

CURRICULUM VITAE

1. Name Surname : Ahmet Özer ŞEHİRLİ
2. Date of Birth : 26.03.1975
3. Title : Prof. Dr.
4. University : Near East University
5. Currently Employed Institution: Near East University, Faculty of Dentistry

Degree	Department	University	Year
B.Sc.	Faculty of Pharmacy,	Marmara University	1998
M.Sc	Institute of Health Sciences Pharmacology	Marmara University	2001
Ph. D	Institute of Health Sciences Pharmacology	Marmara University	2006

5. Academic Titles

- Assist.Prof.Dr. : 2008-2017 Marmara University
Assoc.Prof.Dr. : 2017-2023 Near East University
Prof.Dr. : 2023- Near East University

6. Master Thesis and Topics Advisor(s):

6.1. Master Thesis: The protective effect of melatonin on renal ischemia-reperfusion injury in the rat.

6.2. PhD Thesis: Comparison of antioxidant therapy with angiotensin converting enzyme inhibitors and angiotensin receptor antagonists in experimental chronic renal failure in rats.

7. Publications

7.1. Articles published in international peer-reviewed journals (SCI, SSCI, Arts and Humanities)

1. Şener G, **Şehirli AÖ**, Keyer-Uysal M, Arbak S, Ersoy Y, Yeğen BÇ: The protective effect of melatonin on renal ischemia-reperfusion in rat. *Journal Pineal Research* 32(2): 120-126, 2002.
2. Şener, G., **Şehirli A. Ö.**, Satiroğlu H., Keyer-Uysal M., Yeğen BÇ, "Melatonin Prevents Oxidative Kidney Damage In A Rat Model Of Thermal Injury" *Life Science* 70(25): 2977-85, 2002.
3. Şener, G., Paskaloğlu K., **Şehirli Ö.**, Ayanoglu-Dülger G., Alican İ. "The effects of Melatonin on Ischemia/Reperfusion Induced Changes In Rat Corpus Cavernosum." *Journal of Urology* 167:2624-2627, 2002.
4. Şener G, **Şehirli AÖ**, Altunbaş HZ, Paskaloğlu K, Ayanoğlu-Dilger G: Melatonin protects against gentamicin-induced nephrotoxicity in rats. *Journal of Pineal Research* 32(4): 231-6, 2002.

