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|  |  |  |  |
| --- | --- | --- | --- |
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**5. Akademik Ünvanlar**

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**6. Yönetilen Yüksek Lisans ve Doktora Tezleri:**

**6.1**. **Yüksek Lisans Tezi**: Renal iskemi/reperfüzyon hasarında melatoninin koruyucu etkisi.

**6.2. Doktora Tezi**: Sıçanlarda deneysel olarak geliştirilen kronik renal yetmezliğin tedavisinde anjiyotensin dönüştürücü enzim inhibitörlerinin ve anjiyotensin reseptör antagonistlerinin antioksidan tedavi ile karşılaştırılması.

**7. Yayınlar**

**7.1. Uluslararası Yayınlar**

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.

1. Şener, G., **Şehirli A. Ö.,** Şatıroğlu 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.
2. 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.
3. 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.
4. Şener, G., **A. Ö. Şehirli**, H. Şatıroğlu, 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.
5. Şener G, **Şehirli Ö**, Şatıroğlu H, Kaçmaz A, Ayanoğlu-Dülger G, Yeğen ÇB. Octreotide Improves Burn-Induced Intestinal Injury In The Rat. *Peptides* 24: 123-127, 2003.
6. 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.
7. **Şehirli A Ö,** Şener G, Satıroglu 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.
8. 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.
9. Jahovıc 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.
10. 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.
11. 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.
12. Şener G, Şatıroğlu 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.
13. 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.
14. 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.
15. KabasakalL, **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.
16. Şener G, **Sehirli 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.
17. 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.
18. 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.
19. 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.
20. Gedik N, Kabasakal L, **Sehirli O**, Ercan F, Sirvanci 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.
21. Şener G, **Sehirli 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.
22. 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.
23. 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.
24. 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.
25. Omurtag ZG, Güranlıoğlu 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.
26. 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.
27. 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.
28. Çetiner M, Şener G, **Sehirli AÖ**, Ekşioglu-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.
29. 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.
30. Şener G, **Şehirli Ö**, Çetinel Ş, Ercan F, Yüksel M, Gedik N, Yeğen BÇ Amelioration of sepsis-induced hepatic and ileal injury in rats by the leukotriene receptor blocker montelukast. *Prostoglandins Leukotrienes and Essential Fatty Acids* 73(6): 453-462, 2005.
31. Sakarcan A, **Sehirli 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.
32. Şener G, Omurtag ZG, **Sehirli 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.
33. 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.
34. 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.
35. Şener G, Sert G, **Şehirli AÖ**, Arbak S, Uslu B, Gedik N, Ayanoglu-Dülger G. Pressure ulcer-induced oxidative organ injury is ameliorated by β-glucan treatment in rats. *International Immunopharmacol.* 6(5):724-32, 2006.
36. Şener G, Toklu H, **Şehirli AÖ**, Velioğlu-Ögünç A, Çetinel Ş, Gedik N. Protective Effects of Resveratrol Against Acetaminophen-Induced Toxicity In Mice. Toxicol Lett *Hepatol Res.* 35(1):62-8, 2006.
37. Şener G, **Şehirli AÖ**, Velioğlu-Ögünç A, Çetinel Ş, Gedik N, Caner M, Sakarcan A, Yegen BC. Montelukast protects against renal ischemia/reperfusion injury in rats. *Pharm Res* 54(1):65-71, 2006.
38. Şener G, Kabasakal L, **Şehirli AÖ**, Ercan F, Gedik N. 2-Mercaptoethane Sulfonate (MESNA) protects against biliary obstruction-induced oxidative damage in rats. *Hepatol. Res.* 35(2):140-6, 2006.
39. [Toklu HZ, **Şehirli AÖ**, Velioglu-Ogunc A, Cetinel S, Sener G.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16822497&query_hl=1&itool=pubmed_DocSum) Acetaminophen-induced toxicity is prevented by beta-D-glucan treatment in mice. *Eur J Pharmacol.*543(1-3):133-40, 2006.
40. [Şener G, Topaloglu N, **Özer Şehirli A**, Ercan F, Gedik N.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17035056&query_hl=1&itool=pubmed_DocSum) Resveratrol alleviates bleomycin-induced lung injury in rats. *Pulm Pharmacol Ther.* 20: 642-649, 2007.
41. [Tunali-Akbay T, Sener G, Salvarli H, **Şehirli Ö**, Yarat A.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17072828&query_hl=1&itool=pubmed_DocSum) Protective effects of Ginkgo biloba extract against mercury(II)-induced cardiovascular oxidative damage in rats. *Phytother Res.* 21(1):26-31, 2007.
42. [Tozan A, **Şehirli Ö**, Omurtag GZ, Cetinel S, Gedik N, Sener G.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17094175&query_hl=1&itool=pubmed_DocSum) Ginkgo biloba extract reduces naphthalene-induced oxidative damage in mice. *Phytother Res.* 21(1):72-7, 2007.
43. [Toklu HZ, Dumlu MU, **Sehirli O**, Ercan F, Gedik N, Gokmen V, Sener G.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17939210&ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Pomegranate peel extract prevents liver fibrosis in biliary-obstructed rats.J Pharm Pharmacol. 59(9):1287-95, 2007.
