

Prof. ÜMİDE DEMİR ÖZKAY

Personal Information

Email: udemir@anadolu.edu.tr
Web: <https://avesis.anadolu.edu.tr/udemir>

International Researcher IDs

ORCID: 0000-0002-6773-4266
Yoksis Researcher ID: 58486

Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmakoloji (Dr), Turkey 2005 - 2009
Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1999 - 2003

Academic Titles / Tasks

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK MESLEK BİLİMLERİ BÖLÜMÜ, 2005 - 2012

Courses

Farmakoloji IV , Undergraduate, 2013 - 2014
Seminer, Postgraduate, 2013 - 2014, 2012 - 2013
Farmakoloji III, Undergraduate, 2013 - 2014, 2012 - 2013
Mezuniyet Projesi I, Undergraduate, 2013 - 2014, 2012 - 2013
Tez, Postgraduate, 2013 - 2014
Nörofarmakoloji, Undergraduate, 2013 - 2014
Nörohumoral İletişim, Postgraduate, 2013 - 2014, 2012 - 2013
Mezuniyet Projesi II , Undergraduate, 2013 - 2014
İyatrojenik Hasalıklar, Undergraduate, 2013 - 2014
Nörodejeneratif Hastalıklar, Postgraduate, 2013 - 2014
Uzmanlık Alan Dersi , Postgraduate, 2013 - 2014
Farmakoloji Uygulama, Undergraduate, 2013 - 2014
Klinik Eczacılık, Undergraduate, 2012 - 2013
Sinir Sistemine Giriş, Doctorate, 2012 - 2013
Farmakoloji, Undergraduate, 2012 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Catecholaminergic and Cholinergic Systems Mediate Beneficial Effect of Vortioxetine on Diabetes-Induced Neuropathic Pain**
TURAN YÜCEL N., KANDEMİR Ü., Ucel U. I., DEMİR ÖZKAY Ü., CAN Ö. D.
BIOMEDICINES, vol.11, no.4, 2023 (SCI-Expanded)
- II. SYNTHESIS AND ANTIDEPRESSANT-LIKE ACTIVITIES OF SOME PIPERIDINE DERIVATIVES: INVOLVEMENTS OF MONOAMINERGIC AND OPIOIDERGIC SYSTEMS**

- Kaya C., TURAN YÜCEL N., Kandemir U., OSMANIYE D., CAN Ö. D., DEMİR ÖZKAY Ü.
ACTA POLONIAE PHARMACEUTICA, vol.79, no.4, pp.509-522, 2022 (SCI-Expanded)
- III. **5-HT1A Serotonergic, alpha-Adrenergic and Opioidergic Receptors Mediate the Analgesic Efficacy of Vortioxetine in Mice**
TURAN YÜCEL N., Kandemir U., DEMİR ÖZKAY Ü., CAN Ö. D.
MOLECULES, vol.26, no.11, 2021 (SCI-Expanded)
- IV. **Synthesis and Antinociceptive Effect of Some Thiazole-Piperazine Derivatives: Involvement of Opioidergic System in the Activity**
TURAN YÜCEL N., OSMANIYE D., Kandemir U., Evren A. E., CAN Ö. D., DEMİR ÖZKAY Ü.
MOLECULES, vol.26, no.11, 2021 (SCI-Expanded)
- V. **Synthesis and monoamine oxidase A/B inhibitory evaluation of new benzothiazole-thiazolylhydrazine derivatives**
TURAN G., OSMANIYE D., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., KAYA ÇAVUŞOĞLU B., DEMİR ÖZKAY Ü., ÖZKAY Y., KAPLANCIKLI Z. A.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.195, no.6, pp.491-497, 2020 (SCI-Expanded)
- VI. **Synthesis of new benzothiazole derivatives bearing thiadiazole as monoamine oxidase inhibitors**
ACAR ÇEVİK U., OSMANIYE D., SAĞLIK B. N., LEVENT S., KAYA ÇAVUŞOĞLU B., KARADUMAN A. B., DEMİR ÖZKAY Ü., ÖZKAY Y., KAPLANCIKLI Z. A., TURAN G.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.57, no.5, pp.2225-2233, 2020 (SCI-Expanded)
- VII. **Catecholaminergic and opioidergic system mediated effects of reboxetine on diabetic neuropathic pain**
TURAN YÜCEL N., CAN Ö. D., DEMİR ÖZKAY Ü.
PSYCHOPHARMACOLOGY, vol.237, no.4, pp.1131-1145, 2020 (SCI-Expanded)
- VIII. **Antiamnesic effects of tofisopam against scopolamine-induced cognitive impairments in rats**
Ucel U. I., CAN Ö. D., DEMİR ÖZKAY Ü., ULUPINAR E.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.190, 2020 (SCI-Expanded)
- IX. **Investigating the Antidepressant-like Effects of some Benzimidazolepiperidine Derivatives by In-Vivo Experimental Methods**
Turan N., DEMİR ÖZKAY Ü., CAN N. Ö., CAN Ö. D.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.16, no.3, pp.341-346, 2019 (SCI-Expanded)
- X. **Synthesis of Novel Benzazole Derivatives and Evaluation of Their Antidepressant-Like Activities with Possible Underlying Mechanisms**
Tokgoz G., DEMİR ÖZKAY Ü., OSMANIYE D., TURAN YÜCEL N., CAN Ö. D., KAPLANCIKLI Z. A.
MOLECULES, vol.23, no.11, 2018 (SCI-Expanded)
- XI. **Antihyperalgesic Activity of Atomoxetine on Diabetes-Induced Neuropathic Pain: Contribution of Noradrenergic and Dopaminergic Systems**
Barbaros M. B., CAN Ö. D., Ucel U. I., TURAN YÜCEL N., DEMİR ÖZKAY Ü.
MOLECULES, vol.23, no.8, 2018 (SCI-Expanded)
- XII. **The Effect of Agomelatine Treatment on Diabetes-Induced Cognitive Impairments in Rats: Concomitant Alterations in the Hippocampal Neuron Numbers**
CAN Ö. D., Ucel U. I., DEMİR ÖZKAY Ü., ULUPINAR E.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.19, no.8, 2018 (SCI-Expanded)
- XIII. **Synthesis of Some Novel Thiadiazole Derivative Compounds and Screening Their Antidepressant-Like Activities**
CAN N. Ö., CAN Ö. D., OSMANIYE D., DEMİR ÖZKAY Ü.
MOLECULES, vol.23, no.4, 2018 (SCI-Expanded)
- XIV. **ROLE OF ST. JOHN'S WORT (HYPERICUM PERFORATUM L.) IN THE MANAGEMENT OF DIABETES AND NEUROLOGICAL DISORDERS**
Ozturk Y. K., CAN Ö. D., DEMİR ÖZKAY Ü.
HERBS FOR DIABETES AND NEUROLOGICAL DISEASE MANAGEMENT: RESEARCH AND ADVANCEMENTS, pp.1-21,

