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International Researcher IDs

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Publons / Web Of Science ResearcherID: Q-5608-2019

Yoksis Researcher ID: 16739

Education Information

Doctorate, Karadeniz Technical University, Farmakoloji, Turkey 2014 - 2020

Undergraduate, Gazi University, Eczacılık Fakültesi, Turkey 2008 - 2013

Certificates, Courses and Trainings

Education Management and Planning, Temel Klinik Araştırma (İyi Klinik Uygulamaları) Eğitimi, Ulusal Klinik Araştırma Ağı Uygulama ve Araştırma Merkezi, 2017

Education Management and Planning, Tübitak Proje Eğitimi, Tübitak Proje Eğitimi, Karadeniz Teknik Üniversitesi, 2015

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası,, Karadeniz Teknik Üniversitesi Hayvan Deneyleri Yerel Etik Kurulu, 2013, 2013

Dissertations

Doctorate, Wnt/beta-katenin sinyal yolağı inhibitörü Niklozamid'in diyabetik erektil disfonksiyonda koruyucu etkisinin araştırılması, Karadeniz Technical University, -, Farmakoloji, 2020

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - Continues

Research Assistant PhD, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2020 - 2021

Research Assistant, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2013 - 2020

Academic and Administrative Experience

Head of Department, Karadeniz Technical University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Courses

Otakoidler, Postgraduate, 2022 - 2023
Staj-IV, Undergraduate, 2021 - 2022
Receptors, Postgraduate, 2022 - 2023
Farmasötik Bakım-I, Undergraduate, 2022 - 2023, 2021 - 2022
Farmakoloji-IV, Undergraduate, 2021 - 2022
Akılcı İlaç Kullanımı, Undergraduate, 2021 - 2022
Kanıtı Dayalı Eczacılık Uygulamaları, Undergraduate, 2020 - 2021
Farmakoterapi, Undergraduate, 2020 - 2021
Farmakoloji-I, Undergraduate, 2020 - 2021
İlaç Etkileşimleri, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dimethyl Fumarate Attenuates Cyclophosphamide-Induced Bladder Damage and Enhances Cytotoxic Activity Against SH-SY5Y Cells.**
Barut E. N., Engin S., Öz E., Reis R.
Journal of biochemical and molecular toxicology, vol.39, no.3, 2025 (SCI-Expanded)
- II. **Ranolazine attenuates mouse detrusor contractility: Evidence for the involvement of calcium-related mechanisms.**
Barut E. N., Engin S., Dağlar G., Erac Y., Sari S., Kadioglu M.
European journal of pharmacology, vol.993, pp.177377, 2025 (SCI-Expanded)
- III. **Evaluation of the Antihyperglycemic efficacy of the roots of *Ferula orientalis* L.: An *in vitro* to *in vivo* assessment**
Yazici N., Engin S., Barut E. N., Kuran F. K., Hasbal-Celikok G., Yilmaz-Ozden T., Miski M.
FITOTERAPIA, vol.179, 2024 (SCI-Expanded)
- IV. **Niclosamide attenuates erectile dysfunction and corporal fibrosis via reversal of Smad signaling in diabetic rat model**
Engin S., Barut E. N., Kaya Yaşar Y., Işık S., Kerimoğlu G., Burnett A. L., Sezen S. F.
JOURNAL OF SEXUAL MEDICINE, vol.21, no.12, pp.1111-1119, 2024 (SCI-Expanded)
- V. **Fosaprepitant improves cyclophosphamide-induced bladder damage by alleviating inflammatory response in mice.**
Aksel Y. Y., Barut E. N., Engin S.
Toxicology and applied pharmacology, vol.492, pp.117120, 2024 (SCI-Expanded)
- VI. **The synthesis and therapeutic effect of silicon(IV) phthalocyanines for colorectal cancer cells in photodynamic therapy by altering Wnt/13-catenin and apoptotic signaling**
BARUT B., BARUT E. N., YALÇIN C. Ö., Ali Y. A., AKKAYA D., SEYHAN G., ENGİN S., BIYIKLIOĞLU Z.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.453, 2024 (SCI-Expanded)
- VII. **Riluzole, a neuroprotective agent, preserves erectile function following bilateral cavernous nerve injury in male rats**
Barut E. N., Engin S., Yasar Y. K., Sezen S. F.
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.36, no.3, pp.275-282, 2024 (SCI-Expanded)
- VIII. **The contribution of the WNT pathway to the therapeutic effects of montelukast in experimental murine airway inflammation induced by ovalbumin and lipopolysaccharide**
Kaya-Yasar Y., Engin S., Barut E. N., Inan C., Saygin İ., Erkoseoglu İ., Sezen S. F.
DRUG DEVELOPMENT RESEARCH, vol.85, no.2, 2024 (SCI-Expanded)

