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Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (Dr), Turkey 2001 - 2007

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (YI) (Tezli), Turkey 1998 - 2001

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1994 - 1998

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Formoterol'xxun kapiler elektroforez (CE) ile tayini ve farmasötik preparatı olan inhalasyon kapsüllerine uygulanışı, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Analitik Kimya (YI) (Tezli), 2001

Academic Titles / Tasks

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2014 - Continues

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 1998 - Continues

Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2011 - 2014

Courses

Ayrırma Tekniklerine Giriş, Postgraduate, 2012 - 2013

Analitik Kimya Uygulamaları 2, Undergraduate, 2012 - 2013

İlaç Analizleri ve Ayrırma Teknikleri, Undergraduate, 2012 - 2013, 2011 - 2012

Mezuniyet Projesi 1, Undergraduate, 2012 - 2013

Analitik Kimya 1, Undergraduate, 2012 - 2013

Sıvı Kromatografisi-Kütle Spektrometrisi ve Uygulamaları, Doctorate, 2012 - 2013

Analitik Kimya Uygulamaları 1, Undergraduate, 2012 - 2013

Analitik Kimya Uygulamaları, Undergraduate, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Correlative Cellular Mass Spectrometry Imaging and Amperometry Show Dose Dependent Changes in Lipid Composition and Exocytosis**
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ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, vol.62, 2023 (SCI-Expanded)
- II. **Investigation of the Pharmacokinetic Properties and Theoretical Chemical Activities of 7,8-Dihydroxyflavone and 4'-Dimethylamino-7,8-Dihydroxyflavone**
Karakaya M. F., GÖKALP F., ŞENER E., KORKMAZ O. T.
CURRENT PHARMACEUTICAL ANALYSIS, vol.19, no.4, pp.317-323, 2023 (SCI-Expanded)
- III. **An Overview of Advances in the Chromatography of Drugs Impurity Profiling**
ALSaedy M., Al-Adhrai A., Oncu-Kaya E. M., ŞENER E.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, vol.53, no.7, pp.1455-1471, 2023 (SCI-Expanded)
- IV. **Advanced liposome based PEGylated microgel as a novel release system for 5-fluorouracil against MCF-7 cancer cell**
Ulker D., BARUT İ., ŞENER E., BÜTÜN V.
EUROPEAN POLYMER JOURNAL, vol.146, 2021 (SCI-Expanded)
- V. **Application of LC-ESI-MS/MS Method for Analysis of Escitalopram Oxalate in Human Urine and Pharmaceutical Dosage Forms**
Badulla W. F. S., Atkosar Z., Arli G., Sener E.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.58, no.2, pp.91-97, 2020 (SCI-Expanded)
- VI. **Determination of Ochratoxin-A in the brain microdialysates and plasma of awake, freely moving rats using ultra high performance liquid chromatography fluorescence detection method**
Kaya E. M. O., KORKMAZ O. T., YENİCELİ UĞUR D., ŞENER E., TUNÇEL A. N., Tuncel M.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1125, 2019 (SCI-Expanded)
- VII. **Simultaneous Determination of Substance P and CGRP in Rat Brainstem Tissue Using LC-ESI-MS/MS Method**
Alasag N., Şener E., Dogrukol-Ak D.
CURRENT ANALYTICAL CHEMISTRY, no.6, pp.583-590, 2018 (SCI-Expanded)
- VIII. **Preparation and Characterization of Rivaroxaban Nanocrystals Prepared by Combination of Wet Ball Milling and High Pressure Homogenization Methods**
Demir H., GÜLSÜN İNAL T., ŞENER E., ŞAHİN S., ÖNER L.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.12, pp.2482-2490, 2018 (SCI-Expanded)
- IX. **A sensitive capillary LC-UV method for the simultaneous analysis of olanzapine, chlorpromazine and their FMO-mediated N-oxidation products in brain microdialysates**
Hendrickx S., YENİCELİ UĞUR D., Yilmaz I. T., ŞENER E., Van Schepdael A., Adams E., Broeckhoven K., Cabooter D.
TALANTA, vol.162, pp.268-277, 2017 (SCI-Expanded)
- X. **Preparation of Fe₂O₃ modified kaolin and application in heterogeneous electro-catalytic oxidation of enoxaciri**
Ozcan A., Ozcan A. A., Demirci Y., ŞENER E.
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.200, pp.361-371, 2017 (SCI-Expanded)
- XI. **Evidence for neurotoxicity associated with amoxicillin in juvenile rats**
Atli O., Demir-Ozkay U., Ilgin S., Aydin T. H., Akbulut E. N., ŞENER E.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.35, no.8, pp.866-876, 2016 (SCI-Expanded)
- XII. **Modulation of Corpus Striatum Neurochemistry by Astrocytes and Vasoactive Intestinal Peptide (VIP) in Parkinsonian Rats**
Yelkenli I. H., ULUPINAR E., KORKMAZ O. T., ŞENER E., KUŞ G., FİLİZ Z., Tuncel N.

JOURNAL OF MOLECULAR NEUROSCIENCE, vol.59, no.2, pp.280-289, 2016 (SCI-Expanded)

- XIII. **Development of a simple and specific uhplc assay for the determination of aripiprazole and dehydroaripiprazole in rat plasma**
Uğur D. Y., Işıl T., YILMAZ A., ŞENER E.
Journal of the Chilean Chemical Society, vol.60, no.3, pp.3049-3053, 2015 (SCI-Expanded)
- XIV. **Ciprofloxacin-induced neurotoxicity: Evaluation of possible underlying mechanisms**
ILGIN S., Can O. D., Atli O., Ucel U. I., ŞENER E., Guven I.
Toxicology Mechanisms and Methods, vol.25, no.5, pp.374-381, 2015 (SCI-Expanded)
- XV. **Evaluation of the antithrombotic effects of Crataegus monogyna and Crataegus davisii in the carrageenan-induced tail thrombosis model**
ARSLAN R., Bektas N., Bor Z., ŞENER E.
Pharmaceutical Biology, vol.53, no.2, pp.275-279, 2015 (SCI-Expanded)
- XVI. **Antioxidant and Anti-Apoptotic Activity of Vasoactive Intestinal Peptide (VIP) Against 6-Hydroxy Dopamine Toxicity in the Rat Corpus Striatum**
Tuncel N., KORKMAZ O. T., Tekin N., ŞENER E., Akyuz F., Inal M.
JOURNAL OF MOLECULAR NEUROSCIENCE, vol.46, no.1, pp.51-57, 2012 (SCI-Expanded)
- XVII. **A simple and sensitive LC-ESI-MS (ion trap) method for the determination of bupropion and its major metabolite, hydroxybupropion in rat plasma and brain microdialysates**
Yeniceli D., Şener E., Korkmaz O. T., Dogrukol-Ak D., Tuncel N.
TALANTA, no.1, pp.19-26, 2011 (SCI-Expanded)
- XVIII. **The effect of pea (Pisum sativum L.)-originated asparaginase on acrylamide formation in certain bread types**
TUNCEL N. B., YILMAZ N., ŞENER E.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.45, no.12, pp.2470-2476, 2010 (SCI-Expanded)
- XIX. **Determination of carbamazepine and its main metabolite carbamazepine-10, 11-epoxide in rat brain microdialysate and blood using ESI-LC-MS (ion trap)**
ŞENER E., Korkmaz O. T., Yeniceli D., Dogrukol-Ak D., Tuncel M., Tuncel N.
CHROMATOGRAPHIA, vol.66, 2007 (SCI-Expanded)
- XX. **Determination of carbamazepine by flow-injection analysis: Its application to tablet analysis and dissolution studies**
Comoglu T., Gonul N., ŞENER E., Dal A. G., Tuncel M.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, no.18, pp.2677-2690, 2006 (SCI-Expanded)
- XXI. **Brain mast cells and therapeutic potential of vasoactive intestinal peptide in a Parkinson's disease model in rats: Brain microdialysis, behavior, and microscopy**
Tuncel N., ŞENER E., CERİT C., Karasu U., Gurer F., ŞAHİNTÜRK V., Baycu C., Ak D., FİLİZ Z.
PEPTIDES, no.5, pp.827-836, 2005 (SCI-Expanded)
- XXII. **Determination of formoterol by capillary electrophoresis and its application to inhaler capsules**
ŞENER E., Tuncel M., Aboul-Enein H.
ARCHIV DER PHARMAZIE, vol.336, no.4-5, pp.226-229, 2003 (SCI-Expanded)
- XXIII. **Rapid determination of naproxen sodium in pharmaceutical formulations by flow injection analysis (FIA) using UV-detection**
ŞENER E., Tuncel M., Aboul-Enein H.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.26, no.3, pp.401-408, 2003 (SCI-Expanded)
- XXIV. **FIA of sildenafil citrate using UV-detection**
Altıokka G., Atkosar Z., ŞENER E., Tuncel M.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.25, no.2, pp.339-342, 2001 (SCI-Expanded)
- XXV. **Flow injection analysis of meloxicam using UV-detection**
ŞENER E., Altıokka G., Atkosar Z., Tuncel M.

Articles Published in Other Journals

- I. **Akış-Enjeksiyon Analiz Tekniği ile UV Dedektör Kullanılarak İlaçlarda Asetetasin Tayini**
SAYDAN KANBEROĞLU G., ŞENER E., tuncel m., ŞENTÜRK Z.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.2, pp.1008-1017, 2019 (Peer-Reviewed Journal)
- II. **Development and Validation of a New HPLC Method for the Determination of Quetiapine and its Metabolites 7 Hydroxy Quetiapine and Quetiapine Sulfoxide in Rat Plasma**
ATİLA KARACA S., YILMAZ I. T., ŞENER E., YENİCELİ UĞUR D.
Turkish Journal of Pharmaceutical Sciences, vol.13, no.1, pp.10-21, 2016 (ESCI)
- III. **Development and validation of a new HPLC method for the determination of quetiapine and its metabolites 7-hydroxy quetiapine and quetiapine sulfoxide in rat plasma Sıçan plazmasında ketiapiin ve metabolitleri 7-hidroksi ketiapiin ve ketiapiin sülfoksit'in tayini için yeni bir yüksek performanslı sıvı kromatografisi yöntemi geliştirilmesi ve yöntemin validasyonu**
ATİLA KARACA S., Yılmaz I. T., ŞENER E., YENİCELİ UĞUR D.
Turkish Journal of Pharmaceutical Sciences, vol.13, no.1, pp.17-26, 2016 (Scopus)
- IV. **Validated HPLC method for the determination of nocodazole in solid lipid nanoparticle formulations Kati{dotless} lipid nanopartikül formiilasyonlan İndeki nokodazol'ün belirlenmesi için onaylanmış HPLC metodu**
Dikmen G., Genç L., ŞENER E.
Turkish Journal of Pharmaceutical Sciences, vol.11, no.2, pp.209-216, 2014 (Scopus)
- V. **Validated HPLC method for the determination of nocodazole in solid lipid nanoparticle formulations DİKMEN G., GENÇ L., ŞENER E.**
Turkish Journal of Pharmaceutical Sciences, vol.11, no.2, pp.209-216, 2014 (Scopus)
- VI. **Cold exposure and adipose nitric oxide and mast cel Influence on aorta contractibility**
TUNÇEL A. N., PEKER E., ŞENER E., DAL A. G., TUNÇEL M., N CHALDAKOV G., TÖRE F.
Adipobiology, no.1, pp.67, 2009 (Peer-Reviewed Journal)
- VII. **Determination of Basic Polyphenolic Compounds in Some Turkish Tea Samples by HPLC Method**
ERĞÜN B., SARAÇOĞLU A., ŞENER E., ALTIOKKA G.
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **LC-MS Analysis of Endogenous Neuropeptides from Tissues of Central Nervous System: An Overview**
Alasağ N., ŞENER E.
in: Applications of Modern Mass Spectrometry, Vol 2, Atta-ur-Rahman , M. Iqbal Choudhary, Syed Ghulam Musharraf, Editor, Bentham Science Publishers, pp.1-61, 2022
- II. **Kromatografik Ayırma Teknikleri**
USLU B., SAĞIRLI A. O., SÜSLÜ İ., GÜNDEN GÖĞER N., SAĞLIK ASLAN S., ÖZKAN S. A., DOĞAN TOPAL B., KUL D., ARIKSOYSAL D., NEMUTLU E., et al.
in: Türk Farmakopesi 2017, Yalçın Özkan, Editor, Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, pp.89-96, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **LC-MS/MS Method for the Determination of Lamotrigine in Human Plasma**
ŞENER E., AK D., KORKMAZ O. T.

- II. **Liquid chromatography-Tandem mass spectrometry method for the determination of escitalopram in human urine**
Badulla w., ŞENER E., ATKOŞAR Z., ARLI G.
GPSS, 11 October 2017
- III. **Olanzapin, klorpromazin ve FMO'ya bağlı N-oksitlerinin duyarlı bir kapiller sıvı kromatografisi kullanılarak sıçan mikrodiyalizatlarındaki tayini**
YENİCELİ UĞUR D., Yılmaz I. T., ŞENER E., Hendrickx S., Cabooter D.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumuna (ANES), Turkey, 1 - 02 June 2017
- IV. **Miniaturized liquid chromatography techniques for pharmaceutical and bioanalytical applications**
Cabooter D., Kislyuk S., Augustijns P., De Witte P., Hendrickx S., YENİCELİ UĞUR D., Yılmaz I. T., ŞENER E.
İVEK Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- V. **Stimuli responsive microgel liposome hybrid biomaterials for controlled and targeted drug release applications**
BÜTÜN V., Ülker D., BARUT İ., ŞENER E.
11th International Conference and Expo on Nanoscience and Molecular Nanotechnology -, 20 - 22 October 2016
- VI. **Evaluation of RP LC data from Ecballium elaterium samples with principal component analysis**
Özdemir B., BARUT İ., ŞENER E.
Third International Conference on New Trends in Chemometrics and Applications, 20 - 22 October 2016
- VII. **Simultaneous determination of substance P and CGRP in rat truncus encephali tissues**
Alasağ N., ŞENER E., AK D.
International Regulatory Peptid Society-RegPep 2016, Rouen, France, 12 - 14 July 2016
- VIII. **A Fast and Robust LC MS MS Method for the Determination of Gabapentin and Levetiracetam in Rat Plasma and Brain Microdialysate**
ŞENER E., AK D., KORKMAZ O. T., Koyutürk S., TORUN Ş., GENÇ L., TUNÇEL A. N.
44th International Symposium on High Performance Liquid Phase Separation and Related Techniques, 19 - 24 June 2016
- IX. **In vitro controlled release of 5 FU drug from a stimuli responsive microgel liposome biomaterials at different temperatures**
Ülker D., BARUT İ., ŞENER E., BÜTÜN V.
11th International Conference and Expo on Nanoscience and Molecular Nanotechnology, 25 - 28 May 2016
- X. **Simultaneous pKa Determination of Amlodipine and Levocetirizine with Gradient RP HPLC**
GENÇ L., BARUT İ., ŞENER E.
Third International Conference on New Trends in Chemometrics and Applications, 20 - 22 May 2016
- XI. **Liquid Chromatographic tandem Mass Spectrometry Method for Determination of Escitalopram In Human Urine**
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International Gazi Pharma Symposium Series, 12 - 15 November 2015
- XII. **LIQUID CHROMATOGRAPHY TANDEM MASS SPECTROMETRY METHOD FOR THE DETERMINATION OF ESCITALOPRAM IN HUMAN URINE**
Badulla W., ŞENER E., ATKOŞAR Z., ARLI G.
International GaziPharma Symposium, 12 - 17 November 2015
- XIII. **In Vitro Evaluation and Permeability Assessment of Liquid and Solid SMEDDS for the Lymphatic Targeting of the Cyclic LyP 1 Peptide**
DOĞAN S. S., Öztürk N., ŞENER E., GÜRSOY R. N.
American Association of Pharmaceutical Scientists (AAPS), 25 - 29 October 2015
- XIV. **Determination of Substance P in rat brain tissues by high performance liquid chromatography electrospray ionization tandem mass spectrometry**
Alasağ N., ŞENER E., AK D.
12th International Symposium on VIP/PACAP and Related Peptides, Nevşehir, Turkey, 21 - 26 September 2015, pp.78

- XV. **Neurotoxicity Assessment of Amoxicillin in Juvenile Rats Toxicology Letters**
ATLI Ö., DEMİR ÖZKAY Ü., ILGIN S., AYDIN H., AKBULUT E. N., ŞENER E.
The 51th Congress of the European Societies of Toxicology (Eurotox 2015), 13 - 16 September 2015
- XVI. **Neurotoxicity Assessment of Amoxicillin in Juvenile Rats**
ATLI Ö., DEMİR ÖZKAY Ü., ILGIN S., Aydın H., Akbulut E., ŞENER E.
The 51th Congress of the European Societies of Toxicology (Eurotox 2015), 13 - 15 September 2015, vol.238, pp.272
- XVII. **LC MS MS method for the determination of Gabapentine in Rat Brain Microdialysate**
ŞENER E., AK D., KORKMAZ O. T., TUNÇEL A. N., TORUN Ş.
ISOPS 11th International Symposium on Pharmaceutical Sciences., Ankara, Turkey, 9 - 12 July 2015
- XVIII. **Development and validation of a simple and specific UHPLC method for the determination of Quetiapine and its metabolites 7 hydroxy Quetiapine and Quetiapine sulfoxide in rat plasma**
ATİLA S., Yılmaz I., ŞENER E., YENİCELİ UĞUR D.
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- XIX. **LC MS MS method for the determination of levetiracetam in rat brain microdialysate**
AK D., ŞENER E., KORKMAZ O. T., TORUN Ş., GENÇ L., TUNÇEL A. N.
11th International Symposium on Pharmaceutical Sciences, ISOPS11, Ankara, Turkey, 9 - 12 June 2015, pp.73-74
- XX. **LC MS MS method for the determination of gabapentin in rat brain microdialysate**
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- XXI. **Mikrodializ Kromatografik Analize Hazır in vivo Örnek Toplama Tekniği**
ŞENER E.
15.Kromatografi Kongresi, Turkey, 8 - 10 April 2015
- XXII. **Simultaneous determination of zonisamide carbamazepine phenytoin and ethosuximide by LC PDA in rat plasma**
ŞENER E., KIRAL M., BEKTAŞ N., KORKMAZ O. T., YENİCELİ D.
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- XXIII. **Simultaneous determination of zonosamide carbamazepine phenytoin and ethosuximide by LC PDA in rat plasma**
ŞENER E., KIRAL M., BEKTAŞ TÜRKMEN N., KORKMAZ O. T., YENİCELİ D.
HPLC 2014, New Orleans, United States Of America, 11 - 15 May 2014
- XXIV. **Development of a Simple UPLC Assay for the Determination of Aripiprazole and Its Active Metabolite Dehydroaripiprazole in Rat Plasma**
YENİCELİ UĞUR D., YILMAZ I. T., ŞENER E.
41st International Symposium on High Performance Liquid Phase Separations and Related Techniques, HPLC 2014, New Orleans, United States Of America, 11 - 15 May 2014
- XXV. **Antioxidant and anti-apoptotic activity of Vasoactive Intestinal Peptide (VIP) against 6-hydroxy dopamine toxicity in the rat corpus striatum**
KORKMAZ O. T., Tuncel N., Tekin N., ŞENER E., Akyuz F., Inal M.
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- XXVI. **Anti oxidant and anti apoptotic actions of vasoactive intestinal peptide on the parkinsonian rats**
KORKMAZ O. T., TEKİN N., ŞENER E., TUNÇEL A. N., AKYÜZ F.
9. Ulusal Sinirbilim Kongresi, İstanbul, Turkey, 19 - 23 April 2010
- XXVII. **Antiinflatuvar -Analjezik ilaçlardan asetaminofen'in akış-enjeksiyon analiz yöntemi ile miktar tayini**
SAYDAN KANBEROĞLU G., ŞENER E., tuncel m., ŞENTÜRK Z.
II. Ulusal Analitik Kimya Kongresi, Turkey, 2 - 04 September 2004

Episodes in the Encyclopedia

I. Türk Farmakopesi 2017

USLU B., NEMUTLU E., ŞENER E., KARADENİZ H., ÇELİK H., ŞATANA KARA H. E., ÇELEBİER M., CAN N. Ö., ÜSTÜNDAĞ Ö., BÜYÜKTUNCEL S. E., et al.

