetic drug metformin is effective on the metabolism of asymmetric dimethylarginine in experimental liver injury**  
Bal F., Bekpinar S., Unlucerci Y., Kusku-Kiraz Z., Onder S., Uysal M., Gurdol F.  
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.106, pp.295-302, 2014 (Journal Indexed in SCI)
- XIV. **Propargylglycine aggravates liver damage in LPS-treated rats: Possible relation of nitrosative stress with the inhibition of H<sub>2</sub>S formation**  
Bekpinar S., Unlucerci Y., Uysal M., Gurdol F.  
PHARMACOLOGICAL REPORTS, vol.66, pp.897-901, 2014 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **Nitroergic, 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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **Dimethylarginines in patients with type 2 diabetes mellitus: Relation with the glycaemic control**  
Can A., Bekpinar S., Gurdol F., Tutuncu Y., Unlucerci Y., Dincceg N.  
DIABETES RESEARCH AND CLINICAL PRACTICE, vol.94, no.3, 2011 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)

- XXII. **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.  
JOURNAL OF CLINICAL HYPERTENSION, vol.11, no.11, pp.672-677, 2009 (Journal Indexed in SCI)
- XXIII. **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.  
ENDOCRINE, vol.31, no.2, pp.100-104, 2007 (Journal Indexed in SCI)
- XXIV. **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, pp.97-102, 2006 (Journal Indexed in SCI)
- XXV. **Insulin resistance is not related to plasma homocysteine concentration in healthy premenopausal women**  
TANRIKULU-KILIC F., Bekpinar S., UNLUCERCI Y. M. Y. , ORHAN Y.  
PHYSIOLOGICAL RESEARCH, vol.55, no.3, pp.285-290, 2006 (Journal Indexed in SCI)
- XXVI. **Cardiovascular risk assessment and homocysteine and leptin levels in peritoneal dialysis and hemodialysis patients**  
BEKPINAR S., ÜNLÜÇERÇİ Y. M. Y. , GENÇ N. S. , TÜRKMEN P. A.  
Adv Perit Dial, no.21, pp.80-84, 2005 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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, pp.169-175, 2003 (Journal Indexed in SCI Expanded)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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, pp.249-252, 2002 (Journal Indexed in SCI)
- XXXI. **The effect of aminoguanidine on diabetes-induced inactivation of kidney Na<sup>+</sup>,K<sup>+</sup>-ATPase in rats**  
UNLUCERCI Y. M. Y. , KOÇAK H., SEFEROGLU G., Bekpinar S.  
PHARMACOLOGICAL RESEARCH, vol.44, no.2, pp.95-98, 2001 (Journal Indexed in SCI)
- XXXII. **Testis glutathione peroxidase and phospholipid hydroperoxide glutathione peroxidase activities in aminoguanidine-treated diabetic rats**  
UNLUCERCI Y. M. Y. , Bekpinar S., KOÇAK H.  
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.379, no.2, pp.217-220, 2000 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI Expanded)
- XXXIV. **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.  
ALCOHOL AND ALCOHOLISM, vol.30, pp.645-650, 1995 (Journal Indexed in SCI)
- XXXV. **ATHEROGENIC DIET-INDUCED ALTERATIONS IN RAT-BRAIN NA<sup>+</sup>-K<sup>+</sup> ATPASE ACTIVITY**

BEKPINAR S., ONER P., OZ H.

JOURNAL OF CLINICAL BIOCHEMISTRY AND NUTRITION, vol.7, no.2, pp.101-106, 1989 (Journal Indexed in SCI)

## Articles Published in Other Journals

I. **Examination of Oxidative Stress Markers in Women with Postmenopausal Osteoporosis**

Dikker O., Sahin M., Atar S., Bekpinar S.

TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.24, no.1, pp.15-20, 2018 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

I. **Gentamisin ile böbrek hasarı oluşturulan sıçanlarda hemoksijenaz-1 indüksiyonunun vasküler reaktivite üzerine etkileri**

Kabasakal M., Aycan Üstyol E., ALP YILDIRIM F. İ. , BEKPINAR S., UYDEŞ DOĞAN B. S.

23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.298

II. **Investigation of the effect of rosiglitazonon asymmetric dimethylarginine levels and dimethylarginine dimethylaminohydrolase activity in acute liver failure**

Vardagli D., Bekpinar S.

FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.577

III. **Resveratrolün Fruktözca zengin beslenen sıçanlarda İnsülin Direnci ve Karaciğerde Oksidatif stres üzerine etkisi**

DERVİŞOĞLU E., KÜÇÜKGERGİN C., UYSAL M. M. , GÜLLÜOĞLU M., BEKPINAR S.

XIV. Ulusal Klinik Biyokimya Kongresi, Antalya, Turkey, 24 - 27 April 2014, pp.71

IV. **Effects of 7-Nitroindazole on Memory Performances of Rats Trained for Three-Panel Runway Task: Hippocampal Cholinergic Enzyme Activities**

YAMANTÜRK ÇELİK A. P. , UNLUCERCI Y., BEKPINAR S., KOYUNCUOĞLU H.

XI th International Symposium on Cholinergic Mechanisms-Function and Dysfunction & 2nd Misrahi Symposium on Neurobiology, St Moritz, Switzerland, 5 - 09 May 2002, pp.52

## Citations

Total Citations (WOS):264

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