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Personal Information

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Education Information

Doctorate, Kocaeli University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, Turkey 2011 - 2016

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2005 - 2010

Undergraduate, Université du Droit et de la Santé: Lille II, Eczacılık Fakültesi, Eczacılık, France 2007 - 2008

Foreign Languages

English, C2 Mastery

French, C1 Advanced

Dissertations

Doctorate, Genetik absans epilepsili WAG/Rij sıçanlarda kardiyovasküler değişiklikler üzerinde kök hücre tedavisi ve klasik tedavinin etkilerinin araştırılması, Kocaeli University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr), 2016

Research Areas

Medicine, Pharmacology and Clinical Pharmacology, Pharmacology and Therapeutics

Academic Titles / Tasks

Associate Professor, Kocaeli University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, 2021 - Continues

Research Assistant PhD, Kocaeli University, Sağlık Bilimleri Enstitüsü, Sağlık Bilimleri Enstitüsü, 2016 - Continues

Research Assistant, Kocaeli University, Sağlık Bilimleri Enstitüsü, Farmakoloji Anabilim Dalı, 2011 - 2016

Courses

İlaçların Absorpsiyonu, Undergraduate

Temel Farmakoloji, Associate Degree

Emetik ve Antiemetik İlaçlar, Undergraduate

Klinik Farmakoloji, Associate Degree

Kanser Tedavisinde Kullanılan İlaçlar, Undergraduate

Kanser ve Kemoterapisi, Postgraduate

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

- I. **Etanercept rescues cognitive deficits, depression-like symptoms, and spike-wave discharge incidence in WAG/Rij rat model of absence epilepsy.**
Karson A., Utkan T., Demirtaş Şahin T., Balcı F., Arkan S., Ateş N.
Epilepsy & behavior : E&B, vol.115, pp.107532, 2021 (Journal Indexed in SCI)
- II. **Etanercept improves aging-induced cognitive deficits by reducing inflammation and vascular dysfunction in rats.**
Gocmez S. S. , Yazir Y., Gacar G., Demirtaş Şahin Ş., Arkan S., Karson A., Utkan T.
Physiology & behavior, vol.224, pp.113019, 2020 (Journal Indexed in SCI Expanded)
- III. **Infliximab prevents dysfunction of the vas deferens by suppressing inflammation and oxidative stress in rats with chronic stress**
Demirtaş Şahin T., Gocmez S. S. , Duruksu G., Yazir Y., Utkan T.
LIFE SCIENCES, vol.250, 2020 (Journal Indexed in SCI)
- IV. **Resveratrol and quercetin attenuate depressive-like behavior and restore impaired contractility of vas deferens in chronic stress-exposed rats: involvement of oxidative stress and inflammation**
Demirtaş Şahin T., Gocmez S. S. , Duruksu G., Yazir Y., Utkan T.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.393, pp.761-775, 2020 (Journal Indexed in SCI)
- V. **The protective effect of metformin in scopolamine-induced learning and memory impairment in rats**
Aksoz E., Gocmez S. S. , Demirtaş Şahin T., Aksit D., Aksit H., Utkan T.
PHARMACOLOGICAL REPORTS, vol.71, pp.818-825, 2019 (Journal Indexed in SCI)
- VI. **Anxiolytic-Like and Antidepressant-Like Effects of Resveratrol in Streptozotocin-Induced Diabetic Rats**
Demirtaş Şahin T., Göçmez S., Eraldemir F., Utkan T.
NOROPSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.56, pp.144-149, 2019 (Journal Indexed in SCI)
- VII. **Resveratrol prevents cognitive deficits by attenuating oxidative damage and inflammation in rat model of streptozotocin diabetes induced vascular dementia**
Göçmez S. S. , Demirtaş Şahin T., Yazir Y., Duruksu G., Eraldemir F. C. , Polat S., Utkan T.
PHYSIOLOGY & BEHAVIOR, vol.201, pp.198-207, 2019 (Journal Indexed in SCI)
- VIII. **Restorative effect of resveratrol on expression of endothelial and neuronal nitric oxide synthase in cavernous tissues of chronic unpredictable mild stress-exposed rats: an impact of inflammation**
Yazir Y., Demirtaş Şahin T., Rençber S. H. , Gacar G., Halbutoğulları Z. S. , Utkan T., Arıcıoğlu F.
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.30, pp.318-326, 2018 (Journal Indexed in SCI)
- IX. **Depression induced by chronic stress leads to penile cavernosal dysfunction: protective effect of anti-TNF-alpha treatment**
Demirtaş Şahin Ş., Yazir Y., Utkan T., Gacar G., Halbutoğulları Z. S. , Gocmez S. S.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.96, pp.933-942, 2018 (Journal Indexed in SCI)
- X. **Improvement of penile neurogenic and endothelial relaxant responses by chronic administration of resveratrol in rabbits exposed to unpredictable chronic mild stress**
Yazir Y., Utkan T., Demirtaş Şahin T., Gocmez S. S.
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.30, pp.163-170, 2018 (Journal Indexed in SCI)
- XI. **TNF-alpha antagonism with etanercept enhances penile NOS expression, cavernosal reactivity, and testosterone levels in aged rats**
Demirtaş Şahin T., Yazir Y., Utkan T., Gacar G., Rençber S. H. , Göçmez S. S.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.96, pp.200-207, 2018 (Journal Indexed in SCI)
- XII. **Penile constitutive nitric oxide synthase expression in rats exposed to unpredictable chronic mild stress: role of inflammation**
Demirtaş Şahin T., Yazir Y., Utkan T., Göçmez S. S. , Bayramgürler D.
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.29, pp.76-81, 2017 (Journal Indexed in SCI)
- XIII. **TNF-alpha inhibition prevents cognitive decline and maintains hippocampal BDNF levels in the unpredictable chronic mild stress rat model of depression**