5. Şener, G., **A. Ö. Şehirli**, H. Satiroğlu, M. Keyer-Uysal, B. Ç. Yeğen, "Melatonin Improves Oxidative Organ Damage In A Rat Model Of Thermal Injury" *Journal of Burns* 28(5):419-425, 2002.
6. Şener G, **Şehirli Ö**, Satiroğlu H, Kaçmaz A, Ayanoğlu-Dülger G, Yeğen ÇB. Octreotide Improves Burn-Induced Intestinal Injury In The Rat. *Peptides* 24: 123-127, 2003.
7. Çetinel, Ş, Ercan F, Şirvanlı S, **Şehirli Ö**, Ersoy Y, Şener G, Arbak S, Şan T. The ameliorating effect of melatonin on protamine sulfate induced bladder injury and its relation to interstitial cystitis. *Journal of Urology* 169(4):1564-8, 2003.
8. **Şehirli A Ö**, Şener G, Satiroglu H, Ayanoglu-Dülger G. Protective effect of N-acetylcysteine on the renal ischemia/ reperfusion injury in the rat. *Journal of Nephrology*, 16(1):75-80, 2003.
9. Şener, G., **Şehirli Ö**, Paskaloğlu K., Ayanoglu-Dülger G., Alican İ. Melatonin treatment protects against ischemia/reperfusion-induced functional and biochemical changes in rat urinary bladder. *Journal of Pineal Research*, 34(3):226-230, 2003.
10. Jahovic N, Çevik H, **Şehirli AÖ**, Yeğen B.Ç., Şener G. Melatonin prevents methotrexate-induced hepatorenal oxidative injury in rats. *Journal of Pineal Research* 34(4):282-7, 2003.
11. Şener G, **Şehirli AÖ**, Ayanoğlu-Dülger G. Protective Effects of Melatonin, Vitamine E and N-Acetylcysteine Against Acetaminophen Toxicity in Mice: A Comparative Study. *Journal of Pineal Research* 35(1):61-8, 2003.
12. Şener G, Tosun A, **Şehirli AÖ**, Kaçmaz A, Arbak S, Ersoy Y, Ayanoğlu-Dülger G. Melatonin and N-Acetylcysteine Have Beneficial Effects During Hepatic Ischemia and Reperfusion. *Life Sciences*. 72(24): 2707-2718, 2003.
13. Şener G, Satiroğlu H, **Şehirli A. Ö.**, Kaçmaz A. Protective effect of aqueous garlic extract against oxidative organ damage in a rat model of thermal injury. *Life Sciences* 2003;73: 81-91.
14. Şener G, **Şehirli AÖ**, Ayanoglu-Dülger G. Melatonin protects against mercury (II)-induced oxidative tissue damage in rats. *Pharmacology & Toxicology* 93 (6): 290-296, 2003.
15. Sener G, **Sehirli AO**, Yegen BC, Cetinel S, Gedik N, Sakarcan A. Melatonin attenuates ifosfamide--induced fanconi syndrome in rats. *Journal of Pineal Research*. 37(1):17-25, 2004.
16. Kabasakal L, **Şehirli AO**, Çetinel S, Cikler E, Gedik N, Şener G. Mesna (2-Mercaptoethane Sulfonate) Prevents Ischemia/Reperfusion Induced Renal Oxidative Damage In Rats. *Life Sci* 75(19):2329-40, 2004.
17. Şener G, **Şehirli O**, Erkanlı G, Cetinel S, Gedik N, Yegen B. 2-Mercaptoethane Sulfonate (MESNA) protects against burn-induced renal injury in rats. *Journal of Burns* 30(6):557-64, 2004.

- 18.** Şener G, **Şehirli Ö**, Çetinel Ş, Midillioğlu Ş, Gedik N, Ayanoglu-Dülger G. Protective effect of taurine against alendronat induced gastric damage in rats. *Fundamental & Clinical Pharmacology*. 19(1):93-100, 2004.
- 19.** Şener G, **Şehirli Ö**, İpçi Y, Ercan F, Şirvancı S, Gedik N, Yeğen BC. Aqueous garlic extract alleviates ischemia-reperfusion-induced oxidative hepatic injury in rats. *Journal of Pharmacy and Pharmacology*. 57 (1): 145-150, 2005.
- 20.** Şener G, **Şehirli AÖ**, İpçi Y, Çetinel Ş, Cikler E, Gedik N, Alican I. Protective effects of taurine against nicotine-induced oxidative damage of rat urinary bladder and kidney *Pharmacology* 74:37-44, 2005.
- 21.** Gedik N, Kabasakal L, **Şehirli O**, Ercan F, Sirvancı S, Keyer-Uysal M, Şener G. Long-term administration of aqueous garlic extract (AGE) alleviates liver fibrosis and oxidative damage induced by biliary obstruction in rats. *Life Sci* 76:2593-2606, 2005.
- 22.** Şener G, **Şehirli O**, Cetinel S, Yeğen B, Gedik N, Ayanoğlu-Dülger G. Protective effects of mesna (2-mercaptoethane sulfonate) against acetaminophen-induced hepatorenal oxidative damage in mice. *Journal of Applied Toxicology*. 25(1):20-29, 2005.
- 23.** Kabasakal L, **Şehirli AÖ**, Çetinel Ş, Çikler E, Gedik N, Şener G. Protective effect of aqueous garlic extract against renal ischemia/reperfusion injury in rats. *Journal of Medicinal Food*. 8(3):319-26, 2005.
- 24.** Şener G, **Şehirli AÖ**, İpçi Y, Çetinel Ş, Cikler E, Gedik N, Alican I. Taurine treatment protects against chronic nicotine-induced oxidative changes. *Fundamental Clinical Pharmacolog*. 19(2):155-64, 2005.
- 25.** Şener G, **Şehirli AÖ**, İpçi Y, Çetinel Ş, Cikler E, Gedik N. Chronic nicotine toxicity is prevented by aqueous garlic extract. *Plants Food Human Nutrition*. 60(2): 77-86, 2005.
- 26.** Omurtag ZG, Güranlioğlu FD, **Şehirli Ö**, Arbak S, Uslu B, Gedik N, Şener G. Protective effect of aqueous garlic extract against naphthalene-induced oxidative stress in mice. *J Pharmacy and Pharmacology*. 57(5):623-30. 2005.
- 27.** Şener G, Şener E, **Şehirli AÖ**, Velioğlu A, Çetinel Ş, Gedik N, Şakarcan A. Ginkgo biloba extract ameliorates ischemia reperfusion-induced renal injury in rats. *Pharmacological Research* 52(3): 216-222, 2005.
- 28.** Şener G, **Şehirli AÖ**, Ercan F, Sirvancı S, Gedik N, Kacmaz A. Protective Effect Of Mesna (2-Mercaptoethane Sulfonate) Against Hepatic Ischemia/Reperfusion Injury In Rats. *Surgery Today*. 35(7):575-80, 2005.
- 29.** Çetiner M, Şener G, **Şehirli AÖ**, Ekşioğlu-Demiralp E, Ercan F, Sirvancı S, Gedik N, Akpulat S, Tecimer T, Yeğen BC. Taurine protects against methotrexate-induced toxicity and inhibits leukocyte death. *Toxicology and Applied Pharmacology*. 209(1):39-50, 2005.