- IX. The inhibitory effect of escitalopram on mouse detrusor contractility: The role of L-type calcium channels**
Engin S., Barut E. N., Erac Y., Sari S., Kadioglu M.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.461, 2023 (SCI-Expanded)
- X. Trimetazidine attenuates cyclophosphamide-induced cystitis by inhibiting TLR4-mediated NF Kappa B signaling in mice**
Engin S., Barut E. N., Yaşar Y. K., Soysal A. Ç., Arıcı T., Kerimoğlu G., Kadioğlu M., Sezen S. F.
LIFE SCIENCES, vol.301, 2022 (SCI-Expanded)
- XI. The inhibitory effect of trimetazidine on detrusor contractility - a potential repositioning of trimetazidine for the treatment of overactive bladder.**
Engin S., Kaya Yasar Y., Barut E. N., Getboga D., Erac Y., Sezen S. F.
The Journal of pharmacy and pharmacology, vol.74, no.1, pp.94-102, 2022 (SCI-Expanded)
- XII. Alpha-lipoic acid: A promising adjuvant for nonsteroidal anti-inflammatory drugs therapy with improved efficacy and gastroprotection.**
BARUT E. N., ENGİN S., SAYGIN İ., Kaya-Yasar Y., Arici S., Sezen S. F.
Drug development research, vol.82, no.6, pp.844-851, 2021 (SCI-Expanded)
- XIII. Improved Endothelium-Dependent Relaxation of Thoracic Aorta in Niclosamide-Treated Diabetic Rats.**
Engin S., Yasar Y. K., Barut E. N., Sezen S. F.
Cardiovascular toxicology, vol.21, no.7, pp.563-571, 2021 (SCI-Expanded)
- XIV. Double benefit of metformin treatment: improved bladder function in cyclophosphamide-induced cystitis and enhanced cytotoxicity in cancer cells.**
Engin S., Barut E. N., Soysal A. C., Keskin O., Kerimoğlu G., Duman M., Sezen S.
Naunyn-Schmiedeberg's archives of pharmacology, vol.394, no.6, pp.1167-1175, 2021 (SCI-Expanded)
- XV. Photodynamic therapy effect of morpholinium containing silicon (IV) phthalocyanine on HCT-116 cells.**
YALÇIN C. Ö., Barut B., BARUT E. N., DEMİRBAŞ Ü., DİNÇER T., ENGİN S., ÖZEL A., Sena Sezen F. S.
Photodiagnosis and photodynamic therapy, vol.32, pp.101975, 2020 (SCI-Expanded)
- XVI. NOVEL ARYL/ALKYL AZOLE DERIVATIVES AS AN ANTI-NOCICEPTIVE AND ANTI-INFLAMMATORY DRUG CANDIDATES**
Kaya-Yasar Y., BARUT E. N., ENGİN S., Dogan İ. S., Sezen S. F.
ACTA POLONIAE PHARMACEUTICA, vol.77, no.2, pp.289-294, 2020 (SCI-Expanded)
- XVII. Uroprotective effect of pantoprazole against cyclophosphamide-induced cystitis in mice**
ENGİN S., BARUT E. N., Barut B., Duman M. K., KAYA C., KERİMOĞLU G., ÖZEL A.
SUPPORTIVE CARE IN CANCER, vol.27, no.11, pp.4273-4281, 2019 (SCI-Expanded)
- XVIII. Uroprotective effect of ambroxol in cyclophosphamide-induced cystitis in mice**
BARUT E. N., ENGİN S., Barut B., KAYA C., KERİMOĞLU G., ÖZEL A., Kadioglu M.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.51, no.5, pp.803-810, 2019 (SCI-Expanded)
- XIX. Trimebutine maleate relaxes the isolated rat thoracic aorta: The role of nitric oxide and L-type calcium channels**
Kadioglu M., Yasar Y. K., BARUT E. N., ENGİN S.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.46, no.4, pp.322-328, 2019 (SCI-Expanded)
- XX. Cetirizine-associated bradycardia: A case report**
ENGİN S., AYDIN N. N., Köksal İ.
Dermatologica Sinica, vol.36, no.2, pp.111-112, 2018 (SCI-Expanded)
- XXI. Antioxidant capacity, anti-acetylcholinesterase activity and inhibitory effect on lipid peroxidation in mice brain homogenate of Achillea millefolium**
BARUT E. N., Barut B., ENGİN S., YILDIRIM S., YAŞAR A., Turkis S., ÖZEL A., SEZEN F. S.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.42, no.4, pp.493-502, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Vildagliptin Improves Detrusor Contractility In A Mouse Model Of Cyclophosphamide-induced Overactive Bladder**
Engin S., Barut E. N., İsmailoğlu Karaca M., Yanık M. N.
Journal of Faculty of Pharmacy of Ankara University, vol.49, no.1, pp.53-61, 2025 (Peer-Reviewed Journal)
- II. **Dimethyl Fumarate Improves Detrusor Contractility in Streptozotocin-Induced Diabetic Rats**
Engin S., Kaya Yaşar Y., Barut E. N.
Turkish Journal of Diabetes and Obesity, vol.8, no.3, pp.287-293, 2024 (Peer-Reviewed Journal)
- III. **Effect of Atomoxetine on Mouse Isolated Vas Deferens Contractility**
Engin S., Altınbaş M. K.
THE NEW JOURNAL OF UROLOGY, vol.19, no.3, pp.129-135, 2024 (Peer-Reviewed Journal)
- IV. **Formulation and Evaluation of Triamcinolone Acetonide-Loaded Oral Disintegrated Film with Different Polymers via Solvent Casting Method**
Coban O., ÖZCAN K., ENGİN S., Tatar B., Soylu M.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.21, no.5, pp.440-448, 2024 (ESCI)
- V. **Protective effect of telmisartan against morphine-induced analgesic tolerance in mice**
Barut E. N., Engin S., Kaya Yaşar Y., Gün E., Duman M.
JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.4, pp.1079-1087, 2024 (ESCI)
- VI. **Investigation of the Effects of Oleuropein on Mouse Detrusor Muscle Contractility**
BARUT E. N., Ozturk A. C., ENGİN S., RENDA G.
Fabad Journal of Pharmaceutical Sciences, vol.49, no.1, pp.81-90, 2024 (Scopus)
- VII. **Evaluation of Potential Drug-drug Interactions in the Prescriptions in Outpatient Settings**
ENGİN S., BARUT E., SEZEN F., YARIŞ E.
Turkish Journal of Family Medicine and Primary Care, vol.14, no.4, pp.564-571, 2020 (Peer-Reviewed Journal)
- VIII. **Evaluation of potential drug-drug interactions in hospitalized patients at a tertiary care hospital: A pilot study**
KAYA YAŞAR Y., ENGİN S., BARUT E. N., SEVGİ S., Eroglu G., SEZEN F. S.
Medicine Science International Medical Journal, vol.9, no.2, pp.389, 2020 (Peer-Reviewed Journal)
- IX. **Investigation of the Antioxidant, alpha-Glucosidase Inhibitory, Anti-inflammatory, and DNA Protective Properties of Vaccinium arctostaphylos L.**
Barut B., BARUT E. N., ENGİN S., ÖZEL A., SEZEN F. S.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.16, no.2, pp.175-183, 2019 (ESCI)
- X. **Effect of trimebutine maleate on acetylcholine, potassium chloride and adenosine triphosphate induced contractions of rat detrusor smooth muscle**
ENGİN S., Kiliç M., Gazioğlu E. N., DUMAN M.
Fabad Journal of Pharmaceutical Sciences, vol.38, no.2, pp.65-71, 2013 (Scopus)

Books

- I. **Cyclophosphamide-Induced Hemorrhagic Cystitis: An Updated Review**
Engin S., Barut E. N.
in: Advances in Health and Disease, Lowell T. Duncan, Editor, NOVA Science Publishers Inc. , New York, pp.141-163, 2023
- II. **Drug-related cystitis: An overview**
Engin S.
in: CYSTITIS - UPDATES AND CHALLENGES, Ph.D. Giovanni Palleschi, Editor, IntechOpen, London, pp.1-17, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Topiramate on Mouse Detrusor Contractility**
Engin S., Ağlaç G.
7th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2024), Ankara, Turkey, 2 - 04 October 2024, pp.76
- II. **In Vitro Photodynamic Therapy Effects of Silicon (Iv) Phthalocyanine on Colorectal Cancer Cells**
Akkaya D., Barut B., Barut E. N., Engin S., Yalçın C. Ö.
4th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024
- III. **Dimethyl fumarate improves erectile function in streptozotocin-induced diabetic rats by attenuating oxidative stress via the activation of Nrf2 antioxidant pathway**
Engin S., Barut E. N., Kaya Yaşar Y., Ay İ., Sezen F. S.
9th European Pharmacology Congress, Athens, Greece, 23 - 26 June 2024, pp.19
- IV. **Repositioning of trimetazidine: Effects in an in vitro model of psoriasis**
Demirçi B., Gün E., Demir Öksüz Z., Sevgi S., Kaya Yaşar Y., Engin S., Dinçer T.
9th International BAU Drug Design Congress, İstanbul, Turkey, 29 November - 02 December 2023
- V. **Evaluation Potential Antihyperglycemic Effects Of Ferula Mervynii And Ferula Orientalis Root Extracts**
Engin S., Barut E. N.
The 9th International Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-9), Ankara, Turkey, 3 - 05 May 2023, pp.61
- VI. **The Effect of Trimebutine Maleate on the Contractility of Mouse Isolated Prostatic Vas Deferens**
Engin S., Barut E. N.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.179
- VII. **Investigation of Novel Anesthetic Compounds in Fish**
Akbulut B., Engin S., Saltan A. N., Renda G., Aygür E., Kaya Yaşar Y., Küçük E., Sezen F. S.
International Symposium on Fisheries and Aquatic Sciences (SOFAS), Trabzon, Turkey, 25 - 27 October 2022, pp.14-15
- VIII. **Tocolitic effect of senecio trapezuntinus boiss extract**
Kaya Yaşar Y., Engin S., Barut E. N., Gün E., Renda G., Sezen F. S.
26. Ulusal ve 1. Uluslararası Farmakoloji Kongresi, 4 - 06 November 2021, pp.455-456
- IX. **Tchihatchewia isatidea ekstresinin in vitro ve in vivo anti-inflamatuvar etkileri**
Gün E., Sevgi S., Engin S., Barut E. N., Barut B., Serdaroğlu V., Özel A., Kaya Yaşar Y., Renda G.
26. Ulusal ve 1. Uluslararası Farmakoloji Kongresi, 4 - 06 November 2021, pp.252
- X. **Trimetazidine attenuates cyclophosphamide-induced cystitis in mice by inhibiting TLR4/NFκB signaling pathway**
ENGİN S., BARUT E. N., KAYA YAŞAR Y., KERİMOĞLU G., DUMAN M., SEZEN F. S.
3rd International Gazi Pharma Symposium Series, Turkey, 8 - 10 September 2021, pp.68-69
- XI. **Covid-19 Tedavisinde İlaçta Yeniden Konumlandırma: Çeşitli İlaçların Proteaz İnhibitörü Aktivitelerinin in vitro Araştırılması**
Engin S., Barut E. N., Kaya Yaşar Y., Özel A., Sezen F. S.
Uluslararası Sağlık Araştırmaları Kongresi (ICOHER'21), Balıkesir, Turkey, 25 - 28 August 2021, pp.222-232
- XII. **Role of toll- like receptor2 signaling in rat model of cavernous nerve injury-induced erectile dysfunction**
Barut E. N., Engin S., Kaya Yaşar Y., Sezen F. S.
13th International Symposium on Pharmaceutical Sciences (ISOPS), 22 - 25 June 2021, pp.71
- XIII. **A potential repositioning of Trimetazidine for the treatment of bladder dysfunction: effects on mouse detrusor contractility and cytoprotection**
ENGİN S., KAYA YAŞAR Y., BARUT E. N., DUMAN M., KERİMOĞLU G., SEZEN F. S.
4th WG meeting, MuTaLig COST Action, İzmir, Türkiye, 5 - 06 March 2020