44. [Sener G, *Sehirli O*, Toklu H, Ercan F, Alican I.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17637175&ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Montelukast reduces ischaemia/reperfusion-induced bladder dysfunction and oxidant damage in the rat.J Pharm Pharmacol. 59(6):837-42, 2007.
45. [Sener G, Sakarcan A, **Sehirli O**, Eksioglu-Demiralp E, Sener E, Ercan F, Gedik N, Yegen BC.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17499745&ordinalpos=4&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) 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.
46. **Sehirli O**, [Sakarcan A, Velioglu-Ogunc A, Cetinel S, Gedik N, Yegen BC, Sener G.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17481685&ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Resveratrol improves ifosfamide-induced Fanconi syndrome in rats. Toxicol Appl Pharmacol. 222(1):33-41, 2007.
47. [Sener G, Aksoy H, **Sehirli O**, Yuksel M, Aral C, Gedik N, Cetinel S, Yegen BC.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17431768&ordinalpos=6&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Erdosteine prevents colonic inflammation through its antioxidant and free radical scavenging activities. Dig Dis Sci. 52(9):2122-32, 2007.
48. [Sener G, **Sehirli O**, Tozan A, Velioglu-Ovunc A, Gedik N, Omurtag GZ.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17267089&ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Ginkgo biloba extract protects against mercury(II)-induced oxidative tissue damage in rats. Food Chem Toxicol. 45(4):543-50, 2007.
49. [Dulundu E, Ozel Y, Topaloglu U, **Sehirli O**, Ercan F, Gedik N, Sener G.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17259747&ordinalpos=8&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Alpha-lipoic acid protects against hepatic ischemia-reperfusion injury in rats. Pharmacology. 79(3):163-70, 2007.
50. [Sener G, **Sehirli AO**, Gedik N, Dulger GA.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17467912&ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Rosiglitazone, a PPAR-gamma ligand, protects against burn-induced oxidative injury of remote organs. Burns. 33(5):587-93, 2007.
51. [Sener G, **Sehirli AO,** Toklu HZ, Yuksel M, Ercan F, Gedik N.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17216233&ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Erdosteine treatment attenuates oxidative stress and fibrosis in experimental biliary obstruction. Pediatr Surg Int. ,23(3):233-41, 2007.
52. [**Sehirli O**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20O%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener E](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20E%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Cetinel S](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cetinel%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Yüksel M](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Y%C3%BCksel%20M%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Gedik N](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Gedik%20N%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Alpha-lipoic acid protects against renal ischaemia-reperfusion injury in rats. Clin Exp Pharmacol Physiol. 2008; 35(3): 249-55.
53. [**Sehirli O**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20O%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Tatlidede E](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Tatlidede%20E%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Yüksel M](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Y%C3%BCksel%20M%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Erzik C](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Erzik%20C%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Cetinel S](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cetinel%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Yeğen BC](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Ye%C4%9Fen%20BC%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Antioxidant effect of alpha-lipoic acid against ethanol-induced gastric mucosal erosion in rats. Pharmacology. 2008;81(2):173-80.
54. [**Sehirli O**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20O%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Ozel Y](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Ozel%20Y%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Dulundu E](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Dulundu%20E%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Topaloglu U](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Topaloglu%20U%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Ercan F](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Ercan%20F%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Grape seed extract treatment reduces hepatic ischemia-reperfusion injury in rats. Phytother Res. 2008; 22(1): 43-8.
55. [**Sehirli O**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20O%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener E](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20E%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Cetinel S](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cetinel%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Erzik C](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Erzik%20C%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Yeğen BC](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Ye%C4%9Fen%20BC%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Ghrelin improves burn-induced multiple organ injury by depressing neutrophil infiltration and the release of pro-inflammatory cytokines. Peptides. 2008; 29(7):1231-40.
