

AHMET ALPER ÖZTÜRK

ASSOC. PROF.

Email : aaozturk@anadolu.edu.tr

Office Phone : [+90 222 335 0580](tel:+902223350580) Extension: 3731

Address : Anadolu Üniversitesi, Yunus emre Kampüsü,
Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Farmasötik
Teknoloji Abd, Kat: 1, Tepebaşı /Eskişehir

International Researcher IDs

ScholarID: G1Fl8poAAAAJ

ORCID: 0000-0001-9596-0538

Publons / Web Of Science ResearcherID: K-2575-2019

ScopusID: 57197223304

Yoksis Researcher ID: 220646

Education

Doctorate
2013 - 2017

Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr),
Turkey

Undergraduate
2008 - 2013

Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Health&Medicine, 9th European Congress of Pharmacology (EPHAR2024), The Federation of European Pharmacological Societies, 2024

Health&Medicine, 9th International BAU Drug Design Congress, BAU, 2023

Health&Medicine, EUFEPS Annual Meeting (EUFEPS'23), European Federation for Pharmaceutical Sciences (EUFEPS), Portugal, 2023

Education Management and Planning, ORPHEUS Bilgilendirme Çalıştayı, Anadolu Üniversitesi Sağlık Bilimleri Enstitüsü, 2022

Health&Medicine, Second International Congress on Biological and Health Sciences, ICBH, 2022

Health&Medicine, 8th International Medicine and Health Sciences Researchers Congress, Utsak Congress, 2021

Health&Medicine, International Postgraduate Radiopharmacy Meeting, Ege University, 2021

Health&Medicine, Form Follows Function: Working With, Not Against, Your Biosafety Cabinet, SelectScience Ltd. Company, 2021

Health&Medicine, The benefits of adopting cloud-based solutions, SelectScience Ltd. Company, 2021

Health&Medicine, Quantifying T cell exhaustion: An insight into BiTE antibodies and CAR-T cells for improved therapeutic, SelectScience Ltd. Company, 2021

Health&Medicine, Large molecules get SLIM: High-Resolution Ion Mobility for simplifying complex large molecule characterization, SelectScience Ltd. Company, 2021

Health&Medicine, The EU GMP Annex 1 Revision (Draft 2020) and its impact on Microbial Air Monitoring, SelectScience Ltd. Company, 2021

Health&Medicine, Multimodal Analysis of Anticancer Drug Testing In Tumor-Specific 3D Cell Culture Models, SelectScience Ltd. Company, 2021

Health&Medicine, Introduction to Cosmetic Preservation - Regulation and New Developments, TKS, 2021

Health&Medicine, International Congress on Biological and Health Sciences, ICBH, 2021

Health&Medicine, Eczacılıkta Klinik Probiyotik Yönetimi, BEKAKADEMİ, 2021

Project Management, Startup Değerlendirme ve Destekleme Süreçleri Bilgilendirme Toplantısı, ARİNKOM TTO & Eskişehir Genç Girişimciler Kurulu, 2020

Health&Medicine, Tıbbi Cihazların Seçimi ve Kullanımında Dikkat Edilmesi Gereken Konular, BEKAKADEMİ, 2020

Health&Medicine, COVID-19 Türkiye Platformu Aşı ve İlaç Sanal Konferansı, TÜBİTAK, 2020

Health&Medicine, Diyabette Doğru Şeker Ölçümü ve İnsülin Uygulama Teknikleri, BEKAKADEMİ, 2020

Health&Medicine, Uçucu Yağların Antiviral Etkinliği, EnaFarma, 2020

Health&Medicine, Sağlık İletişimi ve Sağlık Okuryazarlığı, Türk Eczacılar Birliği, 2020

Health&Medicine, Pandemi Döneminde Besin Desteklerinin Yeri ve Önemi, BEKAKADEMİ, 2020

Project Management, TÜBİTAK 1002 Programı ve BAP Lisansüstü Programlar Bilgilendirme Toplantısı, ARİNKOM TTO, 2020

Health&Medicine, Reçete Bazlı OTC Önerileri, BEKAKADEMİ, 2020

Health&Medicine, Yaşam Boyu Mikrobiyota ve Probiyotikler, BEKAKADEMİ, 2020

Health&Medicine, Her Yönü ile Collagen, BEKAKADEMİ, 2020

Health&Medicine, Oral Mikrobiyotanın Dengesi ve Oral Probiyotığın Önemi, EnaFarma, 2020

Health&Medicine, Tıbbi Cihaz Laboratuvar Test ve Analiz Süreçlerine Yönelik Eğitim Semineri Programı , Türkiye İlaç ve Tıbbi Cihaz Kurumu (TİTCK), 2020