- 30.** Kacmaz A, User YE, Şehirli AÖ, Tilki M, Ozkan S, Şener G. Protective effect of melatonin against ischemia/reperfusion-induced oxidative remote organ injury in the rat. *Surgery Today* 35(9):744-50, 2005.
- 31.** Şener G, **Şehirli Ö**, Çetinel Ş, Ercan F, Yüksel M, Gedik N, Yeğen BC Amelioration of sepsis-induced hepatic and ileal injury in rats by the leukotriene receptor blocker montelukast. *Prostaglandins Leukotrienes and Essential Fatty Acids* 73(6): 453-462, 2005.
- 32.** Sakarcan A, **Şehirli O**, Velioglu-Ovunç A, Ercan F, Erkanlı G, Gedik N, Sener G. Ginkgo biloba extract improves oxidative organ damage in a rat model of thermal trauma. *J Crit Care Med.* 26(6):515-524, 2005.
- 33.** Şener G, Omurtag ZG, **Şehirli AÖ**, Tozan A, Yüksel M, Ercan F, Gedik N. Protective Effects of Ginkgo Biloba Against Acetaminophen-Induced Toxicity In Mice. *Mol Cell Biochem* 283(1-2): 39-45, 2006.
- 34.** Şener G, **Şehirli AÖ**, Velioğlu-Öğünç A, Ercan F, Erkanlı G, Gedik N, Yegen BC. Propylthiouracil (PTU)-induced hypothyroidism alleviates burn-induced multiple organ injury. *Burns* 32(6):728-36, 2006.
- 35.** Şener G, Sert G, **Şehirli AÖ**, Arbak S, Uslu B, Gedik N, Ayanoglu-Dülger G. Melatonin Protects Against Pressure Ulcer-Induced Oxidative Injury of the Skin and Remote Organs in Rats. *Journal of Pineal Research.* 40(3):280-7, 2006.
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- 37.** Şener G, Toklu H, **Şehirli AÖ**, Velioğlu-Öğünç A, Çetinel Ş, Gedik N. Protective Effects of Resveratrol Against Acetaminophen-Induced Toxicity In Mice. *Toxicol Lett Hepatol Res.* 35(1):62-8, 2006.
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- 40.** Toklu HZ, **Şehirli AÖ**, Velioglu-Ogunc A, Cetinel S, Sener G. Acetaminophen-induced toxicity is prevented by beta-D-glucan treatment in mice. *Eur J Pharmacol.* 543(1-3):133-40, 2006.
- 41.** Şener G, Topaloglu N, **Özer Şehirli A**, Ercan F, Gedik N. Resveratrol alleviates bleomycin-induced lung injury in rats. *Pulm Pharmacol Ther.* 20: 642-649, 2007.