- XIV. **WNT/ β -catenin signaling: a new player in diabetic erectile dysfunction?**
Engin S., Barut E. N., Kaya Yaşar Y., Sezen F. S.
4th WG meeting, MuTaLig COST Action, İzmir, Turkey, 5 - 06 March 2020, pp.57
- XV. **Role of TLR2/TLR4 signaling on cavernous nerve injury- induced erectile dysfunction**
Barut E. N., Engin S., Kaya Yaşar Y., Sezen F. S.
4th WG meeting, MuTaLig COST Action, İzmir, Turkey, 5 - 06 March 2020, pp.58
- XVI. **Niklozamid Tedavisinin Diyabetik Sıçan Torasik Aortasında Endotel Aracılı Gevşeme Yanıtı Üzerine Etkisi**
Engin S., Kaya Yaşar Y., Barut E. N., Sezen F. S.
25. Ulusal Farmakoloji Kongresi, Aydın, Turkey, 3 - 07 November 2019, pp.188
- XVII. **Trimetazidin'in izole fare mesane detrusör düz kas kontraktilitesine etkisi**
Engin S., Kaya Yaşar Y., Barut E. N., Sezen F. S.
25. Ulusal Farmakoloji Kongresi, Aydın, Turkey, 3 - 07 November 2019, pp.258
- XVIII. **Therapeutic effect of riluzole on cavernous nerve injury-induced erectile dysfunction**
Barut E. N., Engin S., Kaya Yaşar Y., Sezen F. S.
FENS Regional Meeting, Belgrade, Serbia, 10 July 2019
- XIX. **Effects of piracetam on the development of morphine-induced antinociceptive tolerance and dependence in mice.**
ENGİN S., BARUT E. N., KAYA YAŞAR Y., DUMAN M., SEZEN F. S.
FENS Regional Meeting, Serbia, 10 July 2019
- XX. **Evaluation Of Potential Drug-Drug Interactions In Hospitalized Patients at a Tertiary Care Hospital: a Pilot Study**
KAYA YAŞAR Y., ENGİN S., BARUT E. N., SEVGİ S., EROĞLU G., SEZEN F. S.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019
- XXI. **EVALUATION OF POTENTIAL DRUG-DRUG INTERACTIONS AMONG PRESCRIPTIONS OF OUTPATIENTS FROM TRABZON, TURKEY**
ENGİN S., BARUT E. N., EROĞLU G., YARIŞ E., SEZEN F. S.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.200
- XXII. **"Ağrı ve inflamasyon tedavisinde ilaç adayı yeni moleküller: Aril/alkil Azol türevleri"**
KAYA YAŞAR Y., ENGİN S., BARUT E. N., BARUT B., DOĞAN İ. S., ÖZEL A., SEZEN F. S.
KTÜ-TTO 2018 Düşünden Gerçeğine Proje Pazarı, Turkey, 6 - 08 June 2018
- XXIII. **Aile Sağlığı Merkezlerinde yapılan farmasötik bakım rotasyonlarının eczacılık eğitime kazandırdıkları: KTÜ Eczacılık Fakültesi deneyimi**
EROĞLU G., SEVGİ S., ENGİN S., BARUT E. N., KAYA YAŞAR Y., YARIŞ E., SEZEN F. S.
2.Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018, pp.26
- XXIV. **Klinik servislerde yapılan farmasötik bakım uygulamalarının değerlendirilmesi: Karadeniz Teknik Üniversitesi Eczacılık Fakültesi deneyimi**
SEVGİ S., EROĞLU G., ENGİN S., BARUT E. N., KAYA YAŞAR Y., YARIŞ E., SEZEN F. S.
2. Ulusal Eczacılık Eğitimi Akreditasyon Kongresi, Turkey, 10 - 11 May 2018, pp.25
- XXV. **Farelerde Siklofosamid ile Oluşturulan Hemorajik Sistit Modelinde Pantoprazol ün Koruyucu Etkisi**
ENGİN S., BARUT E. N., KERİMOĞLU G., DUMAN M., SEZEN F. S.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017, pp.121
- XXVI. **İzole Sıçan Torasik Aortasında Konsantrasyon-Bağımlı Trimebutin Maleat Gevşemesinin Mekanizmasının İncelenmesi**
KAYA YAŞAR Y., BARUT E. N., ENGİN S., DUMAN M., SEZEN F. S.
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017, pp.113
- XXVII. **Evaluation of Analgesic and Anti-inflammatory Activities of a Novel Arylalkyl Azole Compound in Mice.**
ENGİN S., BARUT E. N., KAYA YAŞAR Y., DOĞAN İ. S., SEZEN F. S.
International Multidisciplinary Symposium on Drug Research and Development (DRD2017), Erzurum, Turkey, 5 -

07 October 2017, pp.10

- XXVIII. **Investigation of the Effects of Alchemilla barbatiflora Methanol Extract on Isolated Rat Detrusor Muscle**
BARUT E. N., ENGİN S., DEMİRTAŞ H., RENDA G., SEZEN F. S.
3rd International Multidisciplinary Symposium on Drug Research and Development -DRD 2017, Erzurum, Turkey, 5 - 07 October 2017, pp.150
- XXIX. **Antioxidant, Anti-Inflammatory and DNA-Damage Protection Activities of Vaccinium Arctostaphylos Fruit Extracts**
BARUT E. N., ENGİN S., BARUT B., ÖZEL A., SEZEN F. S.
International Biochemistry Congress-28.Ulusal Biyokimya Kongresi, 19 - 23 September 2017
- XXX. **Cyclophosphamide-Induced Hemorrhagic Cystitis: An Overview of Recent Animal Studies Investigating Mechanism of Action**
BARUT E. N., ENGİN S., SEZEN F. S.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.735
- XXXI. **Trabzon İli Aile Sağlığı Merkezlerine Başvuran Geriatrik Hasta Grubuna Ait Reçetelerin Olası İlaç-İlaç Etkileşimleri Açısından Değerlendirilmesi**
BARUT E. N., ENGİN S., YARIŞ E., SEZEN F. S.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017, pp.450
- XXXII. **Trabzon İl Merkezinde Ayaktan Tedavi Gören Hasta Reçetelerinin Olası İlaç-İlaç Etkileşimleri Açısından Değerlendirilmesi**
ENGİN S., BARUT E. N., YARIŞ E., SEZEN F. S.
3. ULUSAL KLİNİK ECZACILIK VE FARMASÖTİK BAKIM KONGRESİ, Turkey, 9 - 12 February 2017, pp.81
- XXXIII. **KRONİK HASTALIKLARA VE İLAÇ KULLANIMINA BAĞLI EREKTİL DİSFONKSİYON**
ENGİN S., BARUT E. N., KAYA YAŞAR Y., SEVGİ S., SEZEN F. S.
3.KLİNİK ECZACILIK VE FARMASÖTİK BAKIM KONGRESİ, Antalya, Turkey, 9 - 12 February 2017, pp.47
- XXXIV. **In vitro antioxidant and anti-acetylcholinesterase activity of Achillea millefolium**
Gazıoğlu E. N., Barut B., Engin S., Ozel A., Sezen S. F.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.268-269
- XXXV. **Ambroxol improves cyclophosphamide-induced oxidative damage and contractility in mice urinary bladder**
BARUT E. N., ENGİN S., BARUT B., ABUDAYYAK M., DUMAN M., ÖZEL A.
7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.349
- XXXVI. **Effect of Trimebutine Maleate on Acetylcholine, KCl and ATP-Induced Contractions of Detrusor Smooth Muscle**
ENGİN S., KILIÇ M., GAZİOĞLU E. N., DUMAN M.
International Gazi Pharma Symposium, Antalya, Turkey, 12 - 15 November 2015, pp.145
- XXXVII. **Eczacılık Fakültesi Lisans Eğitiminde Farmasötik Bakım Dersi Uygulaması: Aile Sağlığı Merkezlerinde Klinik Rotasyon**
SEVGİ S., GAZİOĞLU E. N., ENGİN S., YARIŞ E., SEZEN F. S.
23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.271
- XXXVIII. **Effects of Trimebutine Maleate on Isolated Rat Detrusor Muscle Contractility**
ENGİN S., SAĞLAM M., GAZİOĞLU E. N., DUMAN M.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.193-194
- XXXIX. **Effects of Trimebutine Maleate on Vascular Smooth Muscle of The Isolated Rat Thoracic Aorta**
GAZİOĞLU E. N., SAĞLAM M., ENGİN S., DUMAN M.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.186-187

Supported Projects

- ENGİN S., DEMİR R., Project Supported by Higher Education Institutions, Diyabetik sıçan penis dokularında protein lizin asetilasyonu düzeyinin araştırılması, 2024 - Continues
- YARIŞ E., ERKÖSEOĞLU İ., DUMAN M., BARUT E. N., ENGİN S., KONAK İ., DEMİRCİ B., Project Supported by Higher Education Institutions, Farelerde siklofosamid ile oluşturulan deneysel sistit modelinde sitagliptinin üroprotektif etkisinin ve olası mekanizmaların araştırılması, 2024 - Continues
- KAYA YAŞAR Y., BARUT E. N., ERKÖSEOĞLU İ., SAYGIN İ., ENGİN S., İNAN C., SEZEN F. S., TUBITAK Project, Lökotrien reseptör antagonisti montelukastın farelerde indüklenen solunum yolu inflamasyonu üzerine etkilerinde WNT/ β -katenin sinyal yolunun rolünün incelenmesi, 2021 - Continues
- SEZEN F. S., YALÇIN C. Ö., KAYA YAŞAR Y., ENGİN S., REİS R., EROĞLU G., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Tarım İlaçlarında GLP standartlarında toksisite araştırılması, 2019 - Continues
- Engin S., Gün E., Kaya Yaşar Y., Saygın İ., Ay İ., Erdoğan Kablan S., TUBITAK Project, Farede OVA-LPS İle İndüklenen Alerjik Astım Modelinde Dimetil Fumaratın Terapötik Etkinliğinin Araştırılması, 2024 - 2025
- ENGİN S., SEZEN F. S., KAYA YAŞAR Y., BARUT E. N., AY İ., Project Supported by Higher Education Institutions, Dimetil fumaratın diyabetik erektil disfonksiyonda koruyucu etkisinin araştırılması, 2022 - 2025
- Çoban Ö., Sezen F. S., Kılıç A. O., Dinçer T., Engin S., Yıldırım S., TUBITAK Project, Hedefe Özgü Pan-Kanser Terapiler (PANTER), 2021 - 2025
- Engin S., Altınbaş M. K., TUBITAK Project, Investigation of the Effect of Atomoxetine on Mouse Vas Deferens Contractility, 2023 - 2024
- Engin S., Ağlaç G., TUBITAK Project, Investigation of the effect of topiramate on bladder detrusor smooth muscle contractility, 2023 - 2024
- BARUT E. N., ENGİN S., AKSEL Y. Y., Project Supported by Higher Education Institutions, Farelerde siklofosamidle oluşturulan deneysel sistit modelinde fosaprepitantın terapötik etkisinin ve olası mekanizmalarının incelenmesi, 2023 - 2024
- BARUT B., ALTUN Y., BIYIKLIOĞLU Z., ÖZEL A., YALÇIN C. Ö., BARUT E. N., ENGİN S., AKKAYA D., Project Supported by Higher Education Institutions, Silisyum Ftalosiyanın Bileşiklerinin Kolorektal Kanser Hücre Hattına Karşı Fotodinamik Terapi Etkilerinin ve Wnt Yolağı ile İlişkisinin Araştırılması, 2022 - 2024
- SEZEN F. S., RENDA G., KAYA YAŞAR Y., ENGİN S., SERDAROĞLU V., KALHA Z., GÜN E., Project Supported by Higher Education Institutions, Balık Yetiştiriciliği ve Araştırmalarında Kullanılabilecek Alternatif Anestezik Maddelerin Geliştirilmesi, 2021 - 2024
- SEZEN F. S., KAYA YAŞAR Y., ENGİN S., BARUT E. N., SEVGİ S., ÖZEL A., DİNÇER T., GÜL KILINÇ G., Project Supported by Higher Education Institutions, Viral protein ile indüklenen akciğer enflamasyonuna etkili ilaçların in vitro araştırılması, 2020 - 2024
- Engin S., Alkan E., TUBITAK Project, Investigation of the expression of wnt/ β -catenin pathway proteins in bladder tissue in cyclophosphamide-induced acute and chronic cystitis models in mice., 2022 - 2023
- ENGİN S., BARUT E. N., YAZICI BEKTAŞ N., Project Supported by Higher Education Institutions, Ferula mervynii ve Ferula orientalis kök ekstraktlarının in vivo antidiyabetik etkilerinin araştırılması, 2022 - 2023
- BARUT E. N., KAYA YAŞAR Y., ENGİN S., GÜN E., DUMAN M., Project Supported by Higher Education Institutions, Farelerde gemfibrozil ve telmisartanın morfin toleransı üzerindeki olası terapötik etkileri ve mekanizmalarının incelenmesi, 2021 - 2023
- SEZEN F. S., GÜL KILINÇ G., KAYA YAŞAR Y., ENGİN S., SEVGİ S., GÜN E., Project Supported by Higher Education Institutions, Tarım İlaçlarında GLP Standartlarında Toksikite Araştırılması, 2019 - 2023
- ENGİN S., GÜN E., BARUT E. N., Project Supported by Higher Education Institutions, Farelerde siklofosamidle indüklenen hemorajik sistit modelinde Trimetazidin dihidroklorürün protektif etkilerinin araştırılması, 2021 - 2021
- ENGİN S., BARUT E. N., ÖZEL A., SEZEN F. S., KAYA YAŞAR Y., Project Supported by Higher Education Institutions, Kovid19 tedavisinde kullanılabilecek ilaçların in vitro proteaz enzim inhibitör etkilerinin araştırılması, 2020 - 2021
- SEZEN F. S., KAYA YAŞAR Y., BARUT E. N., ENGİN S., Project Supported by Higher Education Institutions, Kavernoöz Sinir Hasarıyla İndüklenen Erektile Disfonksiyonda Riluzolün Nöroprotektif Etkisinin İncelenmesi, 2018 - 2020
- SEZEN F. S., ENGİN S., BARUT E. N., SEVGİ S., KAYA YAŞAR Y., Project Supported by Higher Education Institutions, Wnt/ β -katenin sinyal yolağı inhibitörü Niklozamidin diyabetik erektil disfonksiyonda koruyucu etkisinin araştırılması,