Health&Medicine, Training and Capacity Building for Enlargement and Integration Countries Open access to JRC Research Infrastructures. 1. What JRC can do for young researchers and what young researchers can do for their country. 2. Training and Capacity building at JRC research infrastructures. 3. Consumer products safety: presentation of activities and training week. 4. Session on interfacing science with policy-making. 5. What is nanomaterials? 6. EU legislation and nanomaterials. 7. Safety assessment of nanomaterials under REACH. 8. Standardisation and harmonisation (Standards, guidelines, reference materials and JRC repository). 9. Nanomedicines: EU regulatory experience, challenges and regulatory research work. 10. Characterization of nanomedicine products. 11. Size distribution of nanomaterials. 12. Nanomaterials'xx characterization and bio-interaction by transmission electron microscopy. 13. Bioaccumulation of metal nanomaterials: strategies to address an unsolved issue. 14. Centrifugal liquid sedimentation (CLS) as particle sizing technique and Virtual demonstration of CLS. 15. Analytical ultracentrifugation (AUC) in size measurement of nanomaterials and Virtual demonstration of AUC. 16. Particle size analysis by dynamic light scattering (DLS) and Virtual demonstration of DLS. 17. An introduction to single particle inductively coupled plasma mass spectrometry (spICP-MS) and Virtual demonstration of spICP-MS. 18. Introduction to Asymmetric field flow fractionation (AF4) measurement and Virtual demonstration of AF4. 19. Dark field (DF) microscopy for nanomaterials hydrophobicity characterization and Virtual demonstration of DF microscopy 20. Tunable resistive pulse sensing (TRPS) and Virtual demonstration of TRPS, JRC Nanobiotechnology Laboratory, 2020

Health&Medicine, 2nd Middle East Pharmacy and Pharmaceutical Conference, Conference Series and the Editors of Journal of Clinical Pharmacology & Biopharmaceutics, Journal of Pharmaceutical Regulatory Affairs, 2019

Health&Medicine, 2019 International Conference on Materials and Nanomaterials (MNs-19), Sciknowledge & Université Paris 8, 2019

Health&Medicine, 12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara University Faculty of Pharmacy, 2018

Health&Medicine, EUFEPS Annual Meeting 2018 & Crossing Barriers Future Medicines, European Federation for

Pharmaceutical Sciences (EUFEPS) & University of Athens Faculty of Pharmacy, 2018
Health&Medicine, COLE PARMER Single-Syringe Infusion Pump Cihazı Eğitimi, HCLAB, 2018
Health&Medicine, N-BIOTEK NB 303 (Orbital Çalkalamalı Su Banyosu) Cihazı Eğitimi, HCLAB, 2018
Health&Medicine, EBRO TFX 410 Termometre Cihazı Eğitimi, HCLAB, 2017
Health&Medicine, Eppendorf Research Plus Eğitimi, HCLAB, 2017
Health&Medicine, 2nd Gazi Pharma Symposium (GPSS), Gazi University Faculty of Pharmacy, 2017
Health&Medicine, SCIOLOGEX SK-L330-Pro (Dijital Linear Çalkalayıcı) Cihazı Eğitimi, HCLAB, 2017
Health&Medicine, OHAUS ST 3100 F (pH metre) Cihazı Eğitimi, HCLAB, 2017
Health&Medicine, 2nd Annual Inhalation & Respiratory Drug Delivery Congress, Oxford Global, UK, 2017
Health&Medicine, 3rd Annual Formulation & Drug Delivery Congress, Oxford Global, UK, 2017
Health&Medicine, Tüketiciyi Yanıltıcı Reklam/Pazarlama ve Satışlarla Etkin Mücadele Çalıştayı, Türkiye İlaç ve Tıbbi Cihaz Kurumu (TİTCK), 2017
Health&Medicine, Mettler Toledo/ MS105DU Yarı Mikro Teraziler Eğitimi, Anter Teknik Cihazlar, 2016
Health&Medicine, Advanced Instruments/3250 Ozmometre Cihazı Eğitimi, Anter Teknik Cihazlar, 2016
Health&Medicine, Deney Hayvanları Kullanımı ile İlgili B Sınıfı Eğitim Programı, Eskişehir Osmangazi Üniversitesi, 2016
Health&Medicine, Pharmatest PTWS820D Dissolution Cihazı Eğitimi, Pharmatest, 2016
Health&Medicine, BIT's 2nd Annual World Congress of Smart Materials-2016, BIT, Singapore, 2016
Education Management and Planning, Eğiticinin Eğitimi Kursu, Anadolu Üniversitesi Eczacılık Fakültesi, 2016
Health&Medicine, International Gazi Pharma Symposium (GPSS), Gazi University Faculty of Pharmacy, 2015
Health&Medicine, International Multidisciplinary Symposium on Drug Research & Development, Society of Researchers in Pharmacy and Medicine (ILARUD) & Anadolu University Faculty of Pharmacy, 2015
Health&Medicine, Pharmatest PTB 311 E Tablet Hardness Cihazı Eğitimi, Pharmatest, 2015
Health&Medicine, Pharmatest Uam Universal Motor Drive UGD Gear Cihazı Eğitimi, Pharmatest, 2015
Health&Medicine, Pharmatest PTF 20 ER Friabilitör Cihazı Eğitimi, Pharmatest, 2015
Health&Medicine, Pharmatest DIST 3 Disintegration Cihazı Eğitimi, Pharmatest, 2015
Health&Medicine, Nanotechnology Congress & Expo-2015, OMICS International, USA, 2015
Health&Medicine, 11th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara University Faculty of Pharmacy, 2015
Health&Medicine, 4th International Conference on Nanotech & Expo, OMICSGroup & Florida State University, USA, 2014
Occupational Health and Safety, Çalışanların İş Sağlığı ve Güvenliği Eğitim Programı, Anadolu Üniversitesi, 2014
Health&Medicine, Nanoilaçlar, Tedavide Umutlu Adımlar ve Türkiye, Kontrollü Salım Sistemleri Derneği, 2014
Health&Medicine, IPSF Student Exchange Programme, International Pharmaceutical Students' Federation (IPSF), Romania, 2012
Health&Medicine, 3. Her Yönüyle Eczacılık Sempozyumu, Anadolu Üniversitesi Eczacılık Fakültesi, 2010
Health&Medicine, 2. Her Yönüyle Eczacılık Sempozyumu, Anadolu Üniversitesi Eczacılık Fakültesi, 2009