- 42.** Tunali-Akbay T, Sener G, Salvarli H, **Şehirli Ö**, Yarat A. Protective effects of Ginkgo biloba extract against mercury(II)-induced cardiovascular oxidative damage in rats. *Phytother Res.* 21(1):26-31, 2007.
- 43.** Tozan A, **Şehirli Ö**, Omurtag GZ, Cetinel S, Gedik N, Sener G. Ginkgo biloba extract reduces naphthalene-induced oxidative damage in mice. *Phytother Res.* 21(1):72-7, 2007.
- 44.** Toklu HZ, Dumlu MU, **Şehirli O**, Ercan F, Gedik N, Gokmen V, Sener G. Pomegranate peel extract prevents liver fibrosis in biliary-obstructed rats. *J Pharm Pharmacol.* 59(9):1287-95, 2007.
- 45.** Sener G, *Sehirli O*, Toklu H, Ercan F, Alican I. Montelukast reduces ischaemia/reperfusion-induced bladder dysfunction and oxidant damage in the rat. *J Pharm Pharmacol.* 59(6):837-42, 2007.
- 46.** Sener G, Sakarcan A, **Şehirli O**, Eksioglu-Demiralp E, Sener E, Ercan F, Gedik N, Yegen BC. Chronic renal failure-induced multiple-organ injury in rats is alleviated by the selective CysLT1 receptor antagonist montelukast. *Prostaglandins Other Lipid Mediat.* 83(4):257-67, 2007.
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- 48.** Sener G, Aksoy H, **Şehirli O**, Yuksel M, Aral C, Gedik N, Cetinel S, Yegen BC. Erdosteine prevents colonic inflammation through its antioxidant and free radical scavenging activities. *Dig Dis Sci.* 52(9):2122-32, 2007.
- 49.** Sener G, **Şehirli O**, Tozan A, Velioglu-Ovunc A, Gedik N, Omurtag GZ. Ginkgo biloba extract protects against mercury(II)-induced oxidative tissue damage in rats. *Food Chem Toxicol.* 45(4):543-50, 2007.
- 50.** Dulundu E, Ozel Y, Topaloglu U, **Şehirli O**, Ercan F, Gedik N, Sener G. Alpha-lipoic acid protects against hepatic ischemia-reperfusion injury in rats. *Pharmacology.* 79(3):163-70, 2007.
- 51.** Sener G, **Şehirli AO**, Gedik N, Dulger GA. Rosiglitazone, a PPAR-gamma ligand, protects against burn-induced oxidative injury of remote organs. *Burns.* 33(5):587-93, 2007.
- 52.** Sener G, **Şehirli AO**, Toklu HZ, Yuksel M, Ercan F, Gedik N. Erdosteine treatment attenuates oxidative stress and fibrosis in experimental biliary obstruction. *Pediatr Surg Int.* 23(3):233-41, 2007.
- 53.** **Şehirli O**, Sener E, Cetinel S, Yuksel M, Gedik N, Sener G. Alpha-lipoic acid protects against renal ischaemia-reperfusion injury in rats. *Clin Exp Pharmacol Physiol.* 2008; 35(3): 249-55.
- 54.** **Şehirli O**, Tatlidede E, Yuksel M, Erzik C, Cetinel S, Yeğen BC, Sener G. Antioxidant effect of alpha-lipoic acid against ethanol-induced gastric mucosal erosion in rats. *Pharmacology.* 2008;81(2):173-80.

- 55.** **Sehirli O**, Ozel Y, Dulundu E, Topaloglu U, Ercan F, Sener G. Grape seed extract treatment reduces hepatic ischemia-reperfusion injury in rats. *Phytother Res*. 2008; 22(1): 43-8.
- 56.** **Sehirli O**, Sener E, Sener G, Cetinel S, Erzik C, Yeğen BC. Ghrelin improves burn-induced multiple organ injury by depressing neutrophil infiltration and the release of pro-inflammatory cytokines. *Peptides*. 2008; 29(7):1231-40.
- 57.** Omurtag GZ, Tozan A, **Sehirli AO**, Sener G. Melatonin protects against endosulfan-induced oxidative tissue damage in rats. *J Pineal Res*. 2008 May;44(4):432-8.
- 58.** **Sehirli O**, Tozan A, Omurtag GZ, Cetinel S, Contuk G, Gedik N, Sener G. Protective effect of resveratrol against naphthalene-induced oxidative stress in mice. *Ecotoxicol Environ Saf*. 2008; 71:301-8.
- 59.** Tatlidede E, **Sehirli O**, Velioğlu-Oğunc A, Cetinel S, Yeğen BC, Yarat A, Suleymanoğlu S, Sener G. Resveratrol treatment protects against doxorubicin-induced cardiotoxicity by alleviating oxidative damage. *Free Radic Res*. 2009; 23:1-11.
- 60.** Akyüz C, **Sehirli AO**, Topaloglu U, VeliogluOgunc A, Cetinel S, Sener G. Protective effects of proanthocyanidin on cerulein-induced acute pancreatic inflammation in rats. *Gastroenterol Res*. 2009; 2: 20-28.
- 61.** Uzun MA, Koksal N, Kadioglu H, Gunerhan Y, Aktas S, Dursun N, **Sehirli AO**. Effects of N-acetylcysteine on regeneration following partial hepatectomy in rats with nonalcoholic fatty liver disease. *Surg Today*. 2009;39(7):592-7.
- 62.** Erşahin M, **Sehirli O**, Toklu HZ, Süleymanoglu S, Emekli-Alturfan E, Yarat A, Tatlidede E, Yeğen BC, Sener G. Melatonin improves cardiovascular function and ameliorates renal, cardiac and cerebral damage in rats with renovascular hypertension. *J Pineal Res*. 2009 Aug;47(1):97-106.
- 63.** Toklu HZ, **Sehirli O**, Ozyurt H, Mayadağı AA, Ekşioğlu-Demiralp E, Cetinel S, Sahin H, Yeğen BC, Ulusoylu Dumlu M, Gökmən V, Sener G. Punica granatum peel extract protects against ionizing radiation-induced enteritis and leukocyte apoptosis in rats. *Radiat Res*. 2009; 50(4): 345-53.
- 64.** Uzun MA, Koksal N, Aktas S, Gunerhan Y, Kadioglu H, Dursun N, **Sehirli AO**. The effect of ursodeoxycholic acid on liver regeneration after partial hepatectomy in rats with non-alcoholic fatty liver disease *Hepatol Res*. 2009; 39(8):814-21.
- 65.** Velioğlu-Oğunc A, **Sehirli O**, Toklu HZ, Ozyurt H, Mayadağı A, Eksioğlu-Demiralp E, Erzik C, Cetinel S, Yeğen BC, Sener G. Resveratrol protects against irradiation-induced hepatic and ileal damage via its anti-oxidative activity. *Free Radic Res*. 2009; 43 (11): 1060-1071.
- 66.** Kara M, Tellioglu G, **Sehirli O**, Yıldar M, Krand O, Berber I, Cetinel S, Eren PA, Sener G, Titiz I. Evaluation of gadolinium pre-treatment with or without splenectomy in the setting of renal ischemia reperfusion injury in rats. *Ren Fail*. 2009;31(10):956-63.

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- 68.** Ekşioğlu-Demiralp E, Kardaş ER, Ozgül S, Yağcı T, Bilgin H, **Sehirli O**, Ercan F, Sener G. Betulinic acid protects against ischemia/reperfusion-induced renal damage and inhibits leukocyte apoptosis. *Phytother Res*. 2010; 24: 325-332.
- 69.** Ozkan E, Yardimci S, Dulundu E, Topaloğlu U, **Sehirli O**, Ercan F, Velioğlu-Öğünç A, Sener G. Protective Potential of Montelukast Against Hepatic Ischemia/Reperfusion Injury in Rats *J Surg Res*. 2010; 159: 588-594.
- 70.** Tunali-Akbay T, **Sehirli O**, Ercan F, Sener G. Resveratrol protects against methotrexate-induced hepatic injury in rats. *J Pharm Pharm Sci*. 2010;13(2):303-10
- 71.** Toklu HZ, **Sehirli O**, Erşahin M, Süleymanoğlu S, Yiğiner O, Emekli-Alturfan E, Yarat A, Yeğen BC, Sener G. Resveratrol improves cardiovascular function and reduces oxidative organ damage in the renal, cardiovascular and cerebral tissues of two-kidney, one-clip hypertensive rats. *J Pharm Pharmacol*. 2010 Dec;62(12):1784-93
- 72.** Ozkan E, Akyüz C, **Sehirli AO**, Topaloğlu U, Ercan F, Sener G. Montelukast, a selective cysteinyl leukotriene receptor 1 antagonist, reduces cerulein-induced pancreatic injury in rats. *Pancreas*. 2010 Oct;39(7):1041-6.
- 73.** Emekli-Alturfan E, Yarat A, Tunalı-Akbay T, Işık F, Yenidoğan G, Şener G, **Sehirli O**, Pişirciler R, Ak E, Altıntaş A. Effect of black cumin (*Nigella sativa*) seed oil on gastric tissue in experimental colitis. *Advances in Environmental Biology*. 2011, 5: 483-490.
- 74.** Bulut NE, Özkan E, Ekinci O, Dulundu E, Topaloğlu Ü, **Sehirli AO**, Ercan F, Şener G. Beneficial effects of alpha lipoic acid on cerulein-induced experimental acute pancreatitis in rats. *Ulus Travma Acil Cerrahi Derg*. 2011 Sep;17(5):383-9
- 75.** Çakır T, Özkan E, Dulundu E, Topaloğlu Ü, **Sehirli AO**, Ercan F, Şener E, Şener G. Caffeic acid phenethyl ester (CAPE) prevents methotrexate-induced hepatorenal oxidative injury in rats. *J Pharm Pharmacol*. 2011 Dec;63(12):1566-71
- 76.** Ozkan E, Akyüz C, Dulundu E, Topaloğlu U, **Sehirli AO**, Ercan F, Sener G. Protective Effects of Lycopene on Cerulein-Induced Experimental Acute Pancreatitis in Rats. *J Surg Res*. 2012 176 (1): 232-238.
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- 78.** Alturfan AA, Tozan-Beceren A, **Sehirli AO**, Demiralp E, Sener G, Omurtag GZ. Resveratrol ameliorates oxidative DNA damage and protects against acrylamide-induced oxidative stress in rats. *Mol Biol Rep*. 2012 Apr;39(4):4589-96

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- 82.** Yalcin M, Yiğiner O, Eroğlu M, **Şehirli O**, Berber U, Ozçelik F, Sener G. Effect of hyperbaric oxygen treatment in a rat model of abdominal aortic aneurysm. *Undersea Hyperb Med.* 2014; 41(1): 9-15.
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- 84.** Reyhan E, Irkorucu O, Surmelioglu A, Ozkara S, Deger KC, Aziret M, Erdem H, Cetinkunar S, Demirturk P, **Şehirli AO**. Efficacy of Pentoxifylline and Tadalafil in Rat Model of Ischemic Colitis. *J Invest Surg.* 2014;27:349-53
- 85.** **Şehirli AO**, Cetinel S, Ozkan N, Selman S, Tetik S, Yuksel M, Dulger FG. St. John's wort may ameliorate 2,4,6-trinitrobenzenesulfonic acid colitis off rats through the induction of pregnane X receptors and/or P-glycoproteins. *J Physiol Pharmacol.* 2015;66(2):203-14.
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- 90.** Aslaner A, Çakır T, Çelik B, Doğan U, Akyüz C, Baştürk A, Polat C, Gündüz U, Mayır B, **Şehirli AÖ**. The protective effect of intraperitoneal medical ozone preconditioning and treatment on hepatotoxicity induced by methotrexate. *Int J Clin Exp Med.* 2015; 8(8):13303-9.

- 91.** Aslaner A, Çakır T, Çelik B, Doğan U, Mayir B, Akyüz C, Polat C, Baştürk A, Soyer V, Koç S, **Şehirli AÖ.** Does intraperitoneal medical ozone preconditioning and treatment ameliorate the methotrexate induced nephrotoxicity in rats? *Int J Clin Exp Med.* 2015; 8(8):13811-7
- 92.** Savtekin G, Tuzum MŞ, Uyanık LO, Ayali A, Velioğlu Öğünç A, Çetinel Ş, Kılıç E, **Şehirli AÖ.** Effects of melatonin and 5-methoxytryptophol on synovial inflammation in the zymosan-induced rheumatoid arthritis in rats. *Int J Clin Exp Med.* 2016; 9(4):7137-7144.
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8. Projects

Project Manager

1. Sıçanlarda isoproterenol ile oluşturulan myokard infarktüsünde resveratrolün koruyucu etkisinin incelenmesi. Marmara University Committee for Scientific Research Project, SAĞ-B-0300408-0063, 2012.
2. Sıçanlarda deneysel olarak geliştirilen iskemik kalp yetmezliğinde melatoninun koruyucu etkilerinin araştırılması. Marmara University Committee for Scientific Research Project SAĞ-C-YLP-040310-0032, 2013.
3. Sıçanlarda yanığa bağlı olarak gelişen akciğer hasarına karşı betainin koruyucu etkilerinin incelenmesi. M.Ü. Bilimsel Araştırma Projeleri Komisyonu SAĞ-B-150513-0147, 2014.

4.2. Project Participant

1. The protective effect of melatonin on renal ischemia-reperfusion injury in the rat. Marmara University Committee for Scientific Research Project, HEA-091/131200, 2001.
2. Melatonin improves cardiovascular function and reduces oxidative organ damage in the renal, cardiovascular and cerebral tissues of two-kidney, one-clip hypertensive rats.
3. Hemodynamic changes caused by experimental renovascular hypertension and investigation of the effects of melatonin against oxidative damage. Marmara University Committee for Scientific Research Project, SAG-BGS-270605-0145, 2006.
4. Comparison of antioxidant therapy with angiotensin converting enzyme inhibitors and angiotensin receptor antagonists in experimental chronic renal failure in rats. Health Institute Doctorate Thesis Project, Marmara University Committee for Scientific Research Project, SAĞ-DKR--201205-0228, 2006
5. Protective effects of antioxidants could modulate ACR-induced DNA damage and oxidative changes in rats tissues. Marmara University Committee for Scientific Research Project, SAG-BGS-270605-0133 2007.
6. The temporomandibular joint arthritis model in rats with zymosan the effects of melatonin and 5-metoksitriptofol of the histologic examination and radiological aspects. Near East University, Centre of Excellence, CE021-2015.

9. Administrative Affairs

10. Membership in Scientific and Administrative Organizations

11. Awards

12. Graduate and Undergraduate Courses Given in the Past Two Years.

Academic Year	Term	Course Code/Name	Hours/Weekly		Number of Students
			Teorical	Practical	
2020-2021	Fall	FAR105 /FARMAKOLOJİ	3		119
		PHR105/PHARMACOLOGY	3		56
		ANS 101/ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1	3		82
		FAR222 HEMŞİRELİĞE YÖNELİK FARMAKOLOJİ	3		1636
		ANS 201 ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1	2		71
		AHT203 ANESTEZİYE GİRİŞ-2	2		20
		FAR123 EBELİĞE YÖNELİK FARMAKOLOJİ	2		75
		PHAR223 PHARMACOLOGY FOR NURSES	2		57
		DHD300 /Girne Üniversitesi Diş Hekimliğinde Farmakoloji-2	2		35
	Spring				
		DTB200 /Temel tıp bilimleri komitesi-2	2		202
		DTC200/ Basic medical science committee 2	2		108
		DTB300- Temel tıp bilimleri komitesi-3	1		176
		DTC300 Basic medical science committee 2	1		85
		SMO208 Akılçılı ilaç Kullanımı	1		663
		TMG210-Farmakolojiye Giriş	3		6
		FAR102-Farmakoloji	2		175
		ADS206/Dönem Uygulaması	5	10	23
		PHR102 Pharmacology	2		12
		ANS102-	3		6
		AHT104	3		4
2021-2022	Fall	FAR105 /FARMAKOLOJİ	3		119
		PHR105/PHARMACOLOGY	3		56
		ANS 101/ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1			82
		FAR222 HEMŞİRELİĞE YÖNELİK FARMAKOLOJİ	3		1636
		ANS 201 ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1	2		71
		AHT203 ANESTEZİYE GİRİŞ-2	2		20
		FAR123 EBELİĞE YÖNELİK FARMAKOLOJİ	2		75

		PHAR223 PHARMACOLOGY FOR NURSES	2		57
		FAR333 DİL VE KONUŞMA TERAPİSİNDE FARMAKOLOJİ	2		8
	Spring				
		DTB200 /Temel tıp bilimleri komitesi-2	2		202
		DTC200/ Basic medical science committee 2	2		108
		DTB300- Temel tıp bilimleri komitesi-3	1		176
		DTC300 Basic medical science committee 2	1		85
		SMO208 Akılçılı İlaç Kullanımı	1		663
		TMG210-Farmakolojiye Giriş	3		6
		FAR102-Farmakoloji	2		175
		ADS206/Dönem Uygulaması		10	23
		PHR102 Pharmacology	2		12
		ANS102-Anestezi Teknikerliğinde Farmakoloji-2	3		6
		AHT104-Anesteziye Giriş-1	3		4
		VSH208/Rational Drug Using	1		15
2022-2023	Fall	FAR105 /FARMAKOLOJİ	3		119
		PHR105/PHARMACOLOGY	3		66
		ANS 101/ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1			94
		FAR222 HEMŞİRELİĞE YÖNELİK FARMAKOLOJİ	3		145
		ANS 201 ANESTEZİ TEKNİKERLİĞİNDE FARMAKOLOJİ-1	2		43
		AHT203 ANESTEZİYE GİRİŞ-2	2		10
		FAR123 EBELİĞE YÖNELİK FARMAKOLOJİ	2		56
		PHAR223 PHARMACOLOGY FOR NURSES	2		77
		FAR333 DİL VE KONUŞMA TERAPİSİNDE FARMAKOLOJİ	2		5
	Spring				
		DTB200 /Temel tıp bilimleri komitesi-2	2		156
		DTC200/ Basic medical science committee 2	2		88
		DTB300- Temel tıp bilimleri komitesi-3	1		168
		DTC300 Basic medical science committee 2	1		75
		SMO208 Akılçılı İlaç Kullanımı	1		486
		TMG210-Farmakolojiye Giriş	3		7

	FAR102-Farmakoloji	2		145
	ADS206/Dönem Uygulaması		10	13
	PHR102 Pharmacology	2		11
	ANS102-Anestezi Teknikerliğinde Farmakoloji-2	3		77
	AHT104-Anestezisi Giriş-1	3		13
	VSH208/Rational Drug Using	1		5