- 2018 (SCI-Expanded)
- XV. A benzothiazole/piperazine derivative with acetylcholinesterase inhibitory activity: Improvement in streptozotocin-induced cognitive deficits in rats
DEMİR ÖZKAY Ü., CAN Ö. D., SAĞLIK B. N., Turan N.
PHARMACOLOGICAL REPORTS, vol.69, no.6, pp.1349-1356, 2017 (SCI-Expanded)
- XVI. Antidepressant-like effect of gallic acid in mice: Dual involvement of serotonergic and catecholaminergic systems
CAN Ö. D., Turan N., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
LIFE SCIENCES, vol.190, pp.110-117, 2017 (SCI-Expanded)
- XVII. Synthesis and Antidepressant Activity Profile of Some Novel Benzothiazole Derivatives
DEMİR ÖZKAY Ü., Kaya C., ACAR ÇEVİK U., CAN Ö. D.
MOLECULES, vol.22, no.9, 2017 (SCI-Expanded)
- XVIII. MAO enzymes inhibitory activity of new benzimidazole derivatives including hydrazone and propargyl side chains
CAN Ö. D., OSMANIYE D., DEMİR ÖZKAY Ü., SAĞLIK B. N., LEVENT S., ILGIN S., BAYSAL M., ÖZKAY Y., KAPLANCIKLI Z. A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.131, pp.92-106, 2017 (SCI-Expanded)
- XIX. Anticholinesterase activity screening of some novel dithiocarbamate derivatives including piperidine and piperazine moieties
LEVENT S., ACAR ÇEVİK U., SAĞLIK B. N., ÖZKAY Y., CAN Ö. D., DEMİR ÖZKAY Ü., Ucucu U.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, no.4, pp.469-474, 2017 (SCI-Expanded)
- XX. Synthesis and antinociceptive activities of some novel benzimidazole-piperidine derivatives
DEMİR ÖZKAY Ü., CAN Ö. D., Turan N., KAYA ÇAVUŞOĞLU B.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.5, pp.672-684, 2017 (SCI-Expanded)
- XXI. Effect of subacute agomelatine treatment on painful diabetic neuropathy: involvement of catecholaminergic mechanisms
Aydin T. H., CAN Ö. D., DEMİR ÖZKAY Ü., Turan N.
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.30, no.6, pp.549-567, 2016 (SCI-Expanded)
- XXII. Design, synthesis, and AChE inhibitory activity of new benzothiazole-piperazines
DEMİR ÖZKAY Ü., CAN Ö. D., SAĞLIK B. N., ACAR ÇEVİK U., LEVENT S., ÖZKAY Y., ILGIN S., ATLI EKLİOĞLU Ö.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.26, no.22, pp.5387-5394, 2016 (SCI-Expanded)
- XXIII. Synthesis and Evaluation of New 1,3,4-Thiadiazole Derivatives as Antinociceptive Agents
ALTINTOP M. D., CAN Ö. D., DEMİR ÖZKAY Ü., KAPLANCIKLI Z. A.
MOLECULES, vol.21, no.8, 2016 (SCI-Expanded)
- XXIV. Synthesis and anti-nociceptive, anti-inflammatory activities of new aroyl propionic acid derivatives including N-acylhydrazone motif
Turan-Zitouni G., YURTTAŞ L., KAPLANCIKLI Z. A., CAN Ö. D., DEMİR ÖZKAY Ü.
Medicinal Chemistry Research, vol.24, no.6, pp.2406-2416, 2015 (SCI-Expanded)
- XXV. Antihyperalgesic and antialloodynic effects of mianserin on diabetic neuropathic pain: A study on mechanism of action
Üçel U. I., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
European Journal of Pharmacology, vol.756, pp.92-106, 2015 (SCI-Expanded)
- XXVI. Synthesis and Biological Evaluation of Some Novel Dithiocarbamate Derivatives
SAĞLIK B. N., ÖZKAY Y., DEMİR ÖZKAY Ü., Gencer H. K.
JOURNAL OF CHEMISTRY, vol.2014, 2014 (SCI-Expanded)
- XXVII. Anti-nociceptive effect of vitexin mediated by the opioid system in mice
DEMİR ÖZKAY Ü., CAN Ö. D.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.109, pp.23-30, 2013 (SCI-Expanded)
- XXVIII. Synthesis of new 1-phenyl-2-(4-substituted-piperazin-1-yl)-propanol derivatives and evaluation of their antidepressant-like effects

- DEMİR ÖZKAY Ü., YURTTAŞ L., ÖZKAY Y., Ucel U. I., CAN Ö. D., ÖZTÜRK Y.
 ARCHIVES OF PHARMACAL RESEARCH, vol.36, no.7, pp.802-811, 2013 (SCI-Expanded)
- XXIX. **Anti-depressant-like effect of vitexin in BALB/c mice and evidence for the involvement of monoaminergic mechanisms**
 CAN Ö. D., DEMİR ÖZKAY Ü., Ucel U. I.
 EUROPEAN JOURNAL OF PHARMACOLOGY, vol.699, no.1-3, pp.250-257, 2013 (SCI-Expanded)
- XXX. **Effects of Hypericum montbretti Extract on the Central Nervous System and Involvement of GABA (A)/Benzodiazepine Receptors in its Pharmacological Activity**
 CAN Ö. D., DEMİR ÖZKAY Ü.
 PHYTOTHERAPY RESEARCH, vol.26, no.11, pp.1695-1700, 2012 (SCI-Expanded)
- XXXI. **The effect of simvastatin treatment on behavioral parameters, cognitive performance, and hippocampal morphology in rats fed a standard or a high-fat diet**
 CAN Ö. D., ULUPINAR E., DEMİR ÖZKAY Ü., Yegin B., ÖZTÜRK Y.
 BEHAVIOURAL PHARMACOLOGY, vol.23, no.5-6, pp.582-592, 2012 (SCI-Expanded)
- XXXII. **Antinociceptive activities of some triazole and pyrazoline moieties-bearing compounds**
 DEMİR ÖZKAY Ü., CAN Ö. D., KAPLANCIKLİ Z. A.
 MEDICINAL CHEMISTRY RESEARCH, vol.21, no.7, pp.1056-1061, 2012 (SCI-Expanded)
- XXXIII. **Synthesis of thiadiazole derivatives bearing hydrazone moieties and evaluation of their pharmacological effects on anxiety, depression, and nociception parameters in mice**
 CAN Ö. D., ALTINTOP M. D., DEMİR ÖZKAY Ü., Ucel U. I., Dogruler B., KAPLANCIKLİ Z. A.
 ARCHIVES OF PHARMACAL RESEARCH, vol.35, no.4, pp.659-669, 2012 (SCI-Expanded)
- XXXIV. **Psychopharmacological profile of Chamomile (*Matricaria recutita L.*) essential oil in mice**
 CAN Ö. D., DEMİR ÖZKAY Ü., KIYAN H. T., DEMİRCİ B.
 PHYTOMEDICINE, vol.19, no.3-4, pp.306-310, 2012 (SCI-Expanded)
- XXXV. **Effects of Insulin and St. John's Wort Treatments on Anxiety, Locomotory Activity, Depression, and Active Learning Parameters of Streptozotocin-Diabetic Rats**
 CAN Ö. D., ÖZTÜRK Y., DEMİR ÖZKAY Ü.
 PLANTA MEDICA, vol.77, no.18, pp.1970-1976, 2011 (SCI-Expanded)
- XXXVI. **Synthesis and analgesic effects of 2-(2-carboxyphenylsulfanyl)-N-(4-substitutedphenyl)acetamide derivatives**
 DEMİR ÖZKAY Ü., ÖZKAY Y., CAN Ö. D.
 MEDICINAL CHEMISTRY RESEARCH, vol.20, no.2, pp.152-157, 2011 (SCI-Expanded)
- XXXVII. **A Natural Antidepressant: <i>Hypericum Perforatum</i> L.: Review**
 Devrim Ö. D., ÖZTÜRK Y., DEMİR ÖZKAY Ü.
 TURKIYE KLINIKLERİ TIP BİLİMLERİ DERGİSİ, no.3, pp.708-715, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Reboxetine Treatment on BDNF, Synaptophysin, and PSD-95 Levels in the Spinal Dorsal Horn of Rats with Diabetic Neuropathy**
 TURAN YÜCEL N., Ucel U. I., DEMİR ÖZKAY Ü., ULUPINAR E., CAN Ö. D.
 CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, no.4, pp.710-718, 2023 (ESCI)
- II. **BENEFICIAL EFFECTS OF REBOXETINE ON IMPAIRED BEHAVIORAL PARAMETERS OF DIABETIC RATS REBOKSETİN'İN DİYABETİK SİÇANLarda BOZULMUŞ DAVRANIŞ PARAMETRELERİ ÜZERİNDEKİ YARARLI ETKİLERİ**
 TURAN YÜCEL N., KANDEMİR Ü., Üçel U. I., CAN Ö. D., DEMİR ÖZKAY Ü.
 Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.47, no.1, 2022 (Scopus)
- III. **TOFİSOPAM'IN OPIOİDİRJİK SİSTEM ARACILIKLI ANTİNOSİSEPTİF ETKİNLİĞİ**
 TURAN YÜCEL N., ÜÇEL U. İ., YAZICI C., DEMİR ÖZKAY Ü., CAN Ö. D.
 ANKARA UNIVERSITESI ECZACILIK FAKULTESİ DERGİSİ, vol.46, no.3, pp.712-727, 2022 (Scopus)

- IV. **Benzotiyazol Halkası Taşıyan Bazı Bileşiklerin Antinosiseptif ve Anksiyolitik-Benzeri Etkileri**
DEMİR ÖZKAY Ü., Üçel U. İ., TURAN N., CAN Ö. D.
Kocatepe Veterinary Journal, vol.12, no.2, pp.122-129, 2019 (Peer-Reviewed Journal)
- V. **TİP 1 DİYABETES MELLİTUS OLUŞTURULAN SİÇANLARIN BEYNİNDE LEPTİN MİKTARI AZALMAKTADIR**
ŞAHİN E., Özcan Ö., BEKTUR N. E., BAYÇU C., DEMİR ÖZKAY Ü., CAN Ö. D., ŞAHİNTÜRK V.
Kocatepe Tıp Dergisi, vol.20, pp.91-97, 2019 (Peer-Reviewed Journal)
- VI. **Bazı piperazin alkanol türevlerinin antinosiseptif etkinlikleri**
Doğruer Akan B., DEMİR ÖZKAY Ü.
CUKUROVA MEDICAL JOURNAL, vol.44, no.3, pp.729-744, 2019 (Peer-Reviewed Journal)
- VII. **The antinociceptive effects of some piperazine alkanol derivatives**
Akan B. D., DEMİR ÖZKAY Ü.
CUKUROVA MEDICAL JOURNAL, vol.44, no.3, pp.729-744, 2019 (ESCI)
- VIII. **Mianserin'in sıçanlarda streptozotosin ile indüklenen hiperglisemi ve metabolik değişiklikler üzerine etkisi**
CAN Ö. D., Üçel U. İ., DEMİR ÖZKAY Ü., DİKMEN M.
Cukurova Medical Journal, vol.42, no.1, pp.103-119, 2017 (ESCI)
- IX. **Tip 1 Diyabetes mellitus oluşturan sıçanların beyninde leptin miktarı azalmaktadır.**
ŞAHİN E., Özcan Ö., Bektur E., BAYÇU C., DEMİR ÖZKAY Ü., CAN Ö. D., ŞAHİNTÜRK V.
Kocatepe Tıp Dergisi, vol.20, pp.91-97, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluating the effect of tangeretin on scopolamine-induced cognitive deficits**
KANDEMİR Ü., TURAN YÜCEL N., TOPKARA B. B., DEMİR ÖZKAY Ü., CAN Ö. D.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 November 2021
- II. **Effect of reboxetine treatment on the neuroanatomical and immunohistochemical changes in diabetes at spinal level**
TURAN YÜCEL N., ÜÇEL U. İ., CAN Ö. D., DEMİR ÖZKAY Ü., ULUPINAR E.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 November 2021
- III. **A new indication possibility for an old antidepressant reboxetine**
TURAN YÜCEL N., CAN Ö. D., DEMİR ÖZKAY Ü.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 November 2021
- IV. **Serotonergic system-mediated anxiolytic-like effects of myricetin**
TOPKARA B. B., TURAN YÜCEL N., KANDEMİR Ü., CAN Ö. D., DEMİR ÖZKAY Ü.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 November 2021
- V. **Catecholaminergic and opioidergic systems mediate the acute antinociceptive effect of tofisopam in mice**
ÜÇEL U. İ., TURAN YÜCEL N., DEMİR ÖZKAY Ü., CAN Ö. D.
12th International Congress on Psychopharmacology & 8th International Symposium on Child and Adolescent Psychopharmacology, Antalya, Turkey, 17 - 20 November 2021
- VI. **Antidepressant-like effect of Hypericum olympicum herba extract**
KANDEMİR Ü., TURAN YÜCEL N., KÖSE Y. B., DEMİR ÖZKAY Ü., CAN Ö. D.
International Congress on Biological and Health Sciences (ICBH), Online, Turkey, 26 February 2021
- VII. **The effects of reboxetine on diabetes-induced cognitive impairments**
DEMİR ÖZKAY Ü., TURAN YÜCEL N., KANDEMİR Ü., CAN Ö. D.

- 2nd International African Conference on Current Studies of Science, Technology & Social Sciences, Abuja, Nigeria, 17 October 2020
- VIII. **Opioid receptor subtypes mediating the supraspinal antinociceptive effect of tofisopam**
TURAN YÜCEL N., KANDEMİR Ü., DEMİR ÖZKAY Ü., CAN Ö. D.
2nd International African Conference on Current Studies of Science, Technology & Social Sciences, Abuja, Nigeria, 17 October 2020
- IX. **Antinociceptive effects of vortioxetine via 5HT1A serotonergic and α-adrenergic receptors**
TURAN YÜCEL N., DEMİR ÖZKAY Ü., CAN Ö. D.
2nd International African Conference on Current Studies of Science, Technology & Social Sciences, Abuja, Nigeria, 17 - 18 October 2020
- X. **Antidepressant-like activity of some thiazole-piperazine derivatives**
TURAN YÜCEL N., OSMANIYE D., KANDEMİR Ü., DEMİR ÖZKAY Ü.
2nd International African Conference on Current Studies of Science Technology & Social Sciences, Abuja, Nigeria, 17 October 2020
- XI. **The Effect of Tianeptine Therapy on Allodynia Developing in Rats With Experimental Diabetic Neuropathy**
TURAN N., Kandemir Ü., CAN Ö. D., DEMİR ÖZKAY Ü.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- XII. **Evaluating the Antidepressant-like and Anxiolytic-like Effects of Some 1,3,4-Thiadiazole Based Compounds**
DEMİR ÖZKAY Ü., CAN Ö. D., ALTINTOP M. D., KAPLANCIKLI Z. A.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- XIII. **Antidepressant-like Effect of Chlorogenic Acid: Some Approaches for the Mode of Action**
Üçel U. İ., TURAN N., DEMİR ÖZKAY Ü., CAN Ö. D.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- XIV. **Antinociceptive Activity Evaluation Of Some Compounds Bearing Benzimidazole/Benzothiazole Rings**
TURAN N., Kandemir Ü., DEMİR ÖZKAY Ü., CAN Ö. D.
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, 16 - 18 April 2019
- XV. **Agomelatin'in Sıçanlarda Diyabet ile İndüklenen Davranışsal Bozukluklar Üzerine Etkileri**
Üçel U. İ., CAN Ö. D., DEMİR ÖZKAY Ü.
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), 16 - 17 November 2018
- XVI. **Atomoksetin'in D2/D3 Dopaminerjik Reseptörler Aracılıklı Anti-allodynokin Etkisi**
TURAN N., DEMİR ÖZKAY Ü., CAN Ö. D.
V. Uluslararası Multidisipliner Çalışmaları Sempozyumu (ISMS), 16 - 17 November 2018
- XVII. **Bazı benzotiazol türevlerinin antinosiseptif ve anksiyolitik-benzeri etkilerinin araştırılması**
ÜÇEL U. İ., TURAN YÜCEL N., DEMİR ÖZKAY Ü.
5th International Symposium on Multidisciplinary Studies (ISMS), Ankara, Turkey, 16 November 2018
- XVIII. **INVESTIGATION OF MONOAMINE OXIDASE INHIBITORY ACTIVITIES OF NEW CHALCONE DERIVATIVES: COMPARISON OF LC-MS/MS AND FLUOROMETRIC METHODS**
DEMİR ÖZKAY Ü., CAN N. Ö., LEVENT S., ÖZKAY Y., CAN Ö. D.
IMSC2018 - INTERNATIONAL MASS SPECTROMETRY CONFERENCE 2018, Floransa, Italy, 27 - 31 August 2018
- XIX. **Identification of a novel metabolite originating from JWH-015 using LCMS-IT-TOF**
CAN Ö. D., DEMİR ÖZKAY Ü., LEVENT S., TURAN YÜCEL N., ALYU F., ÖZTÜRK Y.
22nd International Mass Spectrometry Conference 2018 (22 IMSC), Italy, 26 August 2018
- XX. **Anxiolytic-like Activities of Some 1,3,4-Thiadiazole Derivatives**
CAN Ö. D., DEMİR ÖZKAY Ü., ALTINTOP M. D., KAPLANCIKLI Z. A.
12th International Symposium on Pharmaceutical Sciences (ISOPS-12), Ankara, Turkey, 26 - 29 June 2018
- XXI. **Contribution of delta opioid receptors to anti-hyperalgesic efficacy of reboxetine**
TURAN YÜCEL N., DEMİR ÖZKAY Ü., CAN Ö. D.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 28 June 2018
- XXII. **Antidepressant-like effect of some benzimidazole-piperidine derivatives**

- ÜÇEL U. İ., TURAN YÜCEL N., DEMİR ÖZKAY Ü., CAN Ö. D.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 June 2018
- XXIII. **Anti-nociceptive effect of some benzothiazole derivatives**
TURAN YÜCEL N., ÜÇEL U. İ., CAN Ö. D., DEMİR ÖZKAY Ü.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 June 2018
- XXIV. **Alterations in Dendritic Spine Morphology on the Hippocampal Neurons of Diabetic Rats**
ULUPINAR E., POLAT ÇORUMLU E., CAN Ö. D., DEMİR ÖZKAY Ü.
7th Congress of the Serbian Neuroscience Society, 25 - 27 October 2017
- XXV. **Neuropharmacological Aspects of some CRATAEGUS Species of TURKEY**
ÖZTÜRK Y., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK N.
3rd International Conference on Natural Products Utilization: from Plants to Pharmacy Shelf (ICNPU-2017), 18 - 21 October 2017
- XXVI. **Efficacy of tianeptine on diabetes induced mechanical hyperalgesia and allodynia parameters of rats**
CAN Ö. D., DEMİR ÖZKAY Ü.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- XXVII. **AN INVESTIGATION ON THE EFFECT OF REBOXETINE TREATMENT ON THERMAL HYPERALGESIA AND ALLODYNYA IN DIABETIC RATS**
TURAN N., DEMİR ÖZKAY Ü., CAN Ö. D.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- XXVIII. **EFFECT OF TOFISOPAM ON PROLIFERATION OF GRANULAR NEURONS IN RAT HIPPOCAMPUS**
Üçel U. İ., CAN Ö. D., DEMİR ÖZKAY Ü., ULUPINAR E.
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- XXIX. **THERAPEUTIC POTENTIAL OF REBOXETINE TREATMENT ONMECHANICAL STIMULI INDUCED HYPERALGESIA AND ALLODYNYA IN DIABETIC RATS**
TURAN N., CAN Ö. D., DEMİR ÖZKAY Ü.
10th Congress of the European Pain Federation (EFIC), 6 - 09 September 2017
- XXX. **Anti-Alzheimer etki potansiyelleri açısından benzotiyazol/piperidin/piperazin türevleri**
DEMİR ÖZKAY Ü., CAN Ö. D., ÖZKAY Y., ÖZTÜRK Y.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu (ANES), Turkey, 1 - 02 June 2017
- XXXI. **Agomelatin Tedavisinin Diyabet Kaynaklı Bilişsel Bozuklıklar Üzerine Etkileri: Eşlik Eden Hippokampal Morfolojik Değişimler**
CAN Ö. D., Üçel U. İ., DEMİR ÖZKAY Ü., ÖZTÜRK Y., ULUPINAR E.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu (ANES), Turkey, 1 - 02 June 2017
- XXXII. **Effects of Agomelatine Treatment on the Hippocampal Morphology in Diabetic Rats**
CAN Ö. D., Üçel U. İ., DEMİR ÖZKAY Ü., ULUPINAR E.
9th International Congress on Psychopharmacology/5th International Symposium on Child and Adolescent Psychopharmacology, 26 - 30 April 2017
- XXXIII. **Tianeptin'in deneysel diyabet oluşturulan sıcaklarda ortaya çıkan termal allodini üzerinde dəvət edici etkinliği**
TURAN N., CAN Ö. D., DEMİR ÖZKAY Ü.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XXXIV. **Alzheimer Hastalığı'nın tedavisinde güncel gelişmeler: Her yönüyle Huperzin A**
CAN Ö. D., TURAN YÜCEL N., DEMİR ÖZKAY Ü.
I. Ulusal Marmara Eczacılık Kongresi (UMEK), İstanbul, Turkey, 03 November 2016
- XXXV. **Agomelatin için olası yeni bir endikasyon: adrenerjik reseptör aracılıklı anti-nöropatik etki**
DEMİR ÖZKAY Ü., CAN Ö. D., TURAN YÜCEL N.
I. Ulusal Marmara Eczacılık Kongresi (UMEK), İstanbul, Turkey, 03 November 2016
- XXXVI. **Which anti depressant drug should be preferred for the treatment of neuropathic pain in diabetic population**
TURAN N., CAN Ö. D., DEMİR ÖZKAY Ü.
J Neurol Neurophysiol, 21 - 23 September 2016

- XXXVII. **New benzimidazole-hydrazone as MAO inhibitors**
CAN Ö. D., DEMİR ÖZKAY Ü., OSMANIYE D., SAĞLIK B. N.
International Conference on Pharmaceutical Chemistry, Frankfurt, Germany, 5 - 07 September 2016
- XXXVIII. **Synthesis and Anticholinesterase Effects of New 2 Substituted Benzothiazole Derivatives**
DEMİR ÖZKAY Ü.
International Conference on Pharmaceutical Chemistry, 5 - 07 September 2016
- XXXIX. **Investigation of the involvement of dopaminergic receptor subtypes in the gallicacid induced antidepressant like activity**
TURAN N., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
7th European Congress of Pharmacology (EPHAR2016), 26 - 30 June 2016
- XL. **Dopaminergic receptor subtypes mediated antidepressant like activity of quercetin**
ALYU F., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZTÜRK Y.
7th European Congress of Pharmacology, 26 - 30 June 2016
- XLI. **Antidepressant like effects of chlorogenic acid possible underlying mechanisms**
DEMİR ÖZKAY Ü., CAN Ö. D.
8th International Congress on Psychopharmacology & 4th International Symposium on Child and Adolescent Psychopharmacology, 20 - 24 April 2016, vol.26, pp.171
- XLII. **Increase in synaptic catecholamine level contributes to the antihyperalgesic effect of agomelatine in diabetic rats**
CAN Ö. D., DEMİR ÖZKAY Ü.
8th International Congress on Psychopharmacology & 4th International Symposium on Child and Adolescent Psychopharmacology, 20 - 24 April 2016, vol.26, pp.169-170
- XLIII. **Effects of some novel piperidine derivatives on nociception parameters**
Mete B., TURAN YÜCEL N., DEMİR ÖZKAY Ü., ÖZKAY Y.
International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015
- XLIV. **New Antiprotozoal Drug Candidates From Natural Products to Synthetic Molecules**
ESER M., KÜRŞAT K., CAN Ö. D., DEMİR ÖZKAY Ü.
International Multidisciplinary Symposium on drug Research & Development, Eskişehir, 15 - 17 October 2015
- XLV. **Neurotoxicity Assessment of Amoxicillin in Juvenile Rats**
ATLI Ö., DEMİR ÖZKAY Ü., ILGIN S., Aydin H., Akbulut E., ŞENER E.
The 51th Congress of the European Societies of Toxicology (Eurotox 2015), 13 - 15 September 2015, vol.238, pp.272
- XLVI. **Antidepresan-benzeri Etkinlik Açısından Kersetin: Rol Oynayan Monominerjik Rezeptör Tipleri**
ALYU TEKEŞ F., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZTÜRK Y.
Türk Farmakoloji Derneği 23. Ulusal Farmakoloji Kongresi, Turkey, 7 - 10 September 2015
- XLVII. **Gallik asit ile indüklenen antidepresan-benzeri etkinlikte rol oynayan serotonerjik rezeptör alt-tiplerinin aydınlatılmasına ilişkin bir araştırma**
TURAN YÜCEL N., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
Türk Farmakoloji Derneği 23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 07 September 2015
- XLVIII. **St John s wort is a metabolic enhancer to control weight gain**
ÖZTÜRK Y., CAN Ö. D., DEMİR ÖZKAY Ü.
344th OMICS International Conference, 18 - 20 August 2015
- XLIX. **Beneficial effect of agomelatine on diabetes induced depression and cognitive deficites in rats**
Üçel U. İ., CAN Ö. D., DEMİR ÖZKAY Ü.
2nd World Congress of Neurotherapeutics, 3 - 06 September 2015
- L. **Synthesis of Novel 4 Substituted Piperazine 1 Carbodithioic Esters and Investigation of Their Inhibitory Activity Against Cholinesterase Enzymes**
UÇUCU Ü., ÖZKAY Y., İŞIKDAĞ İ., ACAR U., CAN Ö. D., DEMİR ÖZKAY Ü.
Spanish-Italian Medicinal Chemistry Congress-SIMCC 2015, 12 - 15 July 2015
- LI. **Synthesis of Novel 4 Substituted Piperazine 1 Carbodithioic Esters and Investigation of Their**

- Inhibitory Activity against Cholinesterase Enzyme**
UÇUCU Ü., ÖZKAY Y., İŞIKDAĞ İ., ACAR U., CAN Ö. D., DEMİR ÖZKAY Ü.
SIMCC, 12 - 15 July 2015
- LII. **Evidence for the Involvement of alpha-1-adrenoceptors in the antidepressant-like effects of quercetin**
CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y., ALYU F.
13. Ulusal Sinirbilim Kongresi, Turkey, 30 April - 05 May 2015
- LIII. **Kersetin in antidepresan benzeri etkisine alfa 1 adrenoreseptörlerin katkıma dair kanıt**
ALYU F., CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
13. Ulusal Sinirbilim Kongresi, Turkey, 30 April - 03 May 2015
- LIV. **Gallik asidin antidepresan-benzeri etkisine alfa-adrenerjik reseptörlerin katılımı**
TURAN YÜCEL N., Aydin T. H., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZTÜRK Y.
13. Ulusal Sinirbilim Kongresi, Konya, Turkey, 30 April 2015
- LV. **Beneficial effect of mianserin in experimentallyinduced chronic hyperglycemia evidence of increased Ins1 mRNA expression**
CAN Ö. D., DEMİR ÖZKAY Ü., DİKMEN M., Üçel U. İ.
7th International Congress on Psychopharmacology & 3rd International Symposium on Child and Adolescent Psychopharmacology (7th ICP - 3rd ISCAP), 15 - 19 April 2015
- LVI. **Antidepressant like effects of quercetin in mice evidence for the involvement of monoaminergic mechanisms**
ALYU F., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
7th International Congress on Psychopharmacology & 3rd International Symposium on Child and Adolescent Psychopharmacology, 15 - 19 April 2015
- LVII. **Effect of subacute agomelatine treatment on diabetic neuropathic pain**
Aydin T. H., CAN Ö. D., DEMİR ÖZKAY Ü.
7th International Congress on Psychopharmacology & 3rd International Symposium on Child and Adolescent Psychopharmacology (7th ICP - 3rd ISCAP), 15 - 19 April 2015
- LVIII. **Contribution of adrenergic receptors to anti allodynic effect of mianserin in experimentally induced diabetic neuropathy model**
Üçel U. İ., CAN Ö. D., DEMİR ÖZKAY Ü.
7th International Congress on Psychopharmacology & 3rd International Symposium on Child and Adolescent Psychopharmacology (7th ICP - 3rd ISCAP), 15 - 19 April 2015
- LIX. **Effect of 2 6 nitro 2 benzothiazolyl amino 2 oxoethyl4 2 N N dimethylamino ethyl piperazine 1 carbodithioate on learning and memory parameters ofrats in experimental Alzheimer s disease model**
TURAN N., Aydin T. H., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZKAY Y.
CNS2015 Innovations in Mind and Brain Science, 28 - 31 March 2015
- LX. **The effect of mianserin treatment on Morris water maze performance of streptozotocin induced diabetic rats**
ALYU F., Üçel U. İ., CAN Ö. D., DEMİR ÖZKAY Ü.
CNS2015 Innovations in Mind and Brain Science, 28 - 31 March 2015
- LXI. **The effect of mianserin treatment on Morris Water Maze performance of streptozotocin induced diabetic rats**
ALYU F., UMUT İRFAN Ü., CAN Ö. D., DEMİR ÖZKAY Ü.
Cognitive Neuroscience Society Annual Meeting, 28 - 31 March 2015
- LXII. **Is Hypericum perforatum a favorable therapeuticmodality for the treatment of diabetes induced cognitive disorders**
ÖZTÜRK Y., CAN Ö. D., DEMİR ÖZKAY Ü.
CNS2015 Innovations in Mind and Brain Science, 28 - 31 March 2015
- LXIII. **EFFECT OF 2-[(6-NITRO-2-BENZOTHIAZOLYL)AMINO]-2-OXOETHYL 4-[2-(N,N-DIMETHYLAMINO)ETHYL]PIPERAZINE-1-CARBODITHIOATE ON LEARNING AND MEMORY**

- PARAMETERS OF RATS IN EXPERIMENTAL ALZHEIMER'S DISEASE MODEL**
TURAN YÜCEL N., Aydin T. H., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZTÜRK Y.
Cognitive Neuroscience Society 2015 Annual Meeting, San-Francisco, Costa Rica, 28 - 31 March 2015
- LXIV. **Effect of 2 6 nitro 2 benzothiazolyl amino 2 oxoethyl 4 2 N N dimethylamino ethyl piperazine 1 carbodithioate on learning and memory parameters of rats in experimental Alzheimer s disease model**
TURAN N., Aydin T. H., DEMİR ÖZKAY Ü., CAN Ö. D., ÖZKAY Y.
CNS2015 Innovations in Mind and Brain Science, 18 - 21 March 2015
- LXV. **Synthesis and biological activity observation of some new thiazole derivatives**
SAĞLIK B. N., YURTTAŞ L., CANTÜRK Z., DEMİR ÖZKAY Ü.
3th International Conference On Antimicrobial Research (ICAR 2014), Madrid, Spain, 1 - 03 October 2014
- LXVI. **Synthesis, anticandidal and anticholinesterase activity of some benzothiazole derivatives**
SAĞLIK B. N., CANTÜRK Z., DEMİR ÖZKAY Ü.
3th International Conference On Antimicrobial Research (ICAR 2014), Madrid, Spain, 1 - 03 October 2014
- LXVII. **Synthesis and Biological Activity Observation of Some New Thiazole Derivatives III International Conference on Antimicrobial Research**
Sağlık N. P., YURTTAŞ L., CANTÜRK Z., DEMİR ÖZKAY Ü.
ICAR2014, Madrid, Spain, 1 - 03 October 2014
- LXVIII. **Synthesis and Biological Activity of Some Novel Thiadiazole Derivatives**
ACAR U., DEMİR ÖZKAY Ü., CANTÜRK Z.
ICAR, 1 - 03 October 2014
- LXIX. **Synthesis Antifungal and Anticholinesterase Activity Evaluation of Some Substituted Carbodithioic Acid 3 4 Disubstituted Phenylcarbamoyl Methyl Esters**
ACAR U., DEMİR ÖZKAY Ü., CANTÜRK Z.
ICAR, 1 - 03 October 2014
- LXX. **U Acar Ü Demir Özkay Z Cantürk Synthesis and biological activity of some novel thiadiazole derivatives Code 448 Madrid Spain 1 3 Ekim 2014**
ACAR U., DEMİR ÖZKAY Ü., CANTÜRK Z.
ICAR 2014, Madrid, Spain, 1 - 03 October 2014
- LXXI. **Centrally and peripherally mediated antinociceptive activities of some 1 3 5 triaryl 4 5 dihydro 1H pyrazole derivatives**
TURAN N., ALYU F., ÜÇEL U. İ., AYDIN T. H., DEMİR ÖZKAY Ü., ÖZTÜRK Y.
4th International Meeting on Pharmacy & Pharmaceutical Sciences, 18 - 21 September 2014
- LXXII. **Synthesis of some novel dithiocarbamate derivatives inhibitors**
SAĞLIK B. N., DEMİR ÖZKAY Ü.
Fourth International Meeting On Pharmacy Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014
- LXXIII. **Synthesis of some 6-nitro benzothiazole derivatives and investigation of their inhibitory activity on MAO enzymes**
SAĞLIK B. N., ÖZKAY Y., DEMİR ÖZKAY Ü.
Fourth International Meeting On Pharmacy Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014
- LXXIV. **Antifungal and Acetylcholinesterase Inhibitory Effects of Some Triazole Derivatives**
ACAR U., DEMİR ÖZKAY Ü., CANTÜRK Z.
IMPPS-4, 18 - 21 September 2014
- LXXV. **Synthesis and Biological Evaluation of Some Piperazinedithiocarbamate Derivatives as Acetylcholinesterase Inhibitors**
ACAR U., DEMİR ÖZKAY Ü.
IMPPS-4, 18 - 21 September 2014
- LXXVI. **Chloro Substituted Pyrazolines As Antidepressant Agents**
ÖZDEMİR A., ALTINTOP M. D., CAN Ö. D., DEMİR ÖZKAY Ü.

- 20th International Conference on Organic Synthesis (ICOS-20), Budapest, Hungary, 29 June - 04 July 2014
- LXXVII. **Synthesis and In Vivo Evaluation of 1 3 5 Trisubstituted Pyrazolines As Antidepressant like Agents**
ALTINTOP M. D., ÖZDEMİR A., DEMİR ÖZKAY Ü., CAN Ö. D.
- 20th International Conference on Organic Synthesis (ICOS-20), Budapest, Hungary, 29 June - 04 July 2014
- LXXVIII. **Analgesic and antiinflamatory activity of some thiazole derivatives**
ÖZKAY Y., DEMİR ÖZKAY Ü., CAN Ö. D., YURTTAŞ L.
- International Symposium on Drug Research and Development, 27 - 29 May 2011
- LXXIX. **Central nervous system depressant activity of Olea europaea L leaves extract**
ÖZTÜRK Y., CAN Ö. D., DEMİR ÖZKAY Ü., BEKTAŞ N.
- 39th Annual General Meeting of the European Brain and Behaviour Society, 15 - 19 October 2007
- LXXX. **Crataegus Monogyna tohumlarında anksiyolitik aktivite**
DEMİR ÖZKAY Ü., CAN Ö. D., ÖZTÜRK N., BEKTAŞ N., ÖZTÜRK Y.
- Türk Farmakoloji Derneği 18. Ulusal Farmakoloji Kongresi, Turkey, 28 September - 01 October 2005