Demirtaş Şahin T., Karson A., Balci F., Yazır Y., Bayramgürler D., Utkan T.
BEHAVIOURAL BRAIN RESEARCH, vol.292, pp.233-240, 2015 (Journal Indexed in SCI)

XIV. **The Link Between Unpredictable Chronic Mild Stress Model for Depression and Vascular Inflammation?**

Demirtaş Şahin T., Utkan T., Karson A., Yazır Y., Bayramgürler D., Gacar N.
INFLAMMATION, vol.37, pp.1432-1438, 2014 (Journal Indexed in SCI)

XV. **Chronic Administration of Infliximab (TNF-alpha Inhibitor) Decreases Depression and Anxiety-like Behaviour in Rat Model of Chronic Mild Stress**

Karson A., Demirtaş Şahin T., Bayramgürler D., Balci F., Utkan T.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.112, pp.335-340, 2013 (Journal Indexed in SCI)

XVI. **Antidepressant-Like Activity of Agomelatine in the Mouse Unpredictable Chronic Mild Stress Model**

Mutlu O., Gumuslu E., Ulak G., Celikyurt I. K., Akar F., Bektas E., Demirtaş Şahin T., Kir H., Musul M. M., Erden F.
DRUG DEVELOPMENT RESEARCH, vol.74, pp.203-215, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Cardiovascular changes in WAG/Rij rats with genetic absence epilepsy: Effects of chronic ethosuximide treatment**

Demirtaş Şahin T., Utkan T., Karson A., Yazır Y., Karaoz E.
CUKUROVA MEDICAL JOURNAL, vol.45, pp.769-777, 2020 (Journal Indexed in ESCI)

II. **Antioxidant effects of resveratrol on vas deferens contractility in streptozotocin-induced diabetic rats**

Demirtaş Şahin T.
CUKUROVA MEDICAL JOURNAL, vol.45, pp.316-323, 2020 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Streptozotocin ile indüklenen deneysel diyabet modelinde kognitif fonksiyonlar üzerinde kuersetinin antioksidan ve antiinflamatuvar etkilerinin araştırılması**

DEMİRTAŞ ŞAHİN T.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020, pp.378

II. **The effects of propolis extract on age-associated cognitive deficits in rats**

Göçmez S. S., Celebi G., Demirtaş-Sahin T., Aksoz E., Utkan T.
32nd Congress of the European-College-of-Neuropsychopharmacology (ECNP), Copenhagen, Denmark, 7 - 10 September 2019, vol.29

III. **The effects of propolis on cognitive impairment in chronic unpredictable mild stress-induced depression model of rats**

Göçmez S. S., Ozer C., Celebi G., Yazır Y., Duruksu G., Demirtaş-Sahin T., Utkan F., Utkan T.
32nd Congress of the European-College-of-Neuropsychopharmacology (ECNP), Copenhagen, Denmark, 7 - 10 September 2019, vol.29

IV. **Propolis prevents vascular endothelial dysfunction by antiinflammatory effect in rat model of chronic unpredictable mild stress-induced depression**

Göçmez S. S., Celebi G., Ozer C., Demirtaş-Sahin T., Yazır Y., Duruksu G., Utkan T.
32nd Congress of the European-College-of-Neuropsychopharmacology (ECNP), Copenhagen, Denmark, 7 - 10 September 2019, vol.29

V. **İmipramin tedavisinin kronik stresle indüklenen depresyon modelinde vas deferens kontraktıl yanıtları üzerindeki etkileri**

DEMİRTAŞ ŞAHİN T.
25. Ulusal Farmakoloji Kongresi, Turkey, 3 - 07 November 2019

- VI. **Cigarette smoking and vascular dementia in rats: Relationships with oxidative stress**
Utkan T., Yazır Y., Gacar G., Göçmez S. S., Demirtaş Şahin T., Barış Ö.
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VII. **Sigara dumanına maruziyete bağlı depresyon-benzeri davranış gelişen sıçanlarda sildenafilin etkilerinin değerlendirilmesi**
DEMİRTAŞ ŞAHİN T.
2. Ulusal Marmara Eczacılık Kongresi, Turkey, 14 - 16 November 2018
- VIII. **Effects of sildenafil on depressive-like behaviors associated with cigarette smoking in rats Cigarette smoking is associated with a depressive-like behavior in rats: effects of sildenafil.**
Yazır Y., Utkan T., Kavram K., Gacar G., Özer C., Demirtaş Şahin T., Göçmez S. S.
31st ECNP Congress, Barcelona, Spain, 6 - 09 October 2018
- IX. **Effects of sildenafil on depressive-like behaviors associated with cigarette smoking in rats**
Yazır Y., Utkan T., Gacar G., Özer C., Demirtaş Şahin T., Göçmez S. S.
31st ECNP Congress, Barcelona, Spain, 6 - 09 October 2018
- X. **T40. Resveratrol Improves Cognitive Performance and Endothelial Function by Increasing BDNF Expression and Preventing Oxidative Stress During Experimental Vascular Dementia in Streptozotocin-Induced Diabetic Rats**
GÖÇMEZ S. S. , DEMİRTAŞ ŞAHİN T., YAZIR Y., ERALDEMİR F. C. , POLAT S., UTKAN T.
SOBP 2018 Annual Meeting, Biological Psychiatry, Volume 83, Issue 9, Supplement, 1 May 2018, Page s144, New-York, United States Of America, 10 - 12 May 2018, vol.83, pp.144
- XI. **Chronic Stress-Induced Depression Impairs Contractile Activity of Rat vas Deferens: Effect of Infliximab Treatment**
Sahin T. D. , Göçmez S. S. , Utkan T.
73rd Annual Scientific Convention and Meeting of the Society-of-Biological-Psychiatry (SOBP), New-York, United States Of America, 10 - 12 May 2017, vol.83
- XII. **Neuroinflammation and impairment of hippocampal neurogenesis underlies depressive-like behaviors of obese rats: Role of TNF-alpha inhibition.**
Utkan T., Demirtaş Şahin T., Göçmez S. S. , Yazır Y., Arıcıoğlu F.
10th International Congress on Psychopharmacology 6th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 25 - 29 April 2018, vol.28, pp.102-103
- XIII. **YAŞLI SIÇANLARDA RESVERATROLÜN DEPRESYON BENZERİ DAVRANIŞLAR ÜZERİNDEKİ ETKİLERİ**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T., YAZIR Y., GACAR G., FURAT RENÇBER S. H.
24.Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017
- XIV. **YAŞLI SIÇANLARDA RESVERATROLÜNDEPRESYON BENZERİ DAVRANIŞLAR ÜZERİNDEKİ ETKİLERİ**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T., YAZIR Y., GACAR G., FURAT RENÇBER S. H.
24. ULUSAL FARMAKOLOJİ KONGRESİ, Trabzon, Turkey, 17 - 20 October 2017, pp.132
- XV. **Kronik resveratrol uygulamasının diyabetik vasküler demans sıçan modeli üzerindeki etkileri.**
GÖÇMEZ S. S. , DEMİRTAŞ ŞAHİN T., ERALDEMİR F. C. , YAZIR Y., UTKAN T.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 21 October 2017
- XVI. **Yaşlı sıçanlarda resveratrolün depresyon benzeri davranışlar üzerindeki etkileri**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T., YAZIR Y., GACAR G., FURAT RENÇBER S. H.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 21 October 2017
- XVII. **Yaşlı sıçanlarda resveratrolün depresyon benzeri davranışlar üzerindeki etkiler**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T., YAZIR Y., GACAR G., FURAT RENÇBER S. H.
24. ulusal farmakoloji kongresi, Turkey, 17 - 21 October 2017
- XVIII. **Resveratrol attenuates neuroinflammation, maintains hippocampal BDNF levels and alleviates depressive-like behavior in aged rats.**
Yazır Y., Utkan T., Gacar G., Göçmez S. S. , Furat Rençber S. H. , Demirtaş Şahin T.
30th European College of Neuropsychopharmacology (ECNP) Congress, Paris, France, 2 - 05 September 2017, vol.27, pp.667-677

- XIX. Resveratrol attenuates neuroinflammation, maintains hippocampal bdnf levels and alleviates in aged rats**
YAZIR Y., UTKAN T., GACAR G., FURAT RENÇBER S. H. , DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S.
30th ECNP Congress, France, 2 - 05 September 2017, vol.27, pp.667
- XX. Etanercept treatment reverses the impaired spatial and emotional memory functions in different age groups of genetic absence epileptic WAG/Rij rats**
Utkan T., Demirtaş Şahin T., Karson A., Göçmez S. S.
30th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Paris, France, 2 - 05 September 2017, vol.27
- XXI. Depressive-like behaviors in a genetic model of absence seizures:Effects of neural stem cell treatment**
Demirtaş Şahin T., Utkan T., Karson A., Göçmez S. S. , Arıcıoğlu F.
9th International Psychopharmacology Congress, Antalya, Turkey, 26 - 30 April 2017
- XXII. Streptozotosinle diyabet oluşturulan sıçanlarda resveratrolün anksiyolitik ve antidepresan benzeri etkileri.**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T.
15. ulusal sinirbilim kongresi, Turkey, 7 - 10 May 2017
- XXIII. Depressive-like Behaviors in a Genetic Model of Absence Seizures: Effects of Neural Stem Cell Treatment. Psychiatry and Clinical Psychopharmacology, Volume 27, Supplement 1, May 2017, Page 23. 26-30 April, 2017, Antalya, Turkey**
DEMİRTAŞ ŞAHİN T., UTKAN T., KARSON A., GÖÇMEZ S. S. , ARICIOĞLU F.
9th International Congress on Psychopharmacology 5th International Symposium on Child and Adolescent Psychopharmacology, 26 - 30 April 2017
- XXIV. Neural Stem Cell Treatment Prevents Neuroinflammation and Increases Hippocampal BDNF Levels in Genetic Absence Epileptic WAG/Rij Rats.**
Utkan T., Demirtaş Şahin T., Yazır Y., Halbutoğulları Z. S. , Göçmez S. S. , Arıcıoğlu F.
9th International Congress on Psychopharmacology 5th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 26 - 30 April 2017, vol.27, pp.55-56
- XXV. Etanercept improves cognitive deficits by reducing both peripheral inflammation and neuroinflammation and maintaining hippocampal BDNF levels in aging**
Yazır Y., Utkan T., Demirtaş Şahin T., Göçmez S. S. , Gacar G., Arkan S., Karson A.
29th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 17 - 20 September 2016, vol.26
- XXVI. Etanercept, a TNF- α inhibitor, has antidepressant-like effect in different age groups of genetic absence epileptic WAG/Rij rats**
DEMİRTAŞ ŞAHİN T., UTKAN T., KARSON A., GÖÇMEZ S. S.
29th ECNP Congress, 17 - 20 September 2016
- XXVII. Resveratrol affects plasma testosterone, corticosterone and inflammatory cytokine levels in chronic unpredictable mild stress-exposed rats:relationship with erectile dysfunction**
Yazır Y., Gacar G., Utkan T., Demirtaş Şahin T., Göçmez S. S.
29th European College of Neuropsychopharmacology (ECNP) Congress, Vienna, Austria, 17 - 20 September 2016
- XXVIII. Resveratrol Affects Plasma Testosterone Corticosterone and Inflammatory Cytokine Levels in Chronic Unpredictable Mild Stress exposed Rats Relationship with Erectile Dysfunction**
YAZIR Y., GACAR G., UTKAN T., DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S.
29th ECNP Congress, VIYENA, Austria, 17 - 20 September 2016
- XXIX. EFFECTS OF ETANERCEPT ON HIPPOCAMPAL BRAIN DERIVED NEUROTROPHIC FACTOR EXPRESSION IN CAFETERIA DIET FED RATS**
YAZIR Y., FURAT RENÇBER S. H. , Kavram K., DEMİRTAŞ ŞAHİN T., UTKAN T.
European Microscopy Congress, 28 August - 02 September 2016
- XXX. C022 Investigation of the functional responses of myometrium smoothmuscle in secondhand smoking and chronic alcohol consuming rats**