Dissertations

Doctorate, Deksketoprofen trometamol yüklü kontrollü salım gösteren nanoboyutta ilaç taşıyıcı sistem geliştirilmesi ve in vitro/in vivo değerlendirilmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), 2017

Supported Projects

1. Soyer P., Öztürk A. A., TÜBİTAK Project, KARPUZ KABUĞU KULLANILAN AĞIZ SAĞLIĞINI DESTEKLEYİCİ POSTBİYOTİK VE PARAPROBİYOTİK İÇERİKLİ TAKVİYE EDİCİ GIDA FORMÜLASYONLARININ GELİŞTİRİLMESİ VE KARŞILAŞTIRILMASI, 2025 - 2026
2. Öztürk A. A., Soyer P., Project Supported by Higher Education Institutions, Postbiyotik içeren dermakozmetik preparatların hazırlanması ve karakterizasyonu, 2024 - 2026
3. Öztürk A. A., Kaya Tilki E., Engür Öztürk S., Project Supported by Higher Education Institutions, Akciğer Kanseri

Hücrelerinde AprepitantYüklü İlaç Taşıyıcı Sistemlerin Antikanser Etkilerinin Araştırılması, 2024 - 2026

4. Öztürk A. A., Kaya Tilki E., Şahin Ş., Project Supported by Higher Education Institutions, Nanoçöktürme ve Çift Emülsiyon Çözücü Buharlaştırma yöntemi ile hazırlanan temozolomid yüklü formülasyonların etkinlik ve hedefe seçicilik açısından karşılaştırılması, 2024 - 2025
5. Öztürk A. A., Gürel Gürevin E., Akman G., Manav M., Erol Kutucu D., Kıyan H. T., Project Supported by Higher Education Institutions, Investigation on biological activities of some natural bioactive compounds loaded nanoparticles, 2023 - 2025
6. Öztürk A. A., Kıyan H. T., Kömür M., Project Supported by Higher Education Institutions, Preparation and characterization of donepezil hydrochloride encapsulated Resomer RG 502 based nanopharmaceuticals designed for use in Alzheimer's treatment, 2023 - 2024
7. Öztürk A. A., Kıyan H. T., Project Supported by Higher Education Institutions, Laurus nobilis L. uçucu yağı içeren karbomer bazlı yarı katı topikal dermakozmetik sistemlerin hazırlanması ve karakterizasyonu, 2022 - 2023
8. Kıyan H. T., Öztürk A. A., Ünver H., Project Supported by Higher Education Institutions, Centaurium erythraea Rafn. metanol ekstresi ve yeni vanilin trifenilfosfinyum tuzu içeren yarı katı sistemlerin hazırlanması, in vitro/in vivo biyolojik aktiviteleri ve iritasyon profillerinin belirlenmesi, 2021 - 2023
9. Öztürk A. A., Kaya Tilki E., Kıyan H. T., Güven U. M., Çevikelli T., Project Supported by Higher Education Institutions, COL1A1 geni üzerine etkili topikal sistemlerin formülasyonu, karakterizasyonu ve in vivo HET-CAM testi ile anti-inflamatuvar etkinliğinin belirlenmesi, 2021 - 2023
10. Öztürk A. A., Kaya Tilki E., Dikmen M., Engür Öztürk S., Project Supported by Higher Education Institutions, Investigation of Anti-angiogenic Effects of Newly Developed Aprepitant-Loaded Drug Delivery Systems in THP-1 Originated M2 Macrophage / HUVEC Co-Culture Model, 2021 - 2023
11. Öztürk A. A., Baghirova L., Project Supported by Higher Education Institutions, Preparation, characterization, determination of anti-aging and wound healing potentials of vitamin A palmitate loaded nano-dermacosmetics, 2021 - 2022
12. Öztürk A. A., Kıyan H. T., Ünver H., Project Supported by Higher Education Institutions, Antikanser etkili piridin karboksamit ve paladyum(II)-piridin karboksamit türevlerinin sentezi, ilaç taşıyıcı sistem olarak tasarlanması ve in vivo CAM analizi ile antianjiyogenik etkinliğinin değerlendirilmesi, 2020 - 2021