56. [Omurtag GZ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Omurtag%20GZ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Tozan A](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Tozan%20A%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [**Sehirli AO**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20AO%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Melatonin protects against endosulfan-induced oxidative tissue damage in rats. J Pineal Res. 2008 May;44(4):432-8.
57. [**Sehirli O**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sehirli%20O%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Tozan A](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Tozan%20A%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Omurtag GZ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Omurtag%20GZ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Cetinel S](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cetinel%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Contuk G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Contuk%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Gedik N](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Gedik%20N%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus), [Sener G](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sener%20G%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DiscoveryPanel.Pubmed_RVAbstractPlus). Protective effect of resveratrol against naphthalene-induced oxidative stress in mice. Ecotoxicol Environ Saf. 2008; 71:301-8.
58. 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.](http://www.ncbi.nlm.nih.gov/pubmed/19169920?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Free Radic Res. 2009; 23:1-11.
59. 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.
60. 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.](http://www.ncbi.nlm.nih.gov/pubmed/19562447?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Surg Today. 2009;39(7):592-7.
61. 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.](http://www.ncbi.nlm.nih.gov/pubmed/19549002?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) J Pineal Res. 2009 Aug;47(1):97-106.
62. Toklu HZ, **Sehirli O**, Ozyurt H, Mayadağli AA, Ekşioğlu-Demiralp E, Cetinel S, Sahin H, Yeğen BC, Ulusoylu Dumlu M, Gökmen V, Sener G. [Punica granatum peel extract protects against ionizing radiation-induced enteritis and leukocyte apoptosis in rats.](http://www.ncbi.nlm.nih.gov/pubmed/19478462?ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Radiat Res. 2009; 50(4): 345-53.
63. 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](http://www.ncbi.nlm.nih.gov/pubmed/19473430?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Hepatol Res. 2009; 39(8):814-21.
64. Velioğlu-Oğunc A, **Sehirli O**, Toklu HZ, Ozyurt H, Mayadağli 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.](http://www.ncbi.nlm.nih.gov/pubmed/19707923?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Free Radic Res. 2009; 43 (11): 1060-1071.
65. Kara M, Tellioglu G, **Sehirli O**, Yildar 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.](http://www.ncbi.nlm.nih.gov/pubmed/20030532) Ren Fail. 2009;31(10):956-63.
66. **Ozer Sehirli A,** Sener G, Ercan F. [Protective effects of pycnogenol against ischemia reperfusion-induced oxidative renal injury in rats.](http://www.ncbi.nlm.nih.gov/pubmed/19814636?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=1) Ren Fail. 2009;31(8):690-7
67. 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.](http://www.ncbi.nlm.nih.gov/pubmed/19610040?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Phytother Res. 2010; 24: 325-332.
68. 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](http://www.ncbi.nlm.nih.gov/pubmed/19515388?ordinalpos=4&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) J Surg Res. 2010; 159: 588-594.
69. Tunali-Akbay T, **Sehirli O**, Ercan F, Sener G. [Resveratrol protects against methotrexate-induced hepatic injury in rats.](http://www.ncbi.nlm.nih.gov/pubmed/20816014) J Pharm Pharm Sci. 2010;13(2):303-10
70. Toklu HZ, **Sehirli O**, Erşahin M, Süleymanoğlu S, Yiğiner O, Emekli-Alturfan E, Yarat A, Yeğen BÇ, 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.](http://www.ncbi.nlm.nih.gov/pubmed/21054406) J Pharm Pharmacol. 2010 Dec;62(12):1784-93
71. 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.](http://www.ncbi.nlm.nih.gov/pubmed/20467345) Pancreas. 2010 Oct;39(7):1041-6.
72. Emekli-Alturfan E, Yarat A, Tunalı-Akbay T, Işık F, Yenidoğan G, Şener G, **Şehirli O**, Pişiriciler R, Ak E, Altıntaş A. Effect of black cumin (Nigella sativa) seed oil on gastric tissue in experimental colitis. Advances in Enviromental Biology. 2011, 5: 483-490.
73. Bulut NE, Özkan E, Ekinci O, Dulundu E, Topaloğlu Ü, **Şehirli AÖ**, Ercan F, Şener G. [Beneficial effects of alpha lipoic acid on cerulein-induced experimental acute pancreatitis in rats.](http://www.ncbi.nlm.nih.gov/pubmed/22090321) Ulus Travma Acil Cerrahi Derg. 2011 Sep;17(5):383-9
74. Çakır T, Özkan E, Dulundu E, Topaloğlu Ü, **Şehirli AÖ**, Ercan F, Şener E, Şener G. [Caffeic acid phenethyl ester (CAPE) prevents methotrexate-induced hepatorenal oxidative injury in rats.](http://www.ncbi.nlm.nih.gov/pubmed/22060287) J Pharm Pharmacol. 2011 Dec;63(12):1566-71
75. 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.](http://www.ncbi.nlm.nih.gov/pubmed/22079843) J Surg Res. 2012 176 (1): 232-238.
76. Avci G, Kadioglu H, **Sehirli AO**, Bozkurt S, Guclu O, Arslan E, Muratli SK. [Curcumin protects against ischemia/reperfusion injury in rat skeletal muscle.](http://www.ncbi.nlm.nih.gov/pubmed/22079841) J Surg Res. 2012 Jan;172(1):e39-46.