- GÖÇMEZ S. S. , korun z. e. , DEMİRTAŞ ŞAHİN T., UTKAN T.
7th european congress of pharmacology, 26 - 30 June 2016
- XXXI. **Gocmez SS Sergazykyzy MR Kadyirbekovna ZZ Ozer C Demirtaş Şahin T Utkan T Ketamin treatment reverses age related vascular dysfunction in thoracic aorta 26 30 June Congress Book Version Page 285 604 2016 Istanbul Turkey**
GÖÇMEZ S. S. , Sergazykyzy M., Kadyirbekovna Z., Özer C., DEMİRTAŞ ŞAHİN T., UTKAN T.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXXII. **Effects of chronic etanercept a TNF inhibitor on vascular reactivity in cafeteria diet fedrats**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T.
7th european congress of pharmacology, 26 - 30 June 2016
- XXXIII. **Chronic unpredictable mild stress impairs neurogenic and endothelium dependent relaxation of rabbit corpus cavernosum smooth muscle Improvement with chronic administration of resveratrol**
GÖÇMEZ S. S. , DEMİRTAŞ ŞAHİN T., UTKAN T.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXXIV. **Ketamine treatment reverses age-related vascular dysfunction in thoracic aorta**
GÖÇMEZ S. S. , SERGAZYKYZY M. R. , KADYİRBEKOVNA Z. Z. , ÖZER C., DEMİRTAŞ ŞAHİN T., UTKAN T.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXXV. **Effects of chronic etanercept, a TNF-alpha inhibitor, on vascular reactivity in cafeteria diet-fed rats**
DEMİRTAŞ ŞAHİN T., GÖÇMEZ S. S. , UTKAN T.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXXVI. **Investigation of the functional responses of myometrium smooth muscle in secondhand smoking and chronic alcohol consuming rats**
GÖÇMEZ S. S. , KORUN z. e. , DEMİRTAŞ ŞAHİN T., UTKAN T.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXXVII. **Effects of Chronic Ethosuximide Treatment on Cardiovascular Changes in Genetic Absence Epileptic WAG/Rij Rats**
Sahin T., Utkan T., Karson A.
30th Seoul World Congress of the International-College-of-Neuropsychopharmacology (CINP), Seoul, South Korea, 3 - 07 July 2016, vol.19, pp.268-269
- XXXVIII. **Analysis of glutamate-induced processing of proline-rich transmembrane protein 2 (PRRT2)**
UTKAN T., DEMİRTAŞ ŞAHİN T., KARSON A., HALBUTOĞULLARI Z. S. , YAZIR Y.
30th Seoul World Congress of the International-College-of-Neuropsychopharmacology (CINP), Seoul, South Korea, 3 - 07 July 2016, vol.19, pp.269
- XXXIX. **Effect of Neural Stem Cell Transplantation on Absence Seizures in Genetic Absence Epileptic WAG/Rij Rats**
Utkan T., Demirtaş Şahin T., Karson A., Yazir Y.
30th Seoul World Congress of the International-College-of-Neuropsychopharmacology (CINP), Seoul, South Korea, 3 - 07 July 2016, vol.19, pp.269
- XL. **Obez Siçanlarda Etanerseptin Vasküler Düz Kasta Enos Ekspresyonu Üzerine Etkilerinin İmmünohistokimyasal Olarak Araştırılması.**
YAZIR Y., KAVRAM K., FURAT RENÇBER S. H. , DEMİRTAŞ ŞAHİN T., UTKAN T.
13. Ulusal Histoloji ve Embriyoloji Kongresi, İzmir, Turkey, 30 April - 03 May 2016
- XLI. **OBEZ SIÇANLARDA ETANERSEPTİN VASKÜLER DÜZ KASTA eNOS EKSPRESYONU ÜZERİNE ETKİLERİNİN İMMÜNOHİSTOKİMYASAL OLARAK ARAŞTIRILMASI**
YAZIR Y., Kavram K., FURAT RENÇBER S. H. , DEMİRTAŞ ŞAHİN T., UTKAN T.
13.Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 30 April - 03 May 2016
- XLII. **Immunohistochemical Analyses of Etanercept s Effects on Vascular Smooth Muscle eNOS Expression in Obese Rats**
YAZIR Y., KAVRAM K., FURAT RENÇBER S. H. , DEMİRTAŞ ŞAHİN T., UTKAN T.
13. National Histology and Embryology Congress with International Participation, İzmir, Turkey, 30 April - 03 May 2016