2018 - 2020

DUMAN M., KAYA C., KERİMOĞLU G., ÖZEL A., BARUT E. N., ENGİN S., BARUT B., Project Supported by Higher Education Institutions, Pantoprazol ve Ambroksolün farelerde siklofosfamidle indüklenen hemorajik sistit üzerindeki protektif etkisinin araştırılması, 2018 - 2018

KAYA YAŞAR Y., SEZEN F. S., DOĞAN İ. S., BARUT E. N., ENGİN S., SEVGİ S., Project Supported by Higher Education Institutions, 1-(4-klorofenil)-2-(1H-imidazol-1-il)etil 2-propilpentanoat hidroklorür'ün analjezik ve antiinflamatuvar etki mekanizmasının araştırılması, 2018 - 2018

DUMAN M., SAĞLAM M., GAZİOĞLU E. N., KALYONCU N. İ., KESİM S. M., ENGİN S., YARIŞ E., Project Supported by Higher Education Institutions, Trimebutin maleatın sıçan detrusor kası kontraktilesi üzerine etkisi, 2016 - 2018

Activities in Scientific Journals

Advances in Pharmacology & Clinical Trials, Committee Member, 2023 - Continues

Journal of Modern Pharmacology and Pathology, Committee Member, 2022 - Continues

Advances in Pharmaceutical Sciences , Committee Member, 2021 - Continues

Committee Member, 2021 - 2023

Memberships / Tasks in Scientific Organizations

Eczacılık Mesleki Eğitim ve Gelişim Birimi (EMEG) Web ve e-bülten komisyonu, Member, 2014 - Continues

Trabzon Eczacı Odası, Member, 2014 - Continues

Klinik Eczacılık Derneği, Member, 2013 - Continues

Türk Farmakoloji Derneği, Member, 2013 - Continues

Staj Komisyonu, Member, 2015 - 2017

Scientific Refereeing

Case Reports in Dermatology, Journal Indexed in SCI-E, March 2025

SEXUAL MEDICINE, Journal Indexed in SCI-E, March 2025

TURKISH JOURNAL OF BIOCHEMISTRY, Journal Indexed in SCI-E, February 2025

Hacettepe University Journal of the Faculty of Pharmacy, National Scientific Refreed Journal, January 2025

NAUNYN-SCHMIEDEBERG'S ARCHIVES OF PHARMACOLOGY, Journal Indexed in SCI-E, January 2025

DRUG DESIGN, DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, January 2025

FRONTIERS IN ENDOCRINOLOGY, SCI Journal, January 2025

BMC PHARMACOLOGY & TOXICOLOGY, Journal Indexed in SCI-E, January 2025

Biomarker Research, SCI Journal, December 2024

DRUG DESIGN, DEVELOPMENT AND THERAPY, SCI Journal, December 2024

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INTERNATIONAL JOURNAL OF WOMEN'S HEALTH, Journal Indexed in SCI-E, November 2024

JOURNAL OF INFLAMMATION RESEARCH, Journal Indexed in SCI-E, November 2024

DRUG DESIGN, DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, October 2024

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IMMUNOTHERAPY, Journal Indexed in SCI-E, July 2024

JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, May 2024

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DRUG DESIGN, DEVELOPMENT AND THERAPY, SCI Journal, April 2024
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, Journal Indexed in ESCI, February 2024
CURRENT DIABETES REVIEWS, Journal Indexed in ESCI, January 2024
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, December 2023
NAUNYN-SCHMIEDEBERG'S ARCHIVES OF PHARMACOLOGY, Journal Indexed in SCI-E, December 2023
MEDICAL DEVICES: EVIDENCE AND RESEARCH, Journal Indexed in SCI-E, November 2023
TURKISH JOURNAL OF BIOCHEMISTRY, Journal Indexed in SCI-E, November 2023
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, September 2023
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, September 2023
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2023
JOURNAL OF MULTIDISCIPLINARY HEALTHCARE, SCI Journal, August 2023
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, August 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, July 2023
DRUG DESIGN, DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, June 2023
JOURNAL OF KING SAUD UNIVERSITY - SCIENCE, SCI Journal, June 2023
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, Journal Indexed in SCI-E, June 2023
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, June 2023
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, May 2023
Research and Reports in Urology, Journal Indexed in SCI-E, April 2023
INTERNATIONAL JOURNAL OF GENERAL MEDICINE, Journal Indexed in SCI-E, March 2023
DRUG DESIGN, DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, February 2023
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, February 2023
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, Journal Indexed in ESCI, January 2023
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, January 2023
EXPERIMENTAL BIOLOGY AND MEDICINE, SCI Journal, January 2023
JOURNAL OF APPLIED PHARMACEUTICAL SCIENCE, Other Indexed Journal, January 2023
JOURNAL OF PHARMACY PRACTICE, Journal Indexed in ESCI, October 2022
Journal of Faculty of Pharmacy of Ankara University, National Scientific Refreed Journal, September 2022
Journal of Nutritional Health & Food Science, Other Indexed Journal, September 2022
Turkish Journal of pharmaceutical sciences, Journal Indexed in ESCI, July 2022
Sağlık Bilimlerinde İleri Araştırmalar Dergisi , National Scientific Refreed Journal, July 2022
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, SCI Journal, June 2022
Journal of Pharmacy Practice, Journal Indexed in ESCI, June 2022
Turkish Journal of Pharmaceutical Sciences , Journal Indexed in ESCI, May 2022
Turkish Journal of Pharmaceutical Sciences , Journal Indexed in ESCI, May 2022
Journal of Pharmacy Practice, Journal Indexed in ESCI, April 2022
JOURNAL OF PAIN RESEARCH, Journal Indexed in SCI-E, April 2022
Turkish Journal of Pharmaceutical Sciences , Journal Indexed in ESCI, April 2022
ONCOTARGETS AND THERAPY, Journal Indexed in SCI-E, April 2022
Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, March 2022
Journal of Pharmacy Practice , Journal Indexed in ESCI, March 2022
JOURNAL OF INFLAMMATION RESEARCH, Journal Indexed in SCI-E, September 2021
Turkish Journal of Pharmaceutical sciences, Journal Indexed in ESCI, August 2021
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, Journal Indexed in SCI-E, July 2021
Journal of Pharmacy Practice, Journal Indexed in ESCI, July 2021
DRUG DESIGN DEVELOPMENT AND THERAPY, Journal Indexed in SCI-E, July 2021
Turkish Journal of pharmaceutical sciences, Journal Indexed in ESCI, June 2021
Turkish Journal of pharmaceutical sciences , Journal Indexed in ESCI, November 2020
Journal of Pharmacy Practice, Journal Indexed in ESCI, October 2020
Turkish Journal of Pharmaceutical Sciences, Journal Indexed in ESCI, August 2020
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INTERNATIONAL JOURNAL OF FOOD PROPERTIES, Journal Indexed in SCI-E, July 2020

Acta Scientiarum Polonorum Technologia Alimentaria, Journal Indexed in ESCI, June 2020

Metrics

Publication: 74

Citation (WoS): 141

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H-Index (Scopus): 7

Congress and Symposium Activities

3rd International Multidisciplinary Symposium on Drug Research and Development -DRD 2017, Attendee, Erzurum, Turkey, 2017

Temel Klinik Araştırma Eğitimi, Attendee, Yozgat, Turkey, 2017

26.Prof.Dr.Alaeddin Akcasu Farmakoloji Eğitiminde Kuşaklararası Bilimsel Etkileşme Seminerleri, Attendee, Ankara, Turkey, 2017

3.ULUSAL KLİNİK ECZACILIK FARMASÖTİK BAKIM KONGRESİ, Attendee, Antalya, Turkey, 2017

7th European Congress of Pharmacology, Attendee, İstanbul, Turkey, 2016

25.Prof.Dr.Alaeddin Akcasu Farmakoloji eğitiminde kuşaklararası bilimsel etkileşme semineri, Sunu Duru Toplantısı, Attendee, Bursa, Turkey, 2016

11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Attendee, ANKARA, Turkey, 2015

24.Prof.Dr.Alaeddin Akcasu Farmakoloji eğitiminde kuşaklararası bilimsel etkileşme semineri, Prof.Dr.Tayfun Berkan toplantısı, Attendee, Erciyes-KAYSERİ, Turkey, 2015

23.Prof.Dr.Alaeddin Akcasu Farmakoloji eğitiminde kuşaklararası bilimsel etkileşme semineri, Prof.Dr.S.Oğuz Kayaalp toplantısı, Attendee, Palandöken-ERZURUM, Turkey, 2014

Scholarships

2211-A Yurt içi Genel Doktora Bursu, TUBITAK, 2014 - 2018

Cajal Enstitüsü, İspanya Erasmus Staj Hareketliliği, Other International Organizations, 2015 - 2015

Awards

ENGİN S., Gazi Eczacılık Fakültesi 2008-2013 Dönem Birinciliği, Gazi Üniversitesi, July 2013