T.C. Sağlık Bakanlığı İlaç ve Tıbbi Cihaz Kurumu, pp., 2017

Supported Projects

ŞENER E., Psikoaktif Bir İlacın HPLC-DAD Dedektörü ile Safsızlık Analizi, 2021 - Continues

ŞENER E., Project Supported by Other Official Institutions, 7,8-Dihidroksiflavon ve 4'Dimetilamino -7,8-

Dihidroksiflavon'un Farmakokinetik Özellikleri ve Teorik Kimyasal Aktivitelerinin Araştırılması, 2019 - 2020

ŞENER E., BARUT İ., Project Supported by Higher Education Institutions, Temel Bileşen Analizine (PCA) Uygun Verilerin Elde Edilebilmesi İçin Bir Gaz Kromatografisi-FID Yönteminin Geliştirilmesi, 2018 - 2019

ŞENER E., BARUT İ., Project Supported by Higher Education Institutions, Sıvı Kromatografisi Sonuçlarının Temel Bileşen Analizi ile Değerlendirilerek Bitki Çaylarının Karşılaştırılması, 2016 - 2017

ŞENER E., Project Supported by Higher Education Institutions, Carvacrol ün Parkinson hastalığı patolojisine karşı tedavi edici etkilerinin araştırılması, 2014 - 2017

ŞENER E., Project Supported by Higher Education Institutions, Deneysel Parkinson Modelinde Carvacrol'un Etkileri, 2014 - 2017

YENİCELİ UĞUR D., ŞENER E., ATILA KARACA S., Project Supported by Higher Education Institutions, Klinik Kullanımları Yeni Olan Atipik (İkinci Jenerasyon) Antipsikotik İlaçların Sıçan Plazmasında Tayini için Basit, Hızlı ve Duyarlı Bir Analitik Yöntem Geliştirilmesi ve Yöntemin Tam Olarak Validasyonu, 2013 - 2017

Ak D., Şener E., Korkmaz O. T., Torun Ş., Tunçel A. N., Project Supported by Higher Education Institutions, SIÇAN PLAZMA VE BEYİN MİKRODİYALİZ ÖRNEKLERİNDE BAZI ANTİEPİLEPTİK İLAÇLARIN VE METABOLİTLERİNİN SIVI KROMATOĞRAFI TANDEM KÜTLE SPEKTROMETRİ İLE TAYİNİ VE KLİNİK UYGULAMALAR, 2013 - 2017

ŞENER E., Project Supported by Higher Education Institutions, "Sıvı Kromatografisi - Parmak İzi Yönteminin Bitkisel Drogların Kararlılık Çalışmalarında Uygulanabilirliğinin Ecballium Elaterium Örneğinde Araştırılması, 2011 - 2017

ŞENER E., YENİCELİ UĞUR D., Klinikte Kullanımı Önem Taşıyan Antipsikotik İlaçların Flavin Monooksijenaz Enzimine FMO Bağlı N Oksidasyonunun Sıçan Mikrodializatlarında in vivo İncelenmesi ve İlgili Metabolitlerin Kan Beyin Dağılımlarının Belirlenmesi, 2013 - 2016

ŞENER E., BEKTAŞ TÜRKMEN N., Project Supported by Higher Education Institutions, HIZLI VE DUYARLI BİR ANALİTİK YÖNTEM İLE SIKLIKLA KULLANILAN ANTİEPİLEPTİK İLAÇLARIN KAN BEYİN DAĞILIMLARI VE SİNİR KİMYASALLARI ÜZERİNE ETKİLERİNİN SIÇANLAR ÜZERİNDE İN VİVO İNCELENMESİ, 2011 - 2016

ŞENER E., Industrial Thesis Project, World Medicine İlaç San ve Tic A Ş tarafından yapılan Ar Ge Merkezi başvurusu, 2015 - 2015

YENİCELİ UĞUR D., ŞENER E., Project Supported by Higher Education Institutions, UHPLC Yöntemiyle Bazı Antipsikotik İlaçların Sıçan Mikrodializatlarındaki Tayini, 2014 - 2015

ŞENER E., KUŞ G., Project Supported by Higher Education Institutions, Deneysel Parkinson Modelinde Vazoaktif İntestinal Peptid in Nöron Koruyucu Etkisine Astrosit Hücrelerinin Katkısı, 2012 - 2015

Ak D., Şener E., Alasağ N., Project Supported by Higher Education Institutions, Substance P ve CGRP nin çeşitli Analitik Yöntemlerle Ölçülmesi, 2012 - 2014