77. 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.](http://www.ncbi.nlm.nih.gov/pubmed/21947844) Mol Biol Rep. 2012 Apr;39(4):4589-96
78. [Saglam IY](http://www.ncbi.nlm.nih.gov/pubmed?term=Saglam%20IY%5BAuthor%5D&cauthor=true&cauthor_uid=23756977), [Ozdamar EN](http://www.ncbi.nlm.nih.gov/pubmed?term=Ozdamar%20EN%5BAuthor%5D&cauthor=true&cauthor_uid=23756977), [Demiralay E](http://www.ncbi.nlm.nih.gov/pubmed?term=Demiralay%20E%5BAuthor%5D&cauthor=true&cauthor_uid=23756977), [**Sehirli AO**](http://www.ncbi.nlm.nih.gov/pubmed?term=Sehirli%20AO%5BAuthor%5D&cauthor=true&cauthor_uid=23756977), [Sener G](http://www.ncbi.nlm.nih.gov/pubmed?term=Sener%20G%5BAuthor%5D&cauthor=true&cauthor_uid=23756977), [Saglam E](http://www.ncbi.nlm.nih.gov/pubmed?term=Saglam%20E%5BAuthor%5D&cauthor=true&cauthor_uid=23756977). The effect of captopril on brain apoptosis after burn injury in rats. [Turk Neurosurg.](http://www.ncbi.nlm.nih.gov/pubmed/23756977%22%20%5Co%20%22Turkish%20neurosurgery.) 2013;23(3):366-71
79. **Şehirli AÖ**, Koyun D, Tetik Ş, Özsavcı D, Yiğiner Ö, Çetinel Ş, Tok OE, Kaya Z, Akkiprik M, Kılıç E, Şener G. [Melatonin protects against ischemic heart failure in rats.](http://www.ncbi.nlm.nih.gov/pubmed/23551402) J Pineal Res. 2013 Sep;55(2):138-48.
80. Yılmaz Savcun G, Özkan E, Dulundu E, Topaloğlu Ü, **Sehirli AO**, Tok OE, Ercan F, Sener G. Antioxidant and Anti-inflammatory Effects of Curcumin Against Hepatorenal Oxidative Injury in the Experimental Sepsis Model Created in Rats Ulus Travma Acil Cerr Derg 2013;6:507-15.
81. Yalcin M, Yiğiner O, Eroğlu M, **Sehirli O**, Berber U, Ozçelik F, Sener G. [Effect of hyperbaric oxygen treatment in a rat model of abdominal aortic aneurysm.](http://www.ncbi.nlm.nih.gov/pubmed/24649712) Undersea Hyperb Med. 2014; 41(1): 9-15.
82. Sağlam E, **Sehirli AO**, Ozdamar EN, Contuk G, Cetinel S, Ozsavcı D, Süleymanoğlu S, Sener G. Captopril protects against burn-induced cardiopulmonary injury in rats. [Ulus Travma Acil Cerrahi Derg.](http://www.ncbi.nlm.nih.gov/pubmed/24936835%22%20%5Co%20%22Ulusal%20travma%20ve%20acil%20cerrahi%20dergisi%20%3D%20Turkish%20journal%20of%20trauma%20%26%20emergency%20surgery%20%3A%20TJTES.) 2014; 20: 151-60.
83. Reyhan E, Irkorucu O, Surmelioglu A, Ozkara S, Deger KC, Aziret M, Erdem H, Cetinkunar S, Demirturk P, **Sehirli AO**. Efficacy of Pentoxifylline and Tadalafil in Rat Model of Ischemic ColITIS. [J Invest Surg.](http://www.ncbi.nlm.nih.gov/pubmed/25361018%22%20%5Co%20%22Journal%20of%20investigative%20surgery%20%3A%20the%20official%20journal%20of%20the%20Academy%20of%20Surgical%20Research.) 2014;27:349-53
84. **Sehirli 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.](http://www.ncbi.nlm.nih.gov/pubmed/25903951) J Physiol Pharmacol. 2015;66(2):203-14.
85. Çakır T, Baştürk A, Polat C, Aslaner A, Durgut H, Şehirli AÖ, Gül M, Öğünç AV, Gül S, Sabuncuoglu MZ, Oruç MT. [Does alfa lipoic acid prevent liver from methotrexate induced oxidative injury in rats?](http://www.ncbi.nlm.nih.gov/pubmed/25923257) Acta Cir Bras. 2015;30(4):247-52.
86. Rayaman P, Rayaman E, Cevikbaş A, Demirtunç R, **Sehirli AO**, Alagöz SG, Gürer US. [Effect of Antibiotics on Polymorphonuclear Leukocyte Functions and Myeloperoxidase Activity, Glutathione and Malondialdehyde Levels in Allergic Asthma.](http://www.ncbi.nlm.nih.gov/pubmed/26094319) Pol J Microbiol. 2015;64(1):69-72.
87. Kerımoğlu O, Şahbaz S, **Şehırlı Ö**, Ozdemır ZN, Çetınel Ş, Dortunç B, Şener G. [Pharmacodynamıcal evaluatıon of matrıx type transdermal therapeutıc systems contaınıng captoprıl.](http://www.ncbi.nlm.nih.gov/pubmed/26647638) Acta Pol Pharm. 2015;72(4):799-806.
88. Çakır T, Polat C, Baştürk A, Gül M, Aslaner A, Durgut H, **Şehirli AÖ**, Aykaç A, Bahar L, Sabuncuoglu MZ. [The effect of alpha lipoic acid on rat kidneys in methotrexate induced oxidative injury.](http://www.ncbi.nlm.nih.gov/pubmed/26125279) Eur Rev Med Pharmacol Sci. 2015 Jun;19(11):2132-9.
89. Aslaner A, Çakır T, Çelik B, Doğan U, Akyüz C, Baştürk A, Polat C, Gündüz U, Mayir B, **Şehirli AÖ**. [The protective effect of intraperitoneal medical ozone preconditioning and treatment on hepatotoxicity induced by methotrexate.](http://www.ncbi.nlm.nih.gov/pubmed/26550257) Int J Clin Exp Med. 2015; 8(8):13303-9.
90. 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?](http://www.ncbi.nlm.nih.gov/pubmed/26550330) Int J Clin Exp Med. 2015; 8(8):13811-7
91. Savtekin G, Tuzum MŞ, Uyanik 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.
92. **Şehirli AÖ**, Satılmış B, Tetik Ş, Çetinel Ş, Yeğen B, Aykaç A, Şener G. Protectıve effect of betaıne agaınst burn ınduced pulmonary ınjury ın rats . Ulus Travma Acil Cerrahi Derg. 2016;;22:417-422.
93. Uzun O, Yaşar NF, Akyüz C, Peker KD, **Sehirli AO**, Cetinel S, Duman M. [Effects of ghrelin on colonic anastomosis following radiotherapy](http://scholar.google.com/citations?view_op=view_citation&hl=en&user=WNPZLxIAAAAJ&cstart=100&citation_for_view=WNPZLxIAAAAJ:738O_yMBCRsC). Int J Clin Exp Med. 2016;9(8): 16529-16534.
94. Duran A, Ciloglu S, **Sehirli O**, Yigit A, Buyukdogan H, Duran A, Elcioglu K, Kabasakal L. Apocynin and dimethyl sulfoxide synergistically protect against ischemia-reperfusion injury in a rat hind limb ischemia-reperfusion model. European J. Plastic Surgery. 2017;40(6): 599-
95. Beceren A, **Sehirli AO**, Omurtag GZ, Arbak S, Turan P, Sener G. [Protective effect of N-Acetyl-L-Cysteine (NAC) on endosulfan-induced liver and kidney toxicity in rats Int J Clin Exp Med 10 (7), 10031-10039](https://int.search.tb.ask.com/search/GGmain.jhtml?st=sb&p2=%5EBSB%5Exdm071%5ETTAB02%5Etr&ptb=A1CB2223-9E91-4E9B-BEB2-EBC43EB541EB&n=783a8a49&si=CIrm26DLiNcCFUEaGwodD14Itw&tpr=sc&searchfor=Protective+effect+of+N-Acetyl-L-Cysteine+%28NAC%29+on+endosulfan-induced+liver+and+kidney+toxicity+in+rats+A+Beceren%2C+A%C3%96+%C5%9Eehirli%2C+GZ+Omurtag%2C+SArbak%2C+P+Turan%2C+G+%C5%9Eener+Int+J+Clin+Exp+Med+10+%287%29%2C+10031-10039&ots=1521232406566&ots=1521232416159)