Supported Projects

DEMİR ÖZKAY Ü., Mianserin tianeptin ve medazepam in streptozotosin ile diyabet edilmiş sıçanlarda değişen depresyon anksiyete ve ağrı parametreleri üzerine etkilerinin incelenmesi, Continues

DEMİR ÖZKAY Ü., Kronik agomelatin uygulamasının sıçanların öğrenme ve bellek parametreleri üzerine etkilerinin araştırılması ve nitrik oksidin olası katılımının incelenmesi, Continues

DEMİR ÖZKAY Ü., Deneysel Alzheimer modelinin oluşturulması ve etkili yeni bileşiklerin denenmesi, Continues

CAN Ö. D., CAN N. Ö., TURAN YÜCEL N., LEVENT S., ÖZKAY Y., ACAR ÇEVİK U., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Yeni 2-sübstüebenzotiyazol türevlerinin antikolinesteraz etkilerinin araştırılması, 2016 - 2017

CAN Ö. D., OSMANIYE D., TURAN YÜCEL N., ÖZKAY Y., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Bazı yeni 2-sübstüe-1-propargilbenzimadazol türevlerinin monoamin oksidaz (MAO) enzimi üzerine etkilerinin araştırılması, 2016 - 2017

CAN Ö. D., ALYU ALTINOK F., ÖZTÜRK Y., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Mianserin ve agomelatinin deneysel diyabet oluşturulmuş sıçanlarda değişen kognitif parametreler ve hippocampal morfoloji üzerine etkinliğinin araştırılması, 2015 - 2017

CAN Ö. D., CAN N. Ö., ÖZCAN S., LEVENT S., TURAN YÜCEL N., ÖZKAY Y., ÖZTÜRK Y., ACAR ÇEVİK U., DEMİR ÖZKAY Ü., ALYU ALTINOK F., Project Supported by Higher Education Institutions, Narkotik Etkili AM 630, CP 47 497 ve JWH 015 Maddelerinin Çeşitli Farmakolojik Etkilerinin Araştırılması, 2015 - 2017

CAN Ö. D., TURAN YÜCEL N., ÖZTÜRK Y., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, 2-[(6-Nitro-2-benzotiazolil)amino]-2-oksoetil 4-[2-(N,N-dimetilamino)etil]piperazin-1-karboditioat'ın kognitif parametreleri üzerine etkisinin deneysel Alzheimer modelinde değerlendirilmesi, 2015 - 2017

ÖZCAN S., CANTÜRK Z., ACAR ÇEVİK U., DEMİR ÖZKAY Ü., DİKMEN M., ILGIN S., ATLI EKLİOĞLU Ö., Project Supported by Higher Education Institutions, Bazı Yeni 2-[4-(Sübstüemetil)fenil]propiyonik Asit Türevlerinin Sentezlenmesi ve Biyolojik Etkilerinin Araştırılması, 2014 - 2017

CAN Ö. D., DEMİR ÖZKAY Ü., ÖZTÜRK Y., Project Supported by Higher Education Institutions, Kronik Agomelatin Uygulamasının Sıçanların Öğrenme ve Bellek Parametreleri ve Hippokampal Morfolojileri Üzerine Etkilerinin İncelenmesi, 2012 - 2017

CAN Ö. D., TURAN YÜCEL N., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Yeni sübstüe piperidin türevlerinin sentezlenmesi ve analjezik etkilerinin araştırılması, 2015 - 2016

CAN Ö. D., ÖZKAY Y., ÖZTÜRK Y., DEMİR ÖZKAY Ü., LEVENT S., Project Supported by Higher Education Institutions, Kolinesteraz İnhibitörleri Olarak Bazı Yeni Piperidin Piperazin Ditiyokarbamat Türevlerinin Sentezlenmesi ve İnvitro Enzim Aktivitelerinin Araştırılması, 2013 - 2016

CAN Ö. D., ÖZKAY Y., ÖZTÜRK Y., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Bazı N 4 Sübstüefenil 2 Hetoroarilsulfanil Asetamid Türevlerinin Sentezleri ve Kolinesteraz Enzimleri Üzerine Etkinliklerinin İncelenmesi, 2012 - 2016

CAN Ö. D., CAN N. Ö., ARLİ G., ÖZKAY Y., DEMİR ÖZKAY Ü., ÖZTÜRK Y., Project Supported by Higher Education Institutions, Benzimidazol Yapısı Taşıyan Moklobemid Analogu Yeni Bileşiklerin Sentezlenmesi ve Sıçanların Depresyon Parametreleri ile Beyin Monoamin Düzeyleri Üzerine Etkilerinin İncelenmesi, 2011 - 2016

CAN Ö. D., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, Diyabetik Sıçanlarda Agomelatin Uygulamasının Nöropatik Ağrı ile I�is kili Nosiseptif Nöronlar Üzerindeki Etkileri, 2014 - 2015

ÖZKAY Y., ÖZDEMİR A., TURAN G., KAPLANCIKLİ Z. A., DEMİR ÖZKAY Ü., YURTTAŞ L., Project Supported by Higher Education Institutions, 4 2 Pirimidinil piperazin 1 karboditiyoik Asit Türevlerinin Sentezi ve Antikolinesteraz Aktivitelerinin Araştırılması, 2013 - 2015

CAN Ö. D., DEMİR ÖZKAY Ü., Project Supported by Higher Education Institutions, MMianserin in ve Agomelatin in Streptozotosin ile Diyabet Oluşturulmuş Sıçanlarda Değişen Depresyon Anksiyete ve Ağrı Parametreleri Üzerine Etkilerinin İncelenmesi, 2011 - 2015

Özdemir A., Altintop M. D., Turan G., Kaplancıklı Z. A., Can Ö. D., Demir Özkay Ü., Project Supported by Higher Education Institutions, Synthesis of New Substituted Pyrazoline Derivatives and Investigation of Their Antidepressant Effects, 2012 - 2014