

T.C.
SAĞLIK BAKANLIĞI
ALANYA ALAADDİN KEYKUBAT ÜNİVERSİTESİ
ALANYA EĞİTİM VE ARAŞTIRMA HASTANESİ

Dr. Öğr. Üyesi İshak Suat ÖVEY

Fizyoloji Uzmanı



KİŞİSEL BİLGİLER

- Doğum Yeri:
- Doğum Tarihi:

HEKİMLİK EĞİTİMİ

- LİSANS: Süleyman Demirel Üniversitesi 2013
- UZMANLIK: Süleyman Demirel Üniversitesi Sağlık Bil. Enst. Sınir Bilimleri A.D.

HEKİMLİK DENEYİMİ

- 2018-... Halen
- ...-...
- ...-...

DİĞER HEKİMLİK BİLGİLERİ (MESLEKİ BECERİLER VE İLGİ ALANLARI)

- ...
- ...
- ...

BİLİMSEL YAYINLAR

YAYINLAR

A- SCI, SSCI ve AHCI tarafından taranan dergilerde yayımlanan teknik not, editöre mektup, tartışma, vaka takdimi ve özet türünden yayınlar dışındaki makaleler
A1

Uslusoy F, Nazırođlu M, Övey İS, Sönmez TT. Hypericum perforatum L. supplementation protects sciatic nerve injury-induced apoptotic, inflammatory and oxidative damage to muscle, blood and brain in rats. *J Pharm Pharmacol.* 2017 May 16. doi: 10.1111/jphp.12741. [Epub ahead of print] PubMed PMID: 28508406.

A2

Akpınar H, Nazırođlu M, Övey İS, Çiđ B, Akpınar O. The neuroprotective action of dexmedetomidine on apoptosis, calcium entry and oxidative stress in cerebral ischemia-induced rats: Contribution of TRPM2 and TRPV1 channels. *Sci Rep.* 2016 Nov 22;6:37196. doi: 10.1038/srep37196. PubMed PMID: 27872485.

A3

Demirci K, Nazırođlu M, Övey İS, Balaban H. Selenium attenuates apoptosis, inflammation and oxidative stress in the blood and brain of aged rats with scopolamine-induced dementia. *Metab Brain Dis.* 2016 Sep 15. [Epub ahead of print] PubMed PMID: 27631101.

A4

Demirdaş A, Nazırođlu M, Övey İS. Duloxetine Reduces Oxidative Stress, Apoptosis, and Ca(2+) Entry Through Modulation of TRPM2 and TRPV1 Channels in the Hippocampus and Dorsal Root Ganglion of Rats. *Mol Neurobiol.* 2016 Jul 21. [Epub ahead of print] PubMed PMID: 27443158.

A5

Yazđan B, Yazđan Y, Övey İS, Nazırođlu M. Raloxifene and Tamoxifen Reduce PARP Activity, Cytokine and Oxidative Stress Levels in the Brain and Blood of Ovariectomized Rats. *J Mol Neurosci.* 2016 Oct;60(2):214-22. doi: 10.1007/s12031-016-0785-9. PubMed PMID: 27372663.

A6

Sakallı Çetin E, Nazırođlu M, Çiđ B, Övey İS, Aslan Koşar P. Selenium potentiates the anticancer effect of cisplatin against oxidative stress and calcium ion signaling-induced intracellular toxicity in MCF-7 breast cancer cells: involvement of the TRPV1 channel. *J Recept Signal Transduct Res.* 2016 Apr 8:1-10. [Epub ahead of print] PubMed PMID: 27055401.

A7

Balaban H, Nazırođlu M, Demirci K, Övey İS. The Protective Role of Selenium on Scopolamine-Induced Memory Impairment, Oxidative Stress, and Apoptosis in Aged Rats: The Involvement of TRPM2 and TRPV1 Channels. *Mol Neurobiol.* 2016 Mar 28. [Epub ahead of print] PubMed PMID: 27021021.

A8

Kahya MC, Nazırođlu M, Övey İS. Modulation of Diabetes-Induced Oxidative Stress, Apoptosis, and Ca(2+) Entry Through TRPM2 and TRPV1 Channels in Dorsal Root Ganglion and Hippocampus of Diabetic Rats by Melatonin and Selenium. *Mol Neurobiol.* 2016 Mar 9. [Epub ahead of print] PubMed PMID: 26957303.

A9

Demirdaş A, Nazırođlu M, Övey İS. Short-Term Ketamine Treatment Decreases Oxidative Stress Without Influencing TRPM2 and TRPV1 Channel Gating in the Hippocampus and Dorsal Root Ganglion of Rats. *Cell Mol Neurobiol.* 2016 Mar 2. [Epub ahead of print] PubMed PMID: 26935063.

A10

Koşar PA, Nazırođlu M, Övey İS, Çiđ B. Synergic Effects of Doxorubicin and Melatonin on Apoptosis and Mitochondrial Oxidative Stress in MCF-7 Breast Cancer Cells: Involvement of TRPV1 Channels. *J Membr Biol.* 2016 Apr;249(1-2):129-40. doi: 10.1007/s00232-015-9855-0. PubMed PMID: 26525975.

A11

Nazırođlu M, Övey İS. Involvement of apoptosis and calcium accumulation through TRPV1 channels in neurobiology of epilepsy. *Neuroscience.* 2015 May 7;293:55-66. doi: 10.1016/j.neuroscience.2015.02.041. PubMed PMID: 25743251.

A12

Övey İS, Nazırođlu M. Homocysteine and cytosolic GSH depletion induce apoptosis and oxidative toxicity through cytosolic calcium overload in the hippocampus of aged mice: involvement of TRPM2 and TRPV1 channels. *Neuroscience.* 2015 Jan 22;284:225-33. doi: 10.1016/j.neuroscience.2014.09.078. PubMed PMID:25305668.

A13

Nazırođlu M, Kutluhan S, Övey İS, Aykur M, Yurekli VA. Modulation of oxidative stress, apoptosis, and calcium entry in leukocytes of patients with multiple sclerosis by Hypericum perforatum. *Nutr Neurosci.* 2014 Sep;17(5):214-21. doi: 10.1179/1476830513Y.0000000083. PubMed PMID: 24075078.

A14

Kayan M, Nazırođlu M, Övey İS, Aykur M, Uđuz AC, Yürekli VA. Non-ionic contrast media induces oxidative stress and apoptosis through Ca^{2+} influx in human neutrophils. *J Membr Biol.* 2012 Dec;245(12):833-40. doi: 10.1007/s00232-012-9491-x. PubMed PMID: 22903554.

A15

Esenlik E, Nazırođlu M, Açıkalın C, Övey İS. Vitamin E supplementation modulates gingival crevicular fluid lipid peroxidation and antioxidant levels in patients with orthodontic tooth movement. *Cell Biochem Funct.* 2012 Jul;30(5):376-81. doi: 10.1002/cbf.1833. PubMed PMID: 22113708.

A16

Korkmaz S, Erturan I, Nazırođlu M, Uđuz AC, Çiđ B, Övey İS. Colchicine modulates oxidative stress in serum and neutrophil of patients with Behçet disease through regulation of Ca^{2+} release and antioxidant system. *J Membr Biol.* 2011 Dec;244(3):113-20. doi: 10.1007/s00232-011-9404-4. PubMed PMID: 22052237.

A17

Calışkan AM, Nazırođlu M, Uđuz AC, Övey İS, Sütçü R, Bal R, Calışkan S, Ozcankaya R. Acamprosate modulates alcohol-induced hippocampal NMDA receptors and brain microsomal Ca^{2+} -ATPase but induces oxidative stress in rat. *J Membr Biol.* 2010 Sep;237(1):51-8. doi: 10.1007/s00232-010-9305-y. PubMed PMID: 20871985.

A18

Dilek M, Nazırođlu M, Baha Oral H, Övey İS, Küçükayaz M, Mungan MT, Kara HY, Sütçü R. Melatonin modulates hippocampus NMDA receptors, blood and brain oxidative stress levels in ovariectomized rats. *J Membr Biol.* 2010 Feb;233(1-3):135-42. doi: 10.1007/s00232-010-9233-x. PubMed PMID: 20140668.

B- SCI, SSCI ve AHCI dıřındaki indeks ve özler tarafından taranan dergilerde yayımlanan teknik not, editöre mektup, tartıřma, vaka takdimi ve özet türünden yayınlar dıřındaki makale

B1

Nazırođlu M, Güler M, Küçükayaz M, Övey İS, Özgül C. Apple cider vinegar supplementation modulates lipid peroxidation and glutathione peroxidase values in lens of ovariectomized mice *Journal of CMFRR*, 2012.