- XLIII. Effects of chronic etanercept a TNF inhibitor on cognitive dysfunction in cafeteria diet fed rats**
Demirtaş Şahin T., Utkan T., Göçmez S. S. , Karson A.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XLIV. Effect of resveratrol on penile neuronal and endothelial nitric oxide synthase expression in chronic unpredictable mild stress depression model**
Yazır Y., Demirtaş Şahin T., Göçmez S. S. , Utkan T., Gacar M. N.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XLV. Protective effects of an extract of propolis in scopolamine induced cognitive impairment in rats**
Göçmez S. S. , Demirtaş Şahin T., Aksöz E., Utkan T., Gacar M. N.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XLVI. Protective effects of metformin inscopolamine induced cognitive impairment in rats**
Aksöz E., Göçmez S. S. , Demirtaş Şahin T., Utkan T.
28th ECNP Congress, Amsterdam, Netherlands, 29 August - 01 September 2015
- XLVII. P 1 g 049 Chronic etanercept treatment exerts antidepressant like effect in cafeteria diet fed rats**
Utkan T., Demirtaş Şahin T., Aksöz E., Arkan S.
EUROPEAN NEUROPSYCHOPHARMACOLOGY, Amsterdam, Netherlands, 29 August - 03 September 2015, vol.25, pp.264
- XLVIII. P 1 j 032 Protective effects of metformin in scopolamine induced cognitive impairment in rats**
Aksöz E., Göçmez S. S. , Demirtaş Şahin T., Utkan T.
EUROPEAN NEUROPSYCHOPHARMACOLOGY, Amsterdam, Netherlands, 29 August - 03 September 2015, vol.25
- XLIX. Effects of chronic etanercept, a TNF-alpha inhibitor, on cognitive dysfunction in cafeteria diet-fed rats**
Demirtaş T., UTKAN T., Gocmez S. S. , KARSON A.
28th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Amsterdam, Netherlands, 29 August - 01 September 2015, vol.25
- L. Penile constitutive nitric oxide synthase expression in depressed rats exposed to unpredictable chronic mild stress role of inflammation**
DEMİRTAŞ ŞAHİN T., YAZIR Y., KARSON A., BAYRAMGÜRLER D.
ECNP, Amsterdam, Netherlands, 29 August - 01 September 2015
- LI. P 5 e 001 Effects of etanercept on vascular dementia in aged rats**
UTKAN T., YAZIR Y., DEMİRTAŞ ŞAHİN T., KARSON A.
28. ECNP Congress, 29 - 03 August 2015
- LII. Effects of chronic etanercept, a TNF inhibitor, on cognitive dysfunction in cafeteria diet-fed rats**
DEMİRTAŞ ŞAHİN T., UTKAN T., GÖÇMEZ S. S. , KARSON A.
28th ECNP Congress, 29 August - 01 September 2015
- LIII. P 4 c 001 Penile constitutive nitric oxide synthase expression in depressed rats exposed to unpredictable chronic mild stress role of inflammation**
DEMİRTAŞ ŞAHİN T., YAZIR Y., UTKAN T., KARSON A.
28. ECNP Congress, 29 August - 03 September 2015
- LIV. Effects of etanercept on vascular dementia in aged rats**
Aksöz E., Utkan T., Yazır Y., Demirtaş Şahin T., Karson A.
28th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Amsterdam, Netherlands, 29 August - 01 September 2015, vol.25
- LV. P 1 g 007 Effect of chronic etanercept a TNF inhibitor treatment on depressive like behaviour in aged rats**
DEMİRTAŞ ŞAHİN T., ARKAN S., KARSON A., UTKAN T.
28. ECNP Congress, 29 August - 03 September 2015
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Demirtaş Şahin T., Yazır Y., Utkan T., Karson A., Bayramgürler D.
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- LVII. **Effect of chronic etanercept (a TNF- α inhibitor) treatment on depressive-like behaviour in aged rats**
DEMİRTAŞ ŞAHİN T., ARKAN S., KARSON A., UTKAN T.
28th ECNP Congress, 29 August - 01 September 2015
- LVIII. **Chronic etanercept treatment exerts antidepressant-like effect in cafeteria diet-fed rats**
UTKAN T., DEMİRTAŞ ŞAHİN T., AKSÖZ E., ARKAN S.
28th ECNP Congress, 29 August - 01 September 2015
- LIX. **Penile constitutive nitric oxide synthase expression in depressed rats exposed to unpredictable chronic mild stress role of inflammation**
DEMİRTAŞ ŞAHİN T., YAZIR Y., UTKAN T., KARSON A., BAYRAMGÜRLER D.
28th ECNP Congress, 29 August - 01 September 2015
- LX. **The Relationship Between Ageing Induced Dementia and Inflammation**
Utkan T., Yazır Y., Demirtaş Şahin T., Karson A.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, Toronto, Canada, 14 - 16 May 2015, vol.77, pp.333-0
- LXI. **Effect of Etanercept a TNF alpha Inhibitor on Depressive Like Behavior in Cafeteria Diet Fed Rats Conference**
Demirtaş Şahin T., Arkan S., Karson A., Utkan T.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, 14 - 16 May 2015
- LXII. **Etanercept Treatment Prevents Emotional Memory Deficits of Cafeteria Diet Fed Rats**
DEMİRTAŞ ŞAHİN T., UTKAN T., AKSÖZ E., KARSON A.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, 14 - 16 May 2015
- LXIII. **Effect of Etanercept, a TNF-alpha Inhibitor, on Depressive-Like Behavior in Cafeteria Diet-Fed Rats**
Demirtaş Şahin T., Utkan T., Aksöz E.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, Toronto, Canada, 14 - 16 May 2015, vol.77
- LXIV. **The Relationship Between Ageing-Induced Dementia and Inflammation**
UTKAN T., YAZIR Y., DEMİRTAŞ ŞAHİN T.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, Toronto, Canada, 14 - 16 May 2015, vol.77
- LXV. **Etanercept Treatment Prevents Emotional Memory Deficits of Cafeteria Diet-Fed Rats**
Demirtaş Şahin T., Utkan T., Aksöz E., Karson A.
70th Annual Scientific Meeting of the Society-of-Biological-Psychiatry on Stress, Emotion, Neurodevelopment and Psychopathology, Toronto, Canada, 14 - 16 May 2015, vol.77
- LXVI. **Infliximab rescues cognitive impairment induced by unpredictable chronic mild stress in a rat model of depression**
Demirtaş Şahin T., Yazır Y., Utkan T., Karson A., Bayramgürler D., Balci F.
27th ECNP Congress, Berlin, Germany, 18 - 21 October 2014, vol.24
- LXVII. **Effect of resveratrol on penile neuronal and endothelial nitric oxide synthase**
Yazır Y., Demirtaş Şahin T., Göçmez S. S. , Utkan T., Gacar M. N.
28th ECNP Congress, Amsterdam, Netherlands, 28 August - 01 September 2015
- LXVIII. **İnflksimabın Öngörülemez Kronik Hafif Stres Uygulanmış Sıçanlarda Bozulmuş Bilişsel Fonksiyonlar Üzerindeki Etkisinin Araştırılması**
DEMİRTAŞ ŞAHİN T., KARSON A., YAZIR Y., UTKAN T., BALCI F., BAYRAMGÜRLER D.
22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013, vol.324
- LXIX. **Öngörülemez Kronik Hafif Stres Uygulanmış Sıçanlarda Vasküler Düz Kas Reaktivitesi Ve Kan Basıncı Değişiklikleri Üzerinde İnflksimabın Etkilerinin Araştırılması**
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22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013, pp.101