96. Arpag H, Gül M, Aydemir Y, Atilla N, Yiğitcan B, Cakir T, Polat C, **Şehirli Ö**, Sayan M. [Protective Effects of Alpha-Lipoic Acid on Methotrexate-Induced Oxidative Lung Injury in Rats.](https://www.ncbi.nlm.nih.gov/pubmed/28340320) J Invest Surg. 2018;31(2):107-113.
97. Aykac A, Karanlik B, **Sehirli AO**. [Protective effect of silk fibroin in burn injury in rat model.](https://www.ncbi.nlm.nih.gov/pubmed/29037999) Gene. 2018;641:287-291.
98. Akyuz, C., Yasar, N.F., Uzun, O., Peker, K.D., Sunamak, O., Duman, M.,**Sehirli, A.O**., Yol, S. (2018). Effects of melatonin on colonic anastomosis healing following chemotherapy in rats. Singapore Med J. 59(10):545-549.
99. Savtekin, G., **Sehirli, A.O.** (2018). Rheumatoid arthritis in temporo-mandibular joint: A review. Niger J Clin Pract. 21(10):1243-1246. doi: 10.4103/njcp.njcp\_117\_18. ISSN:1119-3077
100. Akyuz, E.Y., Akyuz, C., Kiziltan, G., **Sehirli, A.O**., Cetinel, S. (2018). The effects of oral nutritional formula enriched with arginine, omega 3 fatty acids and nucleotides on methotrexate-induced experimental intestinal mucositis Progress in Nutrition 20 (2): 248-256. DOI: 10.23751/pn.v20i2.6396 ISSN: 1129-8723
101. Savtekin, G., Serakinci, N., Erzik, C., Cetinel, S., **Sehirli, A.O.** (2018). Effects of Circadian Rhythm Hormones Melatonin and 5-Methoxytryptophol on COXs, Raf-1 and STAT3. International Journal of Pharmacology 14 (6), 787-795. DOI: 10.3923/ijp.2018.787.795 ISSN:1811-7775
102. **Sehirli AO**, Aksoy U, Kermeoglu F, Kalender A, Savtekin G, Ozkayalar H, Sayiner S. Protective effect of alpha-lipoic acid against apical periodontitis-induced cardiac injury in rats. Eur J Oral Sci. 2019 Aug;127(4):333-339. DOI: 10.1111/eos.12618 ISSN:0909-8836
103. Aksoy U, Savtekin G, **Şehirli AÖ**, Kermeoğlu F, Kalender A, Özkayalar H, Sayıner S, Orhan K. Effects of alpha-lipoic acid therapy on experimentally induced apical periodontitis: a biochemical, histopathological and micro-CT analysis. Int Endod J. 2019 Sep;52(9):1317-1326 DOI: 10.1111/iej.13121 ISSN: 0143-2885
104. Aykaç A, **Sehirli AO**. The effects of citalopram and low-dose risperidone on memory and anxiety in rats subjected to chronic immobilization stress. Psychiatry and Clinical Psychopharmacology, 2019; 3: 244-251. DOI: 10.1080/24750573.2018.1488922 ISSN:2475-0573
105. Aykac A, **Şehirli AÖ**, Gören MZ. Evaluation of the Effect of Prazosin Treatment on α-2c Adrenoceptor and Apoptosis Protein Levels in the Predator Scent-Induced Rat Model of Post-Traumatic Stress Disorder. J Mol Neurosci. 2020 Jul;70(7):1120-1129. doi: 10.1007/s12031-020-01518-7. Epub 2020 Mar 4. PMID: 32133592. ISSN:0895-8696
106. Sayiner S, Fidanci UR, Kucukersan S, Kismali G, Meral O**, Sehirli AO**, Sel T, Karagul H. Vitamin A, calcium, phosphorus and magnesium status of heifers grazing in Northern Cyprus. Trop Anim Health Prod. 2020 Jul;52(4):1869-1874. doi: 10.1007/s11250-020-02210-z. Epub 2020 Jan 17. PMID: 31953691. ISSN:0049-4747
107. Aykac A, **Şehirli AÖ**. The Role of the SLC Transporters Protein in the Neurodegenerative Disorders. Clin Psychopharmacol Neurosci. 2020 May 31;18(2):174-187. doi: 10.9758/cpn.2020.18.2.174. PMID: 32329299; PMCID: PMC7236796.08. ISSN:1738-1088
108. **Sehirli AO**, Sayiner S, Serakinci N. Role of melatonin in the treatment of COVID-19; as an adjuvant through cluster differentiation 147 (CD147). Mol Biol Rep. 2020 Oct;47(10):8229-8233. doi: 10.1007/s11033-020-05830-8. Epub 2020 Sep 12. PMID: 32920757; PMCID: PMC7486968. ISSN:0301-4851
109. **Sehirli AO**, Sayiner S, Velioglu-Ogunc A, Serakıncı N, Eksioglu-Demiralp E, Yegen B, Ercan F, Sener G. The Influence of N-Acetylcysteine Alone and in Combination with Angiotensin Converting Enzyme Inhibitor and Angiotensin Receptor Antagonist on Systemic and Tissue Levels in Rats with Experimentally-Induced Chronic Renal Failure. Pakistan J Zool 2020;52: 1263-1274. DOI:10.17582/journal.pjz/20190717180723 ISSN: 0030-9923
110. Mercan M, **Şehirli AÖ**, Chukwunyere U, Abacıoğlu N. Acute kidney injury due to COVID-19 and the circadian rhythm. Med Hypotheses. 2021 Jan;146:110463. doi: 10.1016/j.mehy.2020.110463. Epub 2020 Dec 30. PMID: 33387941; PMCID: PMC7833969. ISSN: 0306-9877
111. **Şehirli AÖ**, Sayıner S. Daylight is critical to preserve 5-methoxytryptophol levels in suspected and confirmed COVID-19 patients. Med Hypotheses. 2021 Feb;147:110504. doi: 10.1016/j.mehy.2021.110504. Epub 2021 Jan 19. PMID: 33485026; PMCID: PMC7816952. ISSN: 0306-9877
112. Kermeoğlu F, Aksoy U, Sebai A, Savtekin G, Özkayalar H, Sayıner S, **Şehirli AÖ**. Anti-Inflammatory Effects of Melatonin and 5-Methoxytryptophol on Lipopolysaccharide-Induced Acute Pulpitis in Rats. Biomed Res Int. 2021 Feb 12;2021:8884041. doi: 10.1155/2021/8884041. PMID: 33628825; PMCID: PMC7895566. ISSN:2314-6133
113. **Şehirli AÖ**, Sayiner S, Savtekin G, Velioğlu-Öğünç A. Protective effect of bromelain on corrosive burn in rats. Burns 2021: 47 (6), 1352-1358. DOI: 10.1016/j.burns.2020.12.006 ISSN:0305-4179
114. **Şehirli AÖ**, Kökeş A, Velioğlu-Öğünç A, Tetik Ş, Özkan N, Çetinel Ş, Sayiner S, Dülger G. The Effects of Spironolactone in Preventing Bile Duct Ligation-induced Hepatitis in A Rat Model. Iranian Journal of Pharmaceutical Research. 2021: 20 (2), 35-44. doi: 10.22037/ijpr.2020.112488.13786. ISSN:1735-0328
115. **Sehirli AO**, Sayıner S, Chukwunyere U, Serakinci N. Role of Melatonin in Angiotensin and Aging. Molecules. 2021 Jul 31;26(15):4666. doi: 10.3390/molecules26154666. PMID: 34361818; PMCID: PMC8347812. eISSN:1420-3049
116. **Sehirli AÖ**, Chukwunyere U, Aksoy U, Sayiner S, Abacioglu N. The circadian clock gene Bmal1: Role in COVID-19 and periodontitis. Chronobiol Int. 2021 Jun;38(6):779-784. doi: 10.1080/07420528.2021.1895198. Epub 2021 Apr 1. PMID: 33792447. ISSN: 0742-0528
117. Chukwunyere U, **Sehirli AO**, Abacioglu N. COVID-19-related arrhythmias and the possible effects of ranolazine. Med Hypotheses. 2021 Apr;149:110545. doi: 10.1016/j.mehy.2021.110545. Epub 2021 Feb 18. PMID: 33636586; PMCID: PMC7890340. ISSN:0306-9877
118. **Şehirli AÖ**, Aksoy U, Koca-Ünsal RB, Sayıner S. Role of NLRP3 inflammasome in COVID-19 and periodontitis: Possible protective effect of melatonin. Med Hypotheses. 2021 Jun;151:110588. doi: 10.1016/j.mehy.2021.110588. Epub 2021 Mar 30. PMID: 33848919; PMCID: PMC8007534. ISSN:0306-9877
119. Sayıner S, **Şehirli AO**, Serakıncı N. Alpha Lipoic Acid as a Potential Treatment for COVID-19-A Hypothesis. Current Topıcs ın Nutraceutıcal Research Vol. 19, No. 2, pp. 172–175, 2021. doi: https://doi.org/10.37290/ctnr2641–452X. ISSN:1540-7535
120. Chukwunyere U, Mercan M, **Sehirli AO**, Abacioglu N. Possible cytoprotective mechanisms of oxytocin against 5-fluorouracil-induced gastrointestinal mucositis. Mol Biol Rep. 2022 May;49(5):4055-4059. doi: 10.1007/s11033-022-07384-3. Epub 2022 Apr 26. PMID: 35474056. ISSN:0301-4851
121. Gultekin C, **Sehirli AO**, Cetinel S, Sayiner S. Could Ambroxol reduce cytokines in hepatic ischemia-reperfusion injury in rats? Bratisl Lek Listy. 2022;123(5):381-384. doi: 10.4149/BLL\_2022\_060. PMID: 35420884. ISSN:0006-9248
122. Haskologlu IC, Erdag E, Sayiner S, Abacioglu N, **Sehirli AO**. Melatonin and REGN-CoV2 combination as a vaccine adjuvant for Omicron variant of SARS-CoV-2. Mol Biol Rep. 2022 May;49(5):4061-4068. doi: 10.1007/s11033-022-07419-9. Epub 2022 Apr 7. PMID: 35389130; PMCID: PMC8986966. ISSN: 0301-4851
123. Kermeoğlu F, Sayıner S, **Şehirli AÖ**, Savtekin G, Aksoy U. Does α-lipoic acid therapeutically effective against experimentally induced-acute pulpitis in rats? Aust Endod J. 2022 Mar 15. doi: 10.1111/aej.12618. Epub ahead of print. PMID: 35290687. ISSN: 1329-1947
124. Bilginaylar K, Aykac A, Sayiner S, Özkayalar H, **Şehirli AÖ**. Evaluation of the antiapoptotic and anti-inflammatory properties of chitosan in methotrexate-induced oral mucositis in rats. Mol Biol Rep. 2022 Apr;49(4):3237-3245. doi: 10.1007/s11033-022-07158-x. Epub 2022 Jan 21. PMID: 35064410. ISSN: 0301-4851
125. Kucuk M, Aksoy U, **Şehirli AÖ**. Possıble protectıve effects of Bmal1 gene and melatonın on the prognosıs of apıcal perıodontıtıs. 2022;162:110806. DOI: 10.1016/j.mehy.2022.110806. ISSN:0306-9877
126. SAH, H.; GÜLMEZ, N.; SÖYLER, G.; SAYINER, S.; **SEHIRLI, A. Ö**. & KÜKNER, A. Effect of kefir on increased apoptosis in liver and kidney in cisplatin toxicity. Int. J. Morphol., 40(2):480-488, 2022. ISSN:0717-9502
127. Gultekin C, Sayıner S, Çetinel Ş, **Şehirli AÖ**. Does Ambroxol alleviate kidney ischemia-reperfusion injury in rats? Iranian Journal of Basic Medical Sciences 2022;25(8): 1037-1041. ISSN: 2008-3866
128. Koca-Ünsal RB, **Şehirli AÖ**, Sayıner S, Aksoy U. Relationship of NLRP3 inflammasome with periodontal, endodontic and related systemic diseases. Mol Biol Rep. 2022 Sep 15. doi: 10.1007/s11033-022-07894-0. . ISSN: 0301-4851
129. Paksoy T, Ustaoğlu G, **Şehirli AÖ**, Ünsal RBK, Sayıner S, Orhan K, Aycı NB, Çetinel Ş, Aksoy U. Evaluation of the oxytocin effect in a rat model with experimental periodontitis. Naunyn Schmiedebergs Arch Pharmacol. 2022 Sep 17. doi: 10.1007/s00210-022-02293-5. ISSN: 0028-1298 Epub ahead of print. PMID: 36114855.
130. Ceylanlı D, **Şehirli AÖ**, Gençosman S, Teralı K, Şah H, Gülmez N, Sayıner S. Protective Effects of Alpha-Lipoic Acid against 5-Fluorouracil-Induced Gastrointestinal Mucositis in Rats. Antioxidants (Basel). 2022 Sep 28;11(10):1930. doi: 10.3390/antiox11101930. PMID: 36290656; PMCID: PMC9598092.
131. Madaki Z, Abacioglu N, Usman AG, Taner N, **Sehirli AO**, Abba SI. Novel Hybridized Computational Paradigms Integrated with Five Stand-Alone Algorithms for Clinical Prediction of HCV Status among Patients: A Data-Driven Technique. Life (Basel). 2022 Dec 27;13(1):79. doi: 10.3390/life13010079. PMID: 36676028; PMCID: PMC9866913.
132. Taner N, Haskologlu IC, Erdag E, Mercan M, Chuckwunyere U, Ulker D, **Sehirli AO**, Abacioglu N. Chronobiological Efficacy of Combined Therapy of Pelargonium Sidoides and Melatonin in Acute and Persistent Cases of COVID-19: A Hypothetical Approach. Adv Exp Med Biol. 2023;1412:427-442. doi: 10.1007/978-3-031-28012-2\_23. PMID: 37378781.
133. Mercan M, **Sehirli AO**, Gultekin C, Chukwunyere U, Sayiner S, Gencosman S, Cetinel S, Abacioglu N. MESNA (2-Mercaptoethanesulfonate) Attenuates Brain, Heart, and Lung Injury Induced by Carotid Ischemia-Reperfusion in Rats. Niger J Clin Pract. 2023 Jul;26(7):941-948. doi: 10.4103/njcp.njcp\_654\_22. PMID: 37635578.
134. Paksoy T, Ustaoğlu G, **Şehirli AÖ**, Ünsal RBK, Sayıner S, Orhan K, Aycı NB, Çetinel Ş, Aksoy U, Öğünç AV. Effect of bromelain on periodontal destruction and alveolar bone in rats with experimental periodontitis. Int Immunopharmacol. 2023 Aug;121:110446. doi: 10.1016/j.intimp.2023.110446. Epub 2023 Jun 7. PMID: 37290321.
135. Erdag E, Haskologlu IC, Mercan M, Abacioglu N, **Sehirli AO**. An in silico investigation: Can melatonin serve as an adjuvant in NR1D1-linked chronotherapy for amyotrophic lateral sclerosis? Chronobiol Int. 2023 Oct 2:1-9. doi: 10.1080/07420528.2023.2265476. Epub ahead of print. PMID: 37781884.

**7.2. ESCI ve SCOPUS İNDEKSLİ YAYINLAR**

1. **Sehirli AO**, Tatlıdede E, Yüksel M, Çetinel S, Erzik C, Gedik N, Yeğen BÇ, Şener G. Protective effects of alpha-lipoic acid against oxidative injury in TNBS-induced colitis. Erciyes Med. J 2009; 31: 15-26.
2. Akıcı A, Alp Fİ, Ayanoğlu Dülger G, Elçioğlu K, Gümüşel B, Gündüz Ö, Kabasakal L, Kaleli Durman D, Kelicen P, Kerry Z, Melli M, Onay Beşikci A, Özbay L, Özçelikay T, Özdemir O, Rollas S, Sevin G, **Sehirli AO,** Tel BC, Toklu HZ, Turan NN, Üstünes L, Yarış E, Yerer MB. Serbest eczanelerde ilaç sunumu sürecinde karşılaşılan sorunlar: akılcı ilaç kullanımı yönünden değerlendirme. Hacettepe Eczacılık Fakültesi Dergisi Cilt 29: 1, 75-80, 2010.
3. Toklu H, **Şehirli Ö**, Şahin H, Çetinel Ş, Yeğen BC, Şener G. Resveratrol supplementation protects against chronic nicotine-induced oxidative damage and organ dysfunction in the rat urogenital system. Marmara Eczacılık Dergisi cilt 14: 1, 53-60, 2010.
4. **Sehirli Ö**, Sener G. [Protective effect of erdosteine against naphthalene-induced oxidative stress in rats](http://www.marmaraeczacilikdergisi.com/summary.php3?id=244) Marmara Eczacılık Dergisi cilt 14: 2, 67-73, 2010.
5. **Şehirli Ö**, Ünlü B, Çetinel Ş, Tetik Ş, Şener E, Şener G. [Etanercept protects remote organ damage in a rat model of thermal injury](http://www.marmaraeczacilikdergisi.com/summary.php3?id=276). Marmara Eczacılık Dergisi cilt 15: 3, 118-124, 2011.
6. Tozan-Beceren A, **Şehirli AÖ**, Eksioglu-Demiralp E, Şener G,Omurtag GZ. Melatonin Protects Against Acrylamide-Induced Oxidative Tissue Damage in Rats. *Marmara Pharmaceutical* Journal. 2012; 16:134-142.
7. Şirvancı Yalabık M, **Şehirli Ö**, Utkan T, Arıcıoğlu F. Streptozosin ile oluşturulan deneysel Alzheimer modelinde Agmatinin etkilerinin araştırılması. MÜSBED 2013;3:145-153.
8. Rayaman P, Rayaman E, Çevikbaş A, Demirtunç R, **Şehirli AÖ**, Soyoğul Gürer Ü. Bazı antibiyotiklerin Tip 2 diabetes mellitus’lu hastaların polimorfnüklear lökosit (PNL) fonksiyonları ve PNL’lerin miyeloperoksidaz aktivitesi, glutatyon ile malondialdehit düzeyleri üzerine in vitro etkisi. MÜSBED 2013;3:200-207.
9. Ak E, Çikler Dülger E, **Şehirli AO**, Tetik Ş, Pişiriciler R, Şener G, Çetinel Ş. Sudan kaçınma stresi uygulanmış erkek sıçan mesanesinde oksitosinin etkisi. Işık ve elektron mikroskobik inceleme. *Marmara Pharmaceutical* Journal. 2015; 19:19-26.
10. Kerimoğlu O, Şahbaz S, **Şehirli AO**, Dortunç B, Şener G. Mechanical evaluation of matrix type transdermal therapeutic systems containing captopril. *Marmara Pharmaceutical* Journal. 2015; 19:67-72.
11. Kökümer M, **Şehirli AO**. İlaca bağlı glukoz ve insülin bozuklukları. MUSBED. 2014;4:248-252.
12. Kökümer M, **Şehirli AO**. İlaca bağlı tiroid bozuklukları. MUSBED. 2015; 5: 191-196.
13. Özkan N, **Şehirli AO**, Koç M, Çetinel Ş. [Histomorphological Changes of Apelin Treatment in Renal Tissue in Doxorubicin-induced Nephrotic Syndrome Model](http://avesyayincilik.us11.list-manage.com/track/click?u=29d896c53b2bca12baf3be666&id=b6158585d3&e=c2fa4570b4" \t "_blank). Clin Exp Health Sci 2016; 6: 20-27.
14. Kıran D, Tok OE, **Şehirli AO**, Gökçe AM, Ercan F. Prenatal sıçan mesanesi üzerine elektromanyetik dalganın etkilerinin morfolojik ve biyokimyasal olarak incelenmesi. Marmara Medical Journal 30 (3), 146-154
15. Atalay, S., Soylu, B., Aykaç, A., Öğünç, A.V., Çetinel, Ş., Özkan, N., Erzik, C., **Şehirli, A.Ö**. (2018). Protective effects of St. John’s wort in the hepatic ischemia/reperfusion injury in rats. Turk J Surg.;34(3):198-204. DOI: 10.5152/turkjsurg.2018.3952 ISSN:2564-6850
16. Akyüz, C., Uzun, O., Sunamak, O., Velioğlu-Öğünç, A., Çetinel, Ş., **Şehirli, A.Ö**. (2018). The protective effect of spironolactone and role of the Na+/K+- ATPase pump on intestinal ischemia/reperfusion injury. Marmara Pharmaceutical Journal 22(3): 429-435. DOI : 10.12991/jrp.2018.83 ISSN: 2630-6344
17. Aykaç, A., Karanlık, B., **Şehirli, A.Ö.** (2018). Potential protective effects of silk fibroin against ethanol induced gastric ulcer. Marmara Pharmaceutical Journal 22(2): 163-172. DOI : 10.12991/mpj.2018.53 ISSN: 2630-6344 ISSN: 2630-6344
18. **Sehirli, A.O**., Savtekin G. (2018). Pharmacologic effect of 5-Methoxytryptophol. Cyprus Journal of Medical Science 2018;3: 189-192. DOI: 10.5152/cjms.2018.566 ISSN:2149-7893
19. Guden DS, **Sehirli AO.** An Overview of Experimental Models on Ischemic Heart Diseases.Clinical and Experimental Health Sciences 2019: 9 (4), 358-365 DOI: 10.33808/clinexphealthsci.598928 ISSN:2459-1459
20. Atalay, S., Soylu, B., Aykaç, A., Öğünç, A.V., Çetinel, Ş., Özkan, N., Erzik, C., **Şehirli, A.Ö.** (2019). Protective effects of spironolactone against hepatic ischemia/reperfusion injury in rats. Turk J Surg.;35(4):285-292. DOI: 10.5578/turkjsurg.4340 ISSN:2564-6850
21. **Sehirli AO**, Aykac A, Tetik S, Yiginer O, Cetinel S, Ozkan N, Akkiprik M, Kaya Z, Yegen BC, Tezcan M, Sener G. The effects of resveratrol treatment on caveolin-3 expression and Na+/K+ ATPase activity in rats with isoproterenol-induced myocardial injury. North Clin Istanb. 2020 Jun 4;7(4):313-320. doi: 10.14744/nci.2020.97957. PMID: 33043254; PMCID: PMC7521088. ISSN:2148-4902
22. Gunay E, Ozkan E, Abuoglu HH, Aykac A, Ogunc AV, Karanlık B, Cetinel S, **Sehirli AO.** Protective Effect of Nigella Sativa Oil Against Indomethacin-Related Small Intestine and Gastric Mucosal Damage in Rats. Cyprus Journal Of Medical Sciences. 2021; 6(1): 8-12. Doi: 10.5152/cjms.2021.1045 ISSN: 2149-7893
23. Aykac A, **Sehirli AÖ.** The Function and Expression of ATP-Binding Cassette Transporters Proteins in the Alzheimer's Disease. Glob Med Genet. 2021 Sep 17;8(4):149-155. doi: 10.1055/s-0041-1735541. PMID: 34877572; PMCID: PMC8635834. ISSN: 2699-9404
24. Aykac A, Ozbeyli D, Pekol G, **Sehirli AO**. Evaluation of the Effects of Donepezil, Memantine and alpha-lipoic Acid Combined Administration in Amnesia Rats on Impaired Cognitive Functions in Terms of Behavioural, Apoptotic, Cholinergic and Glutamatergic Systems. Clin Exp Health Sci 2021; 11: 733-741. DOI: 10.33808/clinexphealthsci.856459 ISSN:2459-1459
25. Fersahoglu MM, Özkan E, Velioglu-Ogunc A, Sayıner S, Ercan F, Çilingir-Kaya ÖT, **Şehirli AÖ**. Impact of Pycnogenol on Acetaminophen-Induced Hepatorenal Damage. Biointerface Research in Applied Chemistry 2022:12(6): 8070-8080. DOI: 10.33263/BRIAC126.80708080 ISSN:2069-5837
26. Aykaç A, Şah H, Kükner A, Sayıner S, **Şehirli AÖ**. Effects of Chitosan on Cisplatin-Induced Hepatorenal Toxicity in an Animal Model. İstanbul Med J 2022; 23(3): 183-8. DOI: 10.4274/imj.galenos.2022.54077
27. Yenice Çakmak G, **Şehirli AÖ.** Treatment of Behçet’s dısease and current approaches. J. Fac. Pharm. Ankara / Ankara Ecz. Fak. Derg., 46(2): 619-650, 2022. Doi: 10.33483/jfpau.1036803
28. Ender F, Sayıner S, Abacıoğlu N, **Sehirli AO**. Could Molnupiravir Have an Ameliorative Effect in Pets with COVID-19? Letters in Applied NanoBioScience 12 (4): 1-9.
29. **Sehirli AO,** Aykac A,Özkayalar H, Savtekin G, Sayıner S. Ameliorative effect of Silk Fibroin against 5-Fluorouracil (5-FU)-induced gastrointestinal damage in rats. Bangladesh Journal of Medical Science 2023; 22(4): 907-915.
30. Akyuz C, Erdag E, Velioglu-Öğünç A, Abacioglu N**, Sehirli AO.** The protective effect of grape seed extract (Vitis vinifera) against mesenteric ischemia/reperfusion injury in rats: an in vivo, in vitro and molecular docking study. Journal of research in pharmacy. 2023; 7(4).
31. Erdag E, Küçük M, Aksoy U, Abacioglu N, **Sehirli AO.** Docking Study of Ligands Targeting NLRP3 Inflammatory Pathway for Endodontic Diseases. Chemical Methodologies 2023; 7: 200-210.
32. Ulker D, Abacioglu N, **Sehirli AO.** Cerium Oxide (CeO2) Nanoparticles Could Have Protective Effect Against COVID-19. Letters in Applied NanoBioScience 12 (1), 1-5.
33. Haskaoğlu IC, Erdağ E, Sayıner S, Mercan M, Chukwunyere U, Abacıoğlu N, **Sehirli AO**. The Concomitant Use of Melatonin and Molnupiravir in the Treatment of COVID-19: Mini Review Bangladesh Journal of Medical Science 2023; 22(1): 32.

**ULAKBİM İNDEKSLİ YAYINLAR**

**1** Akıcı A, Alp Fİ, Ayanoğlu Dülger G, Elçioğlu K, Gümüşel B, Gündüz Ö, Kabasakal L, Kaleli Durman D, Kelicen P, Kerry Z, Melli M, Onay Beşikci A, Özbay L, Özçelikay T, Özdemir O, Rollas S, Sevin G, **Sehirli AO**, Tel BC, Toklu HZ, Turan NN, Üstünes L, Yarış E, Yerer MB. Serbest eczanelerde ilaç sunumu sürecinde karşılaşılan sorunlar: akılcı ilaç kullanımı yönünden değerlendirme. Hacettepe Eczacılık Fakültesi Dergisi Cilt 29: 1, 75

**2**. Velioğlu Öğünç A, **Şehirli AO**, Karakoyun Laçin B, Ercan F, Güçlü H, Topçu G. Sıçanlarda Deneysel Mide Ülseri Modelinde Yeşil Çay Ekstraktı ve Peynir Altı Suyu Proteinlerinin Etkileri. Akademik Gıda 2016;14: 111-122. ISSN Print: 1304-7582, Online: 2148-015X

**3.** Gul MO, Akyuz C, Sunamak O, Velioglu Ogunc A, **Sehirli AO**. Effects of Saint John’s Wort extract on intestinal injury and apoptosis. Annals of Medical Research 2021:28 (9): 1725-1730. DOI: 10.5455/annalsmedres.2020.11.1096

4. Yüksel A, Tilki M, Kara VM, **Sehirli AO**, Özkara S. Effects of Different Resuscitation Fluids on Early Lung Ischaemia-Reperfusion Injury and Inflammatory Response: An Experimental Study. Kocaeli Medical Journal 2021; 10( Ek Sayı 2): 126-132. DOI: 10.5505/ktd.2021.58235

5. Sayıner, S. , Altaş, M. , Camkerten, G. , **Şehirli, A. Ö**. , Paksoy, N. , Balkan, B. M., Şenocak Soran, G. (2021). Kidney tissue selenium levels of Toxocara canis infected mice given Nigella sativa . Journal of Advances in VetBio Science and Techniques , 6 (3) , 278-283 . DOI: https://doi.org/10.31797/vetbio.977962

**8. PROJELER**

**8.1 PROJE YÖNETİCİLİĞİ**

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 melatoninin 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.

**8.2. PROJE KATILIMCILIĞI**

* + - 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.](http://www.ncbi.nlm.nih.gov/pubmed/21054406)
			3. Hemodynamic cahnges 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-270605-01332007.
			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. İdari Görevler**

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**2014-2017 Ders ve Sınav Programı Hazırlama Komisyon Üyeliği**

**2021- Ölçme ve Değerlendirme Komisyon Üyeliği**

**2015- SHMYO Ağız, Diş Sağlığı Destek Personeli Bölüm Başkanlığı**

**10. Bilimsel ve Mesleki Kuruluşlara Üyelikler**

**11. Ödüller**

2002Türk Farmakoloji Derneği 35 yaş altı Genç Farmakolog ödülü

2002 Marmara Üniversitesi BAPKO uluslararası yayın teşvik ve destek ödülü

2003 Marmara Üniversitesi BAPKO uluslararası yayın teşvik ve destek ödülü

2004 Marmara Üniversitesi BAPKO uluslararası yayın teşvik ve destek ödülü

2014 Marmara Üniversitesi Eczacılık Fakültesi üstün başarı ödülü

2015 Yakın Doğu Üniversitesi Bilimsel Başarı Ödülü

2016 Yakın Doğu Üniversitesi Bilimsel Başarı Ödülü

2017 Yakın Doğu Üniversitesi Bilimsel Başarı Ödülü

2019 Yakın Doğu Üniversitesi Bilimsel Başarı Ödülü

**12. Son İki Yılda Verdiğim Lisans ve Lisansüstü Düzeydeki Dersle**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Academic Year** | **Term** | **Course Code/Name**  | **Hours/Weekly** | **Number of Students** |
| **Teorical** | **Practical** |  |
| 2021-2022 | **GÜZ** | 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 |
|  | **BAHAR**  |  |  |  |  |
|  |  | 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 Akılcı 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 | **GÜZ** | 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 |
|  | **BAHAR** |  |  |  |  |
|  |  | 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 Akılcı 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-Anesteziye Giriş-1 | 3 |  | 13 |
|  |  | VSH208/Rational Drug Using | 1 |  | 5 |