B2

Övey İS, Nazırođlu M. Effects of Homocysteine on Ca^{2+} Signaling, Apoptosis, TRPV1 and TRPM2 Cation Channels in Hippocampus of Aged Mice. 5. Sınır Bilim Günleri, CMFRR,

C- SCI, SSCI ve AHCI dıřındaki indeks ve özler tarafından taranan dergilerde yayımlanan teknik not, editöre mektup, tartıřma, vaka takdimi ve özet türünden yayınlar

C1-OP

Handan B, Uđuz AC, Bardak Y, Nazırođlu Mustafa, Övey İS. Curcumin inhibits apoptosis by regulating intracellular calcium release, reactive oxygen species and mitochondrial depolarization levels in ARPE-19 cells *CMFRR* 2016,8,1.

C2-OP

Yazđan B, Yazđan Y, Övey İS, Nazırođlu M. Raloxifene and tamoxifen attenuates PARP activity, cytokine and oxidative stress levels in the brain and blood of ovariectomized rats. *CMFRR*, 2016,8,1.

C3-OP

Uslusoy F, Nazırođlu M, Çiđ B, Övey İS. Effects of *Hypericum perforatum* on TRPM2 and TRPV1 channels in sciatic nerves and dorsal root ganglia of sciatic nerve injuryinduced rats. *CMFRR* 2016,8,1.

C4-OP

Demirdař A, Nazırođlu M, Övey İS. In vitro effects of duloxetine on TRPM2 and TRPV1 channels in the hippocampus and dorsal root ganglion of rats. *CMFRR* 2016,8,1.

C5-OP

Akpınar H, Nazırođlu M, Övey İS, Çiđ B, Akpınar O. The neuroprotective role of dexmedetomidine on calcium signaling, oxidative stress and apoptosis in cerebral ischemia-induced rats: The involvement of TRPM2 and TRPV1 channels. *CMFRR* 2016,8,1.

C6-OP

Sakallı Çetin E, Nazırođlu M, Çiđ B, Övey İS, Aslan Kořar P. Selenium potentiates the anticancer effect of cisplatin against oxidative stress and calcium ion Signaling-induced intracellular toxicity in MCF-7 breast cancer cell: Involvement of TRPV1 channel. *CMFRR* 2016,8,1.

C7-P

Övey İS, Pariente R, Bejarano I, Rodríguez AB, Naziroglu M, Pariente JA. Effect of Heat Shock Proteins (HSP) on cell viability and caspases activation in human epitheloid cervix carcinoma HeLa cells CMFRR 2016,8,1.

C8-P

Demirci K, Nazıroğlu M, Övey İS, Balaban H. Selenium attenuates apoptosis, inflammation, and oxidative stress in the blood, and brains of aged rats with scopolamine-induced dementia CMFRR 2016,8,1.

C9-P

Akpınar O, Nazıroğlu M, Övey İS, Akpınar H. Dexmedetomidine reduces plasma cytokine levels in cerebral ischemia-induced rats. CMFRR 2016,8,1.

C10-P

Aslan Koşar P, Nazıroğlu M, Övey İS, Çiğ B. Synergic effects of doxorubicin and melatonin on apoptosis and mitochondrial oxidative stress in MCF-7 breast cancer cells: Involvement of TRPV1 channels. CMFRR 2016,8,1.

C11-P

Yazğan Y, Yazğan B, Övey İS, Nazıroğlu M. Raloxifene and tamoxifen reduces oxidative stress in brain of ovariectomized rats. 1st International Brain Research School, CMFRR 2015,7,1,426,

C12-P

Yazğan B, Yazğan Y, Övey İS, Nazıroğlu M. Protective Effect of Tamoxifen and Raloxifene on oxidative stress in liver, heart and kidney of ovariectomized rats. 1st International Brain Research School, CMFRR 2015 7,1,428,

C13-P

Kahya MC, Nazıroğlu M, Övey İS. Selenium reduces oxidative stress, apoptosis and Ca²⁺ entry in dorsal root ganglion neurons of diabetic rats: Involvement of TRPV1 channels. CMFRR 2014,6,1 ,334.

C14-P

Özdamar G, Nazıroğlu M, Demirdaş A, Övey İS. Effects of Agomelatine on apoptosis through TRPV1 Channels in hippocampus of depression induced rats. CMFRR 2014 6,1,370.

C15-P

Nazıroğlu M, Övey İS. Involvement of apoptosis and calcium accumulation through TRPV1 channels in neurobiology of Epilepsy. CMFRR 2014 6,1,372.

C16-P

Ulusoy Karatopuk D, Nazıroğlu M, Öncü M, Övey İS. Evaluating apoptosis, Ca²⁺ entry and oxidative stress markers as indicator of oocyte quality in granulosa cells of women undergoing in vitro fertilization (IVF): Involvement of TRPV1 channels. 2014, 6,1,379.

C17-P

Tök L, Nazıroğlu M, Övey İS, Kahya MC. Modulator role of melatonin and selenium on oxidative stress in lens of diabetic rats. CMFRR. 2014, 6,1,408.

C18-P

Nazıroğlu M, Uğuz AC, Çelik Ö, Övey İS, Yüksel M, Özkaya MO. Wifi (2.45GHz) elektromanyetik Radyasyonun Gebe ve Yavru Farelerin Beyin Dokularında Antioksidan Sistem, Kalsiyum Sinyali, Kaspaz 3 ve 9 Aktiviteleri Üzerine Etkileri, 25. Ulusal Biyofizik Kongresi, 2013

C19-P

Nazıroğlu M, Övey İS. Effects of Homocysteine on Ca²⁺ Signaling, apoptosis, TRPV1 and TRPM2 cation channels in DRG of aged mice. 3rd Tehran IBRO School of Neuroscience, 2013

C20-P

Kayan M, Nazıroğlu M, Övey İS, Aykur M, Uğuz AC, Yürekli VA. Non ionic contrast medium induces oxidative stress and apoptosis through Ca²⁺ influx in Human neutrophils. CMFRR. 4,1,48. 2012.

C21-P

Nazıroğlu M, Özgül C, Akay MB, Övey İS. Capparis ovata modulates oxidative stress and ADP ribose-induced TRPM2 channel currents in dorsal root ganglion of pentylentetrazol-induced epileptic rats. CMFRR. 4,1,49. 2012.

C22-P

Demirkan H, Şahin M, Uğuz AC, Övey İS, Nazıroğlu M, Tunç E. Colchicine modulates oxidative stress and Ca²⁺ release in polymorph nuclear leucocytes of remission (but not unremitment) of patients with familial mediterranean fever. 2010, 2;1;70.

C23-P

Kanatsız O, Yozgat Z, Ören Ö, Övey İS, Sözbir E, Özgül C, Küçükayaz M, Çiğ B, Kale Köroğlu B, Nazıroğlu M. Effects of apple cider vinegar on lipid profiles, liver lipid peroxidation and vitamin E and β -carotene levels in ovariectomized and streptozotocin induced diabetic mice fed cholesterol. 2010, 2;1;76.

C24-P

Güler M, Saydam G, Övey İS, Özgül C, Küçükayaz M, Sözbir E, Çiğ B, Özzkaya MO, Nazıroğlu M. Effects of apple cider vinegar reduces blood lipid profiles, liver lipid peroxidation and antioxidant levels in streptozotocin induced diabetic and cholesterol fed mice. . 2010, 2;1;75.

D- Alanında, diğer tür kitaplarda bölüm ve ünite yazarlığı

D1

Methods Book – Western Blot Chapter, 1st International Brain Research School (24 August-4 September 2015), Isparta, Turkey (<http://www.cmos.org.tr/brs2015/en/>)

E- Ulusal toplantıda poster, sözlü sunum ve gösterim

E1-OP

Övey İS, Nazıroğlu M. Sinir Hücrelerinde Kuyucuk Okuyucu (Plate Reader) ile Apoptoz Analizi. Celal Bayar Üniversitesi 2. Ulusal Kök Hücre Öğrenci Sempozyumu, 2014,47.

E2-P

Övey İS, Nazıroğlu M. Homosisteinin Hipokampus Kalsiyum Sinyali, Apoptozis, TRPV1 ve TRPM2 katyon Kanalları Üzerine Etkileri, 5. Hücrel Sinir Bilim Günleri, 2013