- LXX. **Öngörülemeyen Kronik Hafif Stres Uygulanmış Sıçanlarda Vasküler Düz Kas Reaktivitesi ve Kan Basıncı Değişiklikleri Üzerinde İnfliksımabın Etkilerinin Araştırılması**
DEMİRTAŞ ŞAHİN T., UTKAN T., KARSON A., YAZIR Y., BAYRAMGÜRLER D., GACAR M. N.
22. Ulusal Farmakoloji Kongresi, Turkey, 4 - 07 November 2013
- LXXI. **Antidepressant-like activity of agomelatine in the mouse unpredictable chronic mild stressed model**
MUTLU O., ULAK G., Gumuslu E., Celikyurt I., Akar F., Bektas E., Demirtas T., Kir H., Musul M., Erden F.
6th European Congress of Pharmacology, Granada, Nicaragua, 17 - 20 July 2012, pp.243-246
- LXXII. **Resveratrol effects on mesenchymal stem cell proliferation and differentiation**
Demirtaş Şahin T., Gacar G., Gacar M. N., Utkan T., Akpınar B., Halbutoğulları Z. S., Yazır Y.
6th European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012, pp.19-23
- LXXIII. **Potential of resveratrol in anticancer therapy**
Demirtas T., Gacar G., UTKAN T., Gacar N., Akpınar B., Karaoz E., Utkan Z.
6th European Congress of Pharmacology, Granada, Nicaragua, 17 - 20 July 2012, pp.25-28
- LXXIV. **Effects of haloperidol on learning and memory in naive and MK 801 injected mice in the passive avoidance and elevated plus maze tests**
KOMSUOĞLU ÇELİKYURT F. İ. , MUTLU O., ULAK G., YILDIZ AKAR F., BEKTAŞ E., DEMİRTAŞ ŞAHİN T., ERDEN B. F.
25TH ECNP Congress, Viyana, Austria, 13 - 17 October 2012
- LXXV. **Effects of haloperidol on memory in naive and MK-801-injected mice in passive avoidance and elevated plus maze tests**
Celikyurt I. K. , MUTLU O., ULAK G., AKAR F., BEKTAS E., DEMIRTAS T., TANYERI P., ERDEN F.
25th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 13 - 17 October 2012, vol.22
- LXXVI. **Effect of haloperidol on MK-801-induced memory deterioration in the Morris water maze and radial-arm maze tests in mice**
MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ. , YILDIZ AKAR F., DEMİRTAŞ ŞAHİN T., BEKTAŞ E., ERDEN B. F.
6th European Congress of Pharmacology, 17 - 20 July 2012
- LXXVII. **Effects of haloperidol on MK 801 induced memory deterioration in the Morris water maze and radial arm maze tests in mice**
MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ. , YILDIZ AKAR F., DEMİRTAŞ ŞAHİN T., BEKTAŞ E., ERDEN B. F.
6TH European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012
- LXXVIII. **Effects of homeopathic remedy dragonfly anax imperator on learning and memory in Morris water maze and passive avoidance tests in mice**
MUTLU O., ULAK G., KOMSUOĞLU ÇELİKYURT F. İ. , YILDIZ AKAR F., ERDEN B. F. , DEMİRTAŞ ŞAHİN T.
6TH European Congress of Pharmacology, Granada, Spain, 17 - 20 July 2012