13. Kıyan H. T., Özek G., Özek T., Öztürk A. A., Project Supported by Higher Education Institutions, Mentha spicata L. yaprak ve Citrus x sinensis L. kabuk uçucu yağlarından limonen enantiyomerlerinin izolasyonu ile uçucu yağ, enantiyomerler ve bunlardan hazırlanan nanopartiküllerin in vivo anjiyogenez, antienflamatuvar aktivitelerinin ve in vitro antioksidan etkilerinin araştırılması, 2019 - 2020
14. Öztürk A. A., Project Supported by Higher Education Institutions, Subkütan kullanım için antimikrobiyal madde yüklü PLGA bazlı in situ olarak implant oluşturan sistemlerin geliştirilmesi ve karakterizasyonu, 2019 - 2020
15. Öztürk A. A., Project Supported by Higher Education Institutions, Sefpodoksim Proksetil Yüklü Farklı İlaç Taşıyıcı Sistemlerin Geliştirilmesi ve in vitro Değerlendirilmesi, 2018 - 2020
16. ÖZTÜRK A. A., AKYIL E., Project Supported by Higher Education Institutions, Kemoterapi ve Radyoterapi Tedavisinde Yan Etkilere Bağlı Oluşan Oral Mukozitin Tedavisinde Semptom Giderici Olarak Kullanılmak Üzere Oral film / strip Formülasyonu Geliştirilmesi İn Vitro ve ex vivo Değerlendirilmesi, 2018 - 2020
17. Akyl E., Öztürk A. A., Büyükköroğlu G., Başaran E., Güven U. M., Project Supported by Higher Education Institutions, Sildenafil Baz İçeren Farklı Taşıyıcı Sistemlerin Hazırlanması ve Karakterizasyonu, 2018 - 2019
18. Akyl E., Karaca H., Öztürk A. A., Project Supported by Higher Education Institutions, Preparation of clarithromycin-loaded chitosan-coated PLGA nanoparticles with high antimicrobial activity with low dose use and evaluation of antimicrobial activity, 2018 - 2019
19. Akyl E., Öztürk A. A., Güven U. M., Şenel B., Project Supported by Higher Education Institutions, Uzatılmış Salım Yapan Flurbiprofen Yüklü Nanoboyutlu İlaç Taşıyıcı Sistem Geliştirilmesi ve Değerlendirilmesi, 2018 - 2019
20. Yazan E. Y., Akyl E., Öztürk A. A., Şenel B., Martin Banderas L., Cayero Otero M. D., Project Supported by Higher Education Institutions, Development of analgesic effective PLGA nanoparticles; Evaluation of in vitro release kinetic and cytotoxicity profile, 2017 - 2019
21. Öztürk A. A., Büyükköroğlu G., Akyl E., Elmaskaya A., Project Supported by Higher Education Institutions, Ketoprofen Lizin İçeren Poli Laktik-Ko- Glikolik Asit (PLGA) Nanopartiküllerinin Hazırlanması ve İn-vitro Değerlendirilmesi, 2017 - 2019

22. Yazan E. Y., Akyl E., Öztürk A. A., Project Supported by Higher Education Institutions, Dexketoprofen Tromethamol Loaded Nano dimension Controlled Release Drug Delivery Systems Development and in vivo / in vitro Evaluation, 2015 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Evaluation of Antimicrobial Properties and Antioxidant Activity of Rosmarinic Acid-Loaded Resomer RG 502 H-Based Nanoparticles Against Tert-Butyl Hydroperoxide-Induced Oxidative Stress: A detailed formulation, characterization and efficacy determination study**
Solak B., Soyer P., Kaya Tilki E., Öztürk A. A.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.106721, pp.1-10, 2025 (SCI-Expanded)
- 2. Enhanced anti-angiogenic effects of aprepitant-loaded nanoparticles in human umbