

## **SCI, ESCI, SCI-Expanded İNDEKSLENEN DERGİLER**

- 1) **Sözmen EY**, Tanyalçın T, Onat T, Kutay F: Ethanol induced oxidative stress and membrane injury in rat erythrocytes. *Eur J Clin Chem Clin Biochem* 1994; 32(10):741-4.
- 2) Tanyalçın T, **Sözmen EY**, Taşkıran D, Özütemiz Ö, Batur Y, Kutay F. The endogenous scavengers in cerulein-induced acute pancreatitis. *Eur J Clin Chem Clin Biochem* 1995;33(2):
- 3) Tanyalçın T, Deveci R, Kutay F, Karaçalı S, **Sözmen EY**, Storage of rat liver for plasma membrane isolation. *Biochemistry and Molecular Biology International* 1995;35(3):517-27.
- 4) Taşkıran D, Kutay FZ, **Sözmen EY**, Pögün Ş, Sex differences in nitrite/nitrate levels and antioxidant defense in rat brain. *Neuroreport* 1997, 8(4):881-4
- 5) **Sözmen EY**, Kanit L, Kutay FZ, Hariri N, Effects of hydergine on antioxidant enzymes of the young and aged rat brain *European Neuro-psychopharmacology* 1998; 17(1): 34-38
- 6) F.Uysal, F.K.Girgin, S.Tüzün, S.Aldemir, **E.Y.Sözmen**. Effect of vitamin E on antioxidant enzymes and nitric oxide in ischemia-reperfusion injury in rats. *Biochemistry and Molecular Biology International* 1998, Vol.44 (6): 1255-1263.
- 7) Sözmen B, Kazaz C, Taşkıran D, Uysal F, **Sözmen EY**. Effect of S-3341 on antioxidant enzymes and NO status in primer hypertensive patients. *Current Medical Research and Opinion* 1998, 14(2) 89-96.
- 8) Aydin HH, Girgin FK, Ersöz B, **Sözmen EY**, Undergraduate Laboratory work in Biochemistry and new perspectives. *Biochemical Education* 1999, 27: 160-2.
- 9) Tüzün S, Girgin FK, **Sözmen EY**, Ersöz B, Menteş G, Antioxidant status in experimental type 2 diabetes mellitus: effects of glibenclamide and glipizide on various rat tissue. *Experimental and Toxicologic Pathology* 1999, 51(4-5):172-7.
- 10) Sözmen B, Gazitepe D, Uysal F, Aslan L, **Sözmen EY**, A novel clinical and laboratory based approach to CHD; relationship between angiography findings, antioxidant enzymes and NO. *NATURAL ANTIOXIDANTS AND ANTICARCINOGENS IN NUTRITION, HEALTH AND DISEASE*. Book Series: ROYAL SOCIETY OF CHEMISTRY SPECIAL PUBLICATIONS Issue: 240 Pages: 52-56 Published: 1999.
- 11) Sözmen B, Delen Y, Girgin FK, **Sözmen EY**, Catalase and Paraoxonase in hypertensive type 2 Diabetes Mellitus; correlation with glycemic control, *Clinical Biochemistry*. 1999, 32:427-9
- 12) **Sözmen EY**, Kerry Z, Uysal F, Yetik G, Yasa M, Üstünes L, Onat T, Antioxidant enzyme activities and total nitrite/nitrate levels in the collar-induced intimal thickening of rabbits; effect of Nicardipine. *Clin Chem Lab Med.* 2000, 38(1): 21-25.
- 13) Girgin FK, **Sözmen EY**, Özgönül M, Ersöz B, Menteş G, Link between catecholamine and nitric oxide metabolism, *NITRIC OXIDE:Biology and Chemistry*. 1999, Dec;3(6):496-7.
- 14) Akgür S, Öztürk P, **Sözmen EY**, Delen Y, Tanyalçın T, Ege B, Paraoxonase and acetylcholinesterase activities in humans exposed to organophosphorus compounds. *J Toxicol and Environmental Health*. 1999, 58:469-74.
- 15) Taşkıran D, Tanyalçın T, **Sözmen EY**, Peker Gö, Gülsen V, Çağlı S, Kanit L, Tekeli G, Barçın E, Zileli M, Kutay FZ. The effects of melatonin on the antioxidant systems in experimental spinal injury. *Inter J Neuroscience*, 2000, 104: 63-73.
- 16) **Sözmen EY**, Sözmen B, Delen Y, Onat T. Catalase/superoxide dismutase (SOD) and catalase/paraoxonase (PON) ratios may implicate poor glycemic control. *Arch Med Res* 2001, 32: 283-7.
- 17) **Sözmen EY**, Sözmen B, Girgin, Delen Y, Azarsız E, Erdener D, Ersöz B, Antioxidant enzymes and paraoxonase Show A Co-Activity In Preserving LDL From Oxidation. *Clin Exp Medicine*. 2001: 1:195-9.
- 18) Ak G, Özgönül M, **Sözmen EY**, Aslan L, Sözmen B. Renal Cortical Thickness And Pon1 Activity Co-Decrease In Patients With Chronic Renal Failure. *J Nephrol*. 2002, 15(2)
- 19) **Sözmen EY**, Mackness B, Sözmen B, Durrington P, Girgin FK, Aslan L, Mackness M. Effect Of Organophosphate Ingestion On Human Serum Paraoxonase. *Human and Exp Toxicol*, 2002, 21 (5) p247-252

- 20) **Sözmen EY**, Girgin FK. Interactive Lecture Supported by Multimedia Presentation: A New Teaching Tool for Faculties with Crowded Classes and Limited Budgets. Letter to Editor. *Education for Health*. 2002, 15(3):391-3.
- 21) Öge A, Sezer E, Özgönül M, Bayraktar F, **Sözmen EY**, The Effects Of Estrogen And Raloxifene Treatment On The Antioxidant Enzymes And Nitrite-Nitrate Levels In Brain Cortex Of Ovariectomized Rats. *Neuroscience Lett*. 2003, 38:217-20.