Supported Projects

DEMİRTAŞ ŞAHİN T., UTKAN T., YAZIR Y., GÖÇMEZ S. S. , DURUKSU G., Project Supported by Higher Education Institutions, ÖNGÖRÜLEMİYEN KRONİK HAFİF STRESLE İNDÜKLENEN SIÇAN DEPRESYON MODELİNDE İNFLİKSİMAB, RESVERATROL VE KUERSETİNİN VAS DEFERENS FONKSİYONEL YANITLARI ÜZERİNDEKİ ANTİOKSİDAN VE ANTİİNFLAMATUAR ETKİLERİNİN ARAŞTIRILMASI, 2017 - 2018

Utkan T., Demirtaş Şahin T., Karson A., Yazır Y., Project Supported by Higher Education Institutions, Genetik absans epileptik WAG Rij sıçanlarda behevryoral ve kognitif fonksiyonlar üzerinde TNF alfa inhibitörlerinin etkilerinin araştırılması, 2015 - 2018

GÖÇMEZ S. S. , UTKAN T., YAZIR Y., DEMİRTAŞ ŞAHİN T., Project Supported by Higher Education Institutions, SIÇANLARDA STREPTOZOTOSİN İLE OLUŞTURULAN DİYABETİK VASKÜLER DEMANS MODELİNDE RESVERATROLÜN ÖĞRENME BELLEK FONKSİYONLARI ÜZERİNE ETKİLERİ, 2016 - 2017

Demirtaş Şahin T., Utkan T., Yazır Y., Karson A., Karaöz E., Halbutoğulları Z. S. , TUBITAK Project, Genetik absans epilepsili WAG/Rij sıçanlarda kardiyovasküler değişiklikler üzerinde kök hücre tedavisi ve klasik tedavinin etkilerinin araştırılması, 2014 - 2016

Activities in Scientific Journals

Acta Medica, Assistant Editor, 2020 - Continues

Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, Committee Member, 2015 - Continues

Memberships / Tasks in Scientific Organizations

Türk Farmakoloji Derneği, Member, 2010 - Continues, Turkey

Citations

Total Citations (WOS):306

h-index (WOS):7

Scholarships

Doktora Bursu, TUBITAK, 2014 - 2016

Awards

Demirtaş Şahin T., R. Kazım Türker Genç Farmakolog Teşvik Ödülü, Türk Farmakoloji Derneği, April 2020

Demirtaş Şahin T., Yayın Teşvik Ödülü, Kocaeli Üniversitesi, January 2016

Demirtaş Şahin T., CDE Grant, Penile constitutive nitric oxide synthase expression in depressed rats exposed to unpredictable chronic mild stress: role of inflammation' adlı çalışma, European College Of Neuropsychopharmacology , August 2015

Demirtaş Şahin T., CDE Grant, Effect of chronic etanercept (a TNF- α inhibitor) treatment on depressive-like behaviour in aged rats' adlı çalışma, European College Of Neuropsychopharmacology , August 2015

Demirtaş Şahin T., CDE Grant, Effects of chronic etanercept, a TNF- α inhibitor, on cognitive dysfunction in cafeteria diet-fed rats' adlı çalışma, European College Of Neuropsychopharmacology , August 2015

Demirtaş Şahin T., CDE Grant, 'Infliximab rescues cognitive impairment induced by unpredictable chronic mild stress in a rat model of depression' adlı çalışma, European College Of Neuropsychopharmacology , October 2014