- 22) Azarsiz E, Kayikcioğlu M, Payzin S, **Sözmen EY**, PON1 Activities And Oxidative Markers Of LDL In Patients With Angiographically Proven Coronary Artery Disease. *Int. J. Cardiol* 2003 91:43-51.
- 23) **Sözmen EY**, Kavaklı K, Çetinkaya B, Akçay YD, Yılmaz D, Aydinok Y. Effects Of Ferrous Salts And Ferric Iron Complexes On Trace Element Status In Children With Iron Deficiency Anemia. *Biol Trace Element Res*. 94 (1): 79-85 JUL 2003
- 24) Özgönül M, Öge A, Sezer E, , Bayraktar F, **Sözmen EY**. The effects of estradiol and raloxifene treatment on antioxidant enzymes in brain and liver of ovariectomized female rats. *Endocrine Res*. 2003, 29(2):183-9.
- 25) Sağın FG, **Sözmen EY**, Antiinflammatory effects of dietary antioxidants. *Current medicinal Chemistry- Anti-inflammatory Anti-allergy agents*. 2004 vol: 3: 19-30
- 26) Girgin F, **Sözmen EY**, Ersoz B, Menteş G. Link between monoamine oxidase and nitric oxide. *Neurotoxicology* 2004 25(1-2): 91-99
- 27) Gündüz K, **Sözmen EY**, Öztürk G. Erythrocyte Superoxide Dismutase (SOD) And Catalase Activities And Plasma Nitrite And Nitrate Levels In Patients With Behcet Disease And Recurrent Aphthous Stomatitis. *Clin Exp Dermatol*. 2004 Mar;29(2):176-9
- 28) Yalcın A, Kanıt L, **Sözmen EY**. Altered gene expressions in rat hippocampus after kainate injection with or without melatonin pre-treatment. *Neuroscience Letters* 2004, 359: 65-68.
- 29) Akçay YD, Yıldırım HK, Güvenç U, **Sözmen EY**. The Effects Of Consumption Of Organic And Non-Organic Red Wine On Low Density Lipoprotein Oxidation And Antioxidant Capacity In Human. *Nutrition Research*. 2004 24: 541-54
- 30) Kavaklı K, Yılmaz D, Çetinkaya B, Balkan C, **Sözmen EY**, Sağın FG. Safety profiles of Fe<sup>2+</sup> and Fe<sup>3+</sup> oral preparations in the treatment of iron deficiency anemia in children. *Pediatric Hematology and Oncology*. 2004 21: 403-410.
- 31) Yıldırım HK, Akçay YD, Güvenç U, **Sözmen EY**. Protection Capacity Against LDL Oxidation And Antioxidant Potential Of Some Organic And Non-Organic Wines. *International Journal of Food Science and Nutrition* 2004 55(5) 351-62.
- 32) Yalcın A, Kılınç E, Kocturk S, Resmi H, **Sözmen EY**. Effect of melatonin co-treatment against kainic acid on coenzyme q10, lipid peroxidation and trx mRNA in the rat hippocampus. *Int J Neurosci*. 2004; 114(9): 1085-1097
- 33) Oge A, **Sözmen E**, Karaoglu AO. Effect of thyroid function on LDL oxidation in hypothyroidism and hyperthyroidism. *Endocr Res*. 2004 Aug;30(3):481-9.
- 34) Ozen S, Akisu M, Baka M, Yalaz M, **Sözmen EY**, Berdeli A, Kultursay N. Insulin-Like Growth Factor Attenuates Apoptosis and Mucosal Damage in Hypoxia/Reoxygenation-Induced Intestinal Injury. *Biol Neonate*. 2005;87(2):91-6. Epub 2004 Nov 03;87(2):91-96
- 35) Yıldırım HK, Akçay YD, Güvenç U, Altındışlı A, **Sözmen EY**, Antioxidant Activities Of Organic Grape, Pomace, Juice, Must, Wine And Their Correlation With Phenolic Content. *Int J Food Sci and Tech*. 2005 40: 133-142.
- 36) Duman S, Sen S, **Sözmen EY**, Oreopoulos DG. Atorvastatin improves peritoneal sclerosis induced by hypertonic PD solution in rats *Int J Artif Organs*. 2005 Feb;28(2):170-6.
- 37) Akçay YD, Yalcın A, **Sözmen EY**. The effect of melatonin on lipid peroxidation and nitrite/nitrate levels, and on superoxide dismutase and, catalase activities in kainic acid-induced injury. *Cellular & Molecular Biology Letters* 2005;10(2):321-9.
- 38) Kavaklı K, **Sözmen EY**, Girgin FK. Letter To The Editor: Treatment Of Iron-Deficiency Anemia And Erythrocyte Catalase Activity. *Pediatr Hematol Oncol*. 2005 October-November;22(7):647-648.

- 39) Akcay YD, Sendag F, Sagin F, Ozen K, **Sozmen EY**. Effects of estrogen-only therapy on LDLoxidation in women with hysterectomy: does paraoxonase genotype play a role? *Maturitas*. 2006 Feb;53(3):325-32
- 40) Kilinc I, Sagin F, Alper S, Ertem I, Öztürk G, **Sözmen EY**. Broad-Band Ultraviolet B Phototherapy Alter Serum Thiobarbituric Acid Reactive Substance And Nitrite-Nitrate Levels In Psoriatic Patients. *Journal of the European Academy of Dermatology & Venereology*. JEADV 2006 20: 1226-31.
- 41) Yıldırım HK, Altındışlı H, Akçay YD, Güvenç U, **Sözmen EY**. Physical characteristics and antioxidant activities of organic grapes. *Journal of Food Biochemistry*. 2007;81-95.
- 42) Sezer E, Akçay YD, Yıldırım HK, İlhanbey B, **Sözmen EY**. Pomegranate wine has a greater protection capacity than red wine on LDL-oxidation. *J Med Food*. 2007 Jun;10(2):371-374
- 43) Sagin FG, **Sözmen EY**. Lipids as key players in Alzheimer Disease - alterations in metabolism and genetics. *Current Alzheimer Research*. 2008, Feb;5(1):4-14.
- 44) Sözmen B, Peker Ş, Kaya Ü, Erkan M, **Sözmen EY**. Markers of long-term exposure to organophosphorus pesticides in farmers who work in viticulture and tobacco production in Turkey. *Toxicology Mechanisms and Methods*. 2007, Volume 17, Issue 7 August: 379 - 384
- 45) Kayikcioglu M, Saygi S, Azarsiz E, Can LH, Kultursay H, **Sözmen EY**. Serum paraoxonase 1 activity and oxidative markers of LDL in patients with cardiac syndrome X. *Acta Cardiologica* 2007 Jun; 62(3): 245-9
- 46) Uyanıkgil Y, Baka M, Ates U, Turgut M, Yavasoglu A, Ulker S, **Sözmen EY**, Sezer E, Elmas I, Yurtseven ME. Neuroprotective effects of melatonin upon the offspring cerebellar cortex in the rat model of BCNU-induced cortical dysplasia. *Brain Research* 2007 Jul 30;1160C: 134-144.
- 47) Sozmen EY (Sozmen, Eser Yildirim), Sagin FG (Sagin, Ferhan Girgin), Kayikcioglu M (Kayikcioglu, Meral), Sozmen B (Sozmen, Bulent). Oxidative stress & antioxidants and PON1 in health and disease. Editor(s): Mackness B; Mackness M; Aviram M; Paragh G. Source: PARAOXONASES: THEIR ROLE IN DISEASE DEVELOPMENT AND XENOBIOTIC METABOLISM Book Series: PROTEINS AND CELL REGULATION Volume: 6 Pages: 61-73 Published: 2008
- 48) Toprak O, Cirit M, Tanrisev M, Yazici C, Canoz O, Sipahioglu M, Uzum A, Ersoy R, **Sözmen EY**. Preventive effect of nebivolol on contrast-induced nephropathy in rats. *Nephrol Dial Transplant*. 2008 Mar;23(3):853-9.
- 49) Armagan G, Kanit L, Terek CM, **Sözmen EY**, Yalcin A. The levels of glutathione and nitrite-nitrate and the expression of Bcl-2 mRNA in ovariectomized rats treated by raloxifene against kainic acid. *Int J Neurosci*. 2009;119(2):227-39.
- 50) Kalkan Ucar S, Coker M, **Sözmen E**, Goksen Simsek D, Darcan S.A. monocentric pilot study of an antioxidative defense and hsCRP in pediatric patients with glycogen storage disease type IA and III. *Nutr Metab Cardiovasc Dis*. 2009 Jul;19(6):383-90.
- 51) **Sozmen EY**, Kayikcioglu M, Sezer E, İlhanbey B, Akçay Y, Kultursay H. PON192 Polymorphism and LDL-Oxidation As Risk Factors For Coronary Artery Disease in Young Turkish Population. *Turkish Journal of Biochemistry-Turk J Biochem*. 2009; 34 (4) ; 250–255.
- 52) Kalkan Ucar S, Coker M, **Sözmen E**, Goksen Simsek D, Darcan S. An association among iron, copper, zinc, and selenium, and antioxidative status in dyslipidemic pediatric patients with glycogen storage disease types IA and III. *J Trace Elem Med Biol*. 2010 Jan;24(1):42-45.
- 53) Olukman M, Sezer ED, Ülker S, **Sözmen EY**, ÇınarM. Fenofibrate Treatment Enhances Antioxidant Status and Attenuates Endothelial Dysfunction in Streptozotocin-Induced Diabetic Rats. *Experimental Diabetes Research*. Volume 2010 (2010), Article ID 828531, 10 pages. doi:10.1155/2010/828531
- 54) Sezer ED, **Sözmen EY**, Nart D, Onat T. Effect of atorvastatin therapy on oxidant-antioxidant status and atherosclerotic plaque formation. *Vascular health and risk management*. 17: 333-343, 2011.
- 55) Akçay, Y., Eyigör, S., İlhanbey, B., Karadeniz, M., Kirazlı, Y. ve **E.Y. Sözmen**. Relation of BMI and postmenopausal duration with antioxidant and anti-inflammatory effects of raloxifene treatment in women with osteoporosis: a preliminary report. *Turkish Journal of Physical Medicine and Rehabilitation*. Turk J Phys Med Rehab 2012;58:29-35

- 56) **Sözmen EY**. Letter to Editor. Sample blank subtraction outreachs Hemoglobin interferences in flurometric methods for DBS. *Molecular Genetics and Metabolism* 2012 Mar;105(3):530.
- 57) Akcay YD, Sagin FG, Aksu K, Keser G, Taylor E, Knight I, Winyard PG and **Sözmen EY**. A panel of oxidative stress assays does not provide supplementary diagnostic information in Behcet's disease patients. *Journal of Inflammation* 2012, 9:13.
- 58) Hur E, Duman E, Bozkurt D, **Sözmen E**, Sen S, Taskin H, Timur O, Kaya SO, Duman S. Non steroidai antiinflammatory drugs may be harmful to normal kidneys: experimental surgery model. *Hippokratia*, 16 (2): 160-165, 2012.
- 59) Uçar SK, **Sözmen EY**, Duman S, Başçı A, Çoker M. Alpha-galactosidase A activity leves in Turkish Male Hemodialysis patients. *Therapeutic apheresis nd Dialysis*. 2012 Dec;16(6):560-5
- 60) Aldemir O, Ergun P, Güneş S, Köroğlu, OA, Yalaz M, Kültürsay N, Çoker M, **Sözmen EY**. Reference intervals of  $\alpha$ -glycosidase,  $\beta$ -glycosidase and  $\alpha$ -galactosidase in dried blood spot of newborn in a Turkish population. *Eur J. Pediatrics*. 2013 Sep;172(9):1221-7.
- 61) Hur E, Garip A, Camyar A, Ilgun S, Ozsik M, Tuna S, Olukman M, Ozdemir ZN, **Sözmen EY**, Sen S, Akcicek F, Duman S. The Effects of Vitamin D on Gentamicin-Induced Acute Kidney Injury in Experimental Rat Model. *Int. J. Endocrinology* Volume 2013, Article ID 313528, 7 pages
- 62) Yildirim,H.K, Akçay,Y.D.,Sözmen,E.Y., Evaluation of Antioxidant / Bioactivity Potential of *Myrtus communis* L Products Using Multivariate Statistical Techniques. *Bulgarian Journal of Agricultural Science*, 19 (No 6) 2013, 1384-1390
- 63) Hakan Kerem, Ovunc Akdemir,Utku Ates,Yigit Uyanıkgil, Ebru Demirel Sezer,Ufuk Bilkay, Mehmet Turgut, **Eser Sozmen**, Ecmele Songur. The Effect of Melatonin on a Dorsal Skin Flap Model. *J Invest Surg*. 2014 Apr;27(2):57-64. doi: 10.3109/08941939.2013.835892. Epub 2013 Sep 24. *Journal of Investigative Surgery*
- 64) Kologlu T, Uçar S K, Levent E, Akcay Y, Coker M, Sozmen E Y. Chitotriosidase: As A Possible Marker Of Clinically Evidenced Atherosclerosis In Dyslipidemic Children. *J Pediatr Endocrinol Metab*. 2014 Jul 1;27(7-8):701-8. doi: 10.1515/j pem-2013-0365.
- 65) Kani Masarogullari, Asuman Camyar, Alev Garip, Selahattin Bicak, Cenk Gokalp, Ender Hur, Banu Sarsik, Eser Sozmen, Soner Duman. Urinary GGT: A cheaper predictor of acute kidney injury? *European Journal of Internal Medicine* 10/2013; 24:e66-e67. DOI:10.1016/j.ejim.2013.08.161
- 66) Sema Kalkan Ucar, Eser Sozmen, Hatice Kalkan Yıldırım, Mahmut Coker. Effect of blueberry tea on lipid and antioxidant status in children with heterozygous familial hypercholesterolemia: pilot study. *Clin. Lipidol.* (2014) 9(3), 295–304,
- 67) Karadeniz M, Akçay YD, Yıldırım HK, Yılmaz C, Sozmen EY. Effect of red wine consumption on serum oxidation and adiponectin levels in overweight and health individuals. *Polish Journal of Food and Nutrition Sciences. Pol. J. Food Nutr. Sci.*, 2014, Vol. 64, No. 3, pp. 201-207
- 68) Gunes, Sezgin; Yalaz, Mehmet; SOZMEN, ESER; Koroglu, Ozge; Kultursay, Nilgun. Cord Blood And Consecutive Chitotriosidase Levels In Relation With Prematurity And Early Prognosis. *Pediatrics International*, Vol.57, No.3, June, 2015.
- 69) Ajzner, Éva; Rogic, Dunja; Meijer, Piet; Kristoffersen, Ann-Helen; Carraro, Paolo; Sozmen, Eser; Faria, Ana; Sandberg, Sverre. An international study of how laboratories handle and evaluate patient samples after detecting an unexpected APTT prolongation. *Clin Chem Lab Med* 2015; 53(10): 1593–1603
- 70) H. K. Yıldırım, Y. Akcay, S. K. Ucar, M. Coker, E. Sozmen. *Myrtus Communis L. Leaves And Teas As Potential Antioxidants And Protectors Against In Vitro LDL–Oxidation*. *Bulgarian Journal of Agricultural Science*, 21 (No 1) 2015, 167-173.
- 71) Sevki Cetinkalp, Canan Felekoglu, Muammer Karadenizc, Hayal Boyacioglu, Yasemin Delen, Eser Yildirim, Candeger Yilmaz. Comparison of the effects of intensive insulin treatment modalities on cardiovascular biomarkers in type 1 diabetes mellitus. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* xxx (2015) xxx–xxx

- 72) Emine UTKUN, Ziyen ÖNDOĞAN, Mehmet YALAZ, Eser YILDIRIM SÖZMEN. The Effect Of Different Types Of Fabric On The Clothing Comfort, Sleep Pattern And Saliva Cortisol & Melatonin Levels Of Infants. *Tekstil Ve Konfeksiyon* 25(2), 2015 119-124.
- 73) Kristoffersen AH, Ajzner E, Rogic D, Sozmen EY, Carraro P, Faria AP, Watine J, Meijer P, Sandberg S. Is D-dimer used according to clinical algorithms in the diagnostic work-up of patients with suspicion of venous thromboembolism? A study in six European countries. *Thrombosis Research*. *Thromb Res.* 2016 Jun;142:1-7. doi: 10.1016/j.thromres.2016.04.001. Epub 2016 Apr 6.
- 74) Huzmeli C, Candan F, Alaygut D, Bagci G, Akkaya L, Bagci B, Sozmen EY, Kurtulgan HK, Kayatas M. Prevalence of Fabry Disease in Familial Mediterranean Fever Patients from Central Anatolia of Turkey. *Biochem Genet.* 2016 2016 Aug;54(4):448-456
- 75) Ongen B, Kalkan Ucar S, Levent E, Azarsiz E, Kologlu T, Coker M, Sozmen E, Sagin FG. ANNALS EXPRESS: Lipoprotein-Associated Phospholipase A2: a new marker to determine cardiovascular risk in hypercholesterolemic dyslipidemic children. *Ann Clin Biochem.* 2016 Sep 9.
- 76) Azarsiz E, Karaca N, Levent E, Kutukculer N, Sozmen E. Chitotriosidase Enzyme Activity: Is This A Possible Chronic Inflammation Marker In Children With Common Variable Immunodeficiency And Early Atherosclerosis?" *Ann Clin Biochem.* 2017 Oct 4. pii: 0004563216675647.
- 77) Esra Er · Ebru Canda · Sema Kalkan Uçar Eser Sözmen Mahmut Çoker. Clinical Experiments in Patients with Mucopolysaccharidosis Type VI (Maroteaux-Lamy Syndrome). Jun 2016 · *Journal of Clinical Research in Pediatric Endocrinology.* 3(2):82-85 · June 2017
- 78) Kalkan Ucar, S (Kalkan Ucar, Sema) ; Delen Akcay, Y (Delen Akcay, Yasemin); Kologlu, T (Kologlu, Turan); Levent, E (Levent, Erturk); Sozmen, EY (Sozmen, Eser Yildirim); Coker, M (Coker, Mahmut). Evaluation of endothelial function and platelet activation in dyslipidemic children. *IZMIR DR BEHCET UZ COCUK HASTANESİ DERGİSİ.* Volume: 6 Issue: 1 Pages: 53-58. DOI: 10.5222/buchd.2016.053. Published: APR 2016
- 79) Emre Turan, Bulent Sozmen, Mine Eltutan, Eser Y. Sozmen. Serum chitotriosidase enzyme activity is closely related to HbA1c levels and the complications in patients with diabetes mellitus type 2. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews.* *Diabetes Metab Syndr.* 2017 117: S503-S506
- 80) Arslan, FD (Arslan, Fatma Demet) ; Koseoglu, M (Koseoglu, Mehmet) ; Atay, A (Atay, Aysenur); Yigit, Y (Yigit, Yavuz) ; Akcay, Y (Akcay, Yasemin) ; Sozmen, E (Sozmen, Eser). Evaluation of Postprandial Total Antioxidant Activity in Normal and Overweight Individuals. *JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE.* Volume: 8 Issue: 2 Pages: 134-137. DOI: 10.4328/JCAM.4781. Published: MAR 2017
- 81) Ergun P, Kagnici M, Kalkan Ucar S, Coker M, Delen Akcay Y, Yildirim Sozmen E. Possible diagnostic markers for Mucopolysaccharidoses; Cathepsin-D, Galectin-3 and Chitotriosidase. *İzmir Dr. Behçet Uz Çocuk Hast. Dergisi* 2017; 7(2):95-100.
- 82) Kayıkçıoğlu M, Evrim Şimşek, Sema Kalkan Uçar, Selen Bayraktaroğlu, Hüseyin Onay, Eser Sözmen, Mahmut Çoker. Fabry disease: An overlooked diagnosis in adult cardiac patients. *Turk Kardiyol Dern Ars.* 2017; 45(6): 549-555 | DOI: 10.5543/tkda.2017.68709.
- 83) Kristoffersen AH, Ajzner E, Bauça JM, Carraro P, Faria AP, Hillarp A, Rogic D, Sozmen EY, Watine J, Meijer P, Sandberg S. Pre- and post-test probabilities of venous thromboembolism and diagnostic accuracy of D-dimer, estimated by European clinicians working in emergency departments. *Thromb Res.* 2017 Sep 18;159:19-23. doi: 10.1016/j.thromres.2017.09.012. [Epub ahead of print] No abstract available. PMID: 28950216
- 84) Canda E, Kose M, Kagnici M, Ucar SK, Sozmen EY, Coker M. Patients with Gaucher type 1: Switching from imiglucerase to miglustat therapy. *Blood Cells Mol Dis.* 2017 Jan 16. pii: S1079-9796(16)30334-5. doi: 10.1016/j.bcmd.2017.01.007. [Epub ahead of print] Volume: 68 Special Issue: SI Pages: 180-184 Published: FEB 2018
- 85) Dondurmacı M, Kalkan Uçar S, Çoker M, Canda E, Köse M, Sağın F, Sözmen EY. Higher levels of CD19 leukocytes in Gaucher disease patients as a potential marker for malignancy. *JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE.* Vol 9, No 1 (2018) JANUARY 2018

- 86) İlgen Ertam, Tuğçe Özkapu, Yasemin Akçay, Eser Yıldırım Sözmen, İdil Ünal. Antioxidant activity in melasma. *Turkderm-Turkish Archives of Dermatology and Venereology*. Turkderm-Turk Arch Dermatol Venereology 2018;52:33-6
- 87) Kayas Y, Sagin F, Akcay Y, Yenipazar GK, Azarsiz E, Sozmen E, et al., "Serum Amyloid A and Lipoprotein Associated Phospholipase A(2) Levels in Patients with Malign Melanoma: Correlations with Clinical Assessment and Stage", TURK DERMATOLOJİ DERGİSİ-TURKISH JOURNAL OF DERMATOLOGY, vol.12, is.3, pp.135-142, 2018
- 88) Eser Y, Sozmen, Meral Dondurmaci, Sema Kalkan Ucar, Mahmut Coker. False Positive Diagnosis of Lysosomal Storage Disease Based on Dried Blood Spot Sample; Leucocyte Number of a Challenging Factor. *J Pediatr Res* 2018;5(Supple 1):17-21. DOI: 10.4274/jpr.33042
- 89) Bülent Sözmen, Emel Yiğit Karakaş, Füsun Topçugil, Nazif Altiner, Eser Y. Sözmen. Effect of PPAR- $\gamma$  agonists on macrophage activation in type2 diabetes mellitus. *Journal of Clinical and Analytical Medicine*. *J Clin Anal Med* 2018;9(4): 273-7
- 90) Aldemir O, Yıldırım HK, Sozmen EY. Antioxidant And Anti-Inflammatory Effects Of Biotechnologically Transformed Propolis. *Journal of Food Processing and Preservation*. *J Food Process Preserv*. 2018;e13642. <https://doi.org/10.1111/jfpp.13642>
- 91) Sozmen AB, Canbay E, Sozmen EY, Ovez B. The Effect of Temperature and Light Intensity during Cultivation of Chlorella miniata on Antioxidant, Anti-Inflammatory Potentials and Phenolic Compound Accumulation. *Biocatalysis and Agricultural Biotechnology* 14 (2018) 366–374.
- 92) Göksel S, cenk can, Eser Sozmen soner duman, yigit Uyanikgil,turker cavusoglu, fatma gul celenk , deniz cos Urotensin Receptor Antagonist Palosuran Attenuates Cyclosporine-A Induced Nephrotoxicity In Rats (ACEM-03973-2018-02) *Advances in Clinical and Experimental Medicine*.
- 93) Kose M, Demir SA, Akinci G, Eraslan C, Yilmaz U, Ceylaner S, Sozmen EY, Seyrantepe V. The Second Case of Saposin A Deficiency and Altered Autophagy. *JIMD Reports* DOI 10.1007/8904\_2018\_114.
- 94) Er E, Canda E, Yazıcı H, Eraslan C, Sözmen E, Kalkan Uçar S, Çoker M. An Evalution of the Demographic and Clinical Characterictics of Patients with GM2 Gangliosidosis. *J Pediatr Res* 2018;5(Supple 1):12-6
- 95) Canda E, Yazıcı H, Er E, Kalkan Uçar S, Onay H, Sözmen E, Özkinay F, Çoker M. Initial and Final Status of the Patients with Niemann Pick A and B: Ege University Experience. *J Pediatr Res* 2018;5(Supple 1):22-7.
- 96) Yildirim HK, Canbay E,Ozturk S, Aldemir O, Sozmen EY, "Biotransformation of propolis phenols by *L-plantarum* as a strategy for reduction of allergens", *Food Science And Biotechnology*, vol.27, is.6, pp.1727-1733, 2018
- 97) Sezer ED, Oktay LM, Karadadas E, Memmedov H, Gunel NS, Sözmen EY. Assessing Anticancer Potential of Blueberry Flavonoids, Quercetin, Kaempferol, and Gentisic Acid, Through Oxidative Stress and Apoptosis Parameters on HCT-116 Cells. *Journal of Medicinal Food*.2019
- 98) Olukman M. Urotensin receptor antagonist palosuran attenuates cyclosporine-a-induced nephrotoxicity in rats. September 2019 *Advances in Clinical and Experimental Medicine Adv Clin Exp Med*. 2019 Oct;28(10):1393-1401
- 99) Serap Nur Ergor, Eser Y. Sozmen, Mehmet Yalaz, Mete Akisu, Nilgun Kultursay, Ozge Altun Koroglu. Reference ranges for presepsin (soluble CD14 subtype) in term and preterm neonates without infection on the first 28 days of life in relation to gestational and postnatal age. *Clinical Biochemistry* 2020 Mar;77:7-13. doi: 10.1016/j.clinbiochem.2019.12.007. Epub 2019 Dec 13.
- 100) Canbay E, Melisa, Sezer E, Yuçeyar N, Kalkan Ucar S, Çoker M, Karasoy H, Sözmen EY. The decision making levels of urine tetrasaccharide for diagnosis of pompe disease in Turkish population. *Journal of Pediatric Endocrinology and Metabolism (JPEM)*. Mar 26;33(3):391-395. doi: 10.1515/j pem-2019-0393.
- 101) Canbay E, Sezer E, Kalkan Uçar S, Çoker M, Sözmen EY LC-MS/MS Measurement of Leukocyte Cystine; Effect of Preanalytic Factors. *Talanta*. 2020 Mar 1;209:120558. doi: 10.1016/j.talanta.2019.120558. Epub 2019 Nov 14.

- 102) Özgönül M, Durmaz B, Aycan, Gündüz C, Sözmen EY. Antiproliferative effect of rosehip tea phenolics in prostate cancer cell lines. *Turkish Journal of Biochemistry*
- 103) Memmedov H, Oktay LM, Durmaz B, Günel NS, Yıldırım HK, Sözmen EY. Propolis prevents inhibition of apoptosis by potassium bromate in CCD 841 human colon cell. *Cell Biochem Funct.* 2020;38:510–519. <https://doi.org/10.1002/cbf.3475>
- 104) Tekgül H, Tanrıverdi M, Koroglu OA, Yalaz M, Sozmen EY, Kultursay N. Clinical value of a set of neuropeptides in term and preterm neonates with seizures : brain derived neurotrophic factor, galanin and neuropeptide Y. *Journal of Clinical Neuroscience. J Clin Neurosci.* 2020, 74:168- 174. doi: 10.1016/j.jocn.2020.02.013
- 105) Vural Doğru B, ŞenuzunAykar F, Yıldırım Y, Yavuzgil O, Sözmen E, Memmedov H, "The Effect of Foot Reflexology Applied Before Coronary Angiography and Percutaneous Transluminal Coronary Angioplasty on Anxiety, Stress, and Cortisol Levels of Individuals: A Randomized Controlled Trial.", *The Journal of cardiovascular nursing*, 2020.
- 106) Michael Mackness and Eser Yildirim Sozmen. A critical review on human serum Paraoxonase-1 in the literature: truths and misconceptions. *Turkish Journal of Biochemistry*.  
<https://doi.org/10.1515/tjb-2020-0186>. Published online: 22 Jun 2020

## ULUSLARARASI YAYINLAR (SCI DİŞINDAKİ İNDEKSLER)

- 1 **Sözmen EY**, Onat T, Tanyalçın T, Erlaçin S. Eritrositer antioksidan enzimlerde yaşa bağlı değişiklikler. T. Biyokimya Dergisi, 1993 18(3):83-9.
- 2 **Sözmen EY**, Yalçın A, Onat T, Erlaçin S. The effect of aflatoxin on tissue antioxidant enzyme levels in rats. Biyokimya Dergisi 1994: 19(3):35-40.
- 3 Özyürek R, **Sözmen EY**, Narin N, Bakiler R, Onat T, Parlar A, Arcasoy M. The serum levels of vitamin E and selenium in patients with cardiomyopathy. Turkish Journal Medical Sciences 1994 21 (2) 131-2.
- 4 **Yıldırım Sözmen E**, Ersöz B, Menteş G, Hancı H, Erlaçin S. Postmortem myocardial tissue concentrations of copper, zinc and magnesium after acute myocardial infarction. Turkish Journal Medical Sciences 1994 21 (3) :181-5.
- 5 Eğilmez N, **Sözmen EY**, Onat T, Tanyalçın T, Erlaçin S. The role of vitamin E in toxicant of CCl<sub>4</sub>. Turkish Journal Medical Sciences 1994 21 (4):235-9.
- 6 Tanyalçın T, **Sözmen EY**, Kutay F. Derleme: Peroksizomal bozukluklar ve peroksizomal hastalıklara biyokimyasal yaklaşım. Biyokimya Dergisi 1995: 20(1):51-63.
- 7 **Sözmen EY**, Erkızan Ö, Alper G, Onat T, Erlaçin S. Plasma Carnitine levels in acute alcohol intoxication. Turkish Journal Medical Sciences 1995: 27 (2):145-7.
- 8 **Sözmen EY**, Tanyalçın T, Yalçın M, Kutay F. Brief report; The effects of Mitoxantrone on glutathione and Glutathione-S-Transferase levels in rat liver. Turkish Journal Medical Sciences 1995, 24:1-3
- 9 Taşkıran D, **Sözmen EY**, Tanyalçın T, Yetimalar Y, Kutay F. Cerebrospinal fluid nitrite and nitrate levels in Alzheimer's disease. Turkish Journal Medical Sciences, 1995, 25:223-24.
- 10 Tanyalçın T, Kutay F, **Sözmen EY**, Erlaçin S. Yaşlanmanın eritrosit membran Na<sup>+</sup>-K<sup>+</sup>-ATPaz aktivitesi ve eritrosit içi Na<sup>+</sup> düzeylerine etkisi. Biyokimya Dergisi. 1995:20(1):43-51.
- 11 **Sözmen EY**, Yetimalar Y, Tanyalçın T, Kutay F, Tunçbay T, Cerebrospinal fluid Acetylcholinesterase and Butyrylcholinesterase activities in Alzheimer's disease. Turkish Journal Medical Sciences 1995, 25:285-8.
- 12 **Sözmen EY**, Girgin FK, Menteş G, Ersöz B, Hancı H; Platelet rich plasma monoamine oxidase activities: a novel marker of criminality for young delinquents? Turkish Journal Medical Sciences 1996, 26:475-7
- 13 Alper G, **Sözmen EY**, Kanıt L, Menteş G, Ersöz B, Kutay FZ, Age-related alterations in SOD and catalase activities in rat brain. Turkish Journal Medical Sciences 1998; 28:491-4.
- 14 Sözmen B, Kazaz C, Taşkıran D, Aslan L, Akyol A, **Sözmen EY**, Plasma antioxidant status and nitrate levels in patients with hypertension and coronary heart disease. Turkish Journal of Medical Sciences 1998:28:525-31.
- 15 Girgin FK, Özgönül M, Ersöz B, Menteş G, **Sözmen EY** MAO inhibitors in aging: can they serve as protective agents in cardiac tissue against oxidative stress?. Turkish Journal Medical Sciences 1999: 29(2): 89-95.
- 16 Kutay F, Girgin F, Kılıç S, Tanyalçın T, **Sözmen EY**, Onat T, Biyokimya ve Klinik Biyokimya Uzmanlık eğitiminde yeni bir uygulama. Biyokimya Dergisi Nisan-Mayıs 1998 23(2):47-51.
- 17 Azarsız E, **Sözmen EY**. Paraoksonaz ve klinik önemi. Biyokimya Dergisi 26(1): 15-24,2001
- 18 Soysal D, Savas S, Susam I, Cevik C, Goldeli E, **Sözmen E**, Guneri S. The association of plasma homocysteine, coronary risk factor and serum nitrite in patients with coronary artery disease, vascular syndrome x and healthy subjects. Anadolu Kardiyol Derg 2003 Mar: 3(1): 26-34.
- 19 Mehmet H. Koseoglu, Serap Cuhadar, Aysenur Atay, Yavuz Yigit, Yasemin Akcay, M.D, Eser Sozmen. Effects of Aspirin on Serum Total Antioxidant Activity in A Short Term Period. Siriraj Med J 2014;66:42-44

## ULUSAL DERGİLER

1. Ersöz B, **Yıldırım E**, Özmen D, Hasegeli S. Lenfoma olgularında serum bakır ve çinko değişiklikleri. Ege Üniv Tıp Fak Dergisi, 1989; 28(3):1265-70.
2. Ersöz B, **Yıldırım E**, Özmen D, Menteş G, Bayındır O. Tip I diabetinde serum ve idrar çinko düzeyleri . Ege Üniv Tıp Fak Dergisi 1989; 29(3):648-51
3. Ersöz B, Özmen D, Menteş G, Yıldırım E. Akut myokard enfarktüsünden sonra çinko, magnezyum ve kalsiyum düzeyleri. Ege Üniv Tıp Fak Dergisi 1990;29(3):617-9..
4. Hasegeli S, Menteş G, Ersöz B, **Yıldırım E**. Kronik böbrek yetmezliğinde önemli element değişiklikleri Ege Üniv Tıp Fak Dergisi 1992; 31(3):415-8.
5. **Yıldırım Sözmen E**, Ersöz B, Menteş G, Yılmaz R. Meme kanserlerinde serum Ca,Mg,P,Cu Zn düzey değişiklikleri. Ege Üniv Tıp Fak Dergisi 1992; 31(3):497-500.
6. **Yıldırım Sözmen E**, Menteş G,Ersöz B, Yılmaz R. Biochemical studies on Ca,Zn,Mg,P and Cu in benign and malignant breast tissue. Medical Journal of Ege Univ 1992 2(3-4):227-9.
7. Başaloğlu HK, Yurtseven M, **Sözmen EY**, Sıçanlarda uzun süreli testosterone uygulanmasının kanın lökosit dağılımı üzerindeki etkisi. Ege Tıp Dergisi 32 (3-4):397-9.
8. Tanyalçın T, **Sözmen EY**, Kutay F, Özütemiz Ö, Effects of fish oils on Na-K ATPase activity and selenium content of liver in rats. Medical Journal of Ege Univ.1995 5(1-2):15-17.
9. Tanyalçın T, **Sözmen EY**, Kutay F, Erlaçin S: Erythrocyte membrane ATPase measurement can be a marker of carbontetrachloride induced liver cirrhosis. Annals of Medical Sciences, 1995 4:82-90,
10. Eğilmez N, Tanyalçın T, **Sözmen EY**, Onat T, Erlaçin S. Fibronectin and procollagen3 peptid values in CCl<sub>4</sub> intoxication. Tr J Medical Research.
11. Yalçın A, **Sözmen EY**, Onat T; Tissue antioxidant enzyme levels in CCl<sub>4</sub> treated rats. Ege Üniversitesi Eczacılık Fakültesi Dergisi. 1994;2(2):81-4.
12. Çoker C, Çetiner N, **Sözmen EY**; Ersöz B. Analysis of hair copper and zinc. Medical Journal Ege Univ. 1996, 6(1-2):1-3
13. Aytımur M, **Sözmen EY**, Uysal F, Erer F, Onat T. Romatoid artrit ve osteoartrozlu hastalarda eritrosit superoksid dismutaz ve katalaz enzim düzeyleri. Ege Fiz Tıp Reh Der 1996, 2(4):251-4.
14. **Sözmen EY**, Tüzün S, Uysal F, Sözmen B, Aldemir S, Onat T, Sıçan böbreğinde oluşturulan iskemi-reperfuzyon hasarında EGb-761'in antioksidan sistem ve nitrik oksid üzerine etkileri. Klinik Gelişim Dergisi "Serbest Radikaller ve Antioksidanlar özel sayısı" 1998, 11(1-2):416-9.
15. **Sözmen EY**, Biyomedikal araştırmalarda uygun deney hayvanı seçimi: biyokimyasal referans sınırları ve etkileyen faktörler. Cerrahi Tıp Arşivi 1998, Vol:3 Suppl 1:27-42.
16. Özgün M, Girgin FK, Alper G, Ersöz B, Menteş G, **Sözmen EY**, Bir monoamin oksidaz inhibitörü olan deprenilin yaşlanmada sıçan karaciğer ve böbrek dokularına etkileri. İzmir Atatürk Eğitim Hastanesi Dergisi 1998, 36(2):45-48.
17. Sözmen B, Aslan L, Baram A, **Sözmen EY**, Relationship between the nitrite-nitrate levels and antioxidant enzyme activities in patients with type 2 diabetes mellitus Medical Journal of Ege University 2000, 10(3):67-71.
18. Delen Y, Çetinkalp Ş, **Sözmen EY**, Onat T, Tüzün M. Homocysteine levels and catalase activities in type 2 diabetic subjects with vascular complications. T J Endocrin and Metab 2001 1:39-41.
19. **Sözmen EY**, Çalışkan A. Ege Tıp fakültesi 1. sınıf öğrencilerine uygulanan sınavlarda bir grup biyokimya sorusunun analiz sonuçları. Tıp Eğitimi Dünyası 2002 sayı:7, 38-42.
20. **Sözmen EY**. Eğitimde Kalite yaklaşımı. Tıp Eğitimi Dünyası 16(3):3-11, 2004
21. Alper G, **Sözmen EY**, Girgin Sağıن F, Yanturalı İ, Kanıt L, Ersöz B. Monoamin Oksidaz Aktivitesi ve Nitrik Oksit Düzeyleri Beynin Değişik Bölgelerinde Cinsiyetle İlişkili Değişim Gösterir. Ege Tıp Dergisi, 44(0): 1-5, 2005.
22. Hür E, Bozkurt D, Narlı Z, Ertılav M, Bıçak S, Erden A, **Sözmen E**, Şen S, Akçiçek F, Duman S. Hipertoni periton dializ solusyonunun neden olduğu peritoneal hasarlanma üzerine anjiotensin reseptör blokajının rolü. Türkiye Klinikleri Nefroloji-özel. 2010, 3 (3):86-90.

23. Hür E, Ertılav M, Bozkurt D, Arda B, **Sözmen EY**, Sen S, Başçı A, Akçicek F, Duman S. Antibiyotik tedavisine ek olarak oktretoid uygulanması deneysel peritonit modelinde ultrafiltrasyon yetmezliğini engelleyebilir. Ege Tıp Dergisi / Ege Journal of Medicine 50 (3): 167-173, 2011.
24. Akçay Y, Öztürk G, Gündüz K, **Sözmen E**. Behcet hastalığı ve rekürren aftöz stomatitli hastalarda paraoksonaz aktivitesi ve eritrosit TBARS düzeyleri. Ege Tıp Dergisi. 51(2):93-99, 2012
25. Bilal İlhanbey, Meral Kayikcioglu, Ebru Demirel Sezer, Sacide Pehlivani, Ferhan Girgin Sagin, Ferda Ozkinay, Eser Y. Sozmen. The role of cholesteryl ester transfer protein TaqlB polymorphism in young atherosclerotic heart disease International Journal of Medical Biochemistry (IJMB). 2020;3(1):8-13
26. VATANSEVER K , AYDEMİR Ş, BATI H, CAN C, ÇOKER M, ERENZOY S, GÖVSA F, BAŞOĞLU Ö, KANIT L, KÜLTÜRSAY N, NAZLI O, SÖZMEN E, TÖRÜN ES, ÇİÇEKLİOĞLU M. Ege Üniversitesi Tıp Fakültesi Öğrenci ve Öğretim Üyesi Değerlendirme Formları ile Yapılan Ölçümlere İlişkin Geçerlilik – Güvenilirlik. Tıp Eğitimi Dünyası. 2020: 19(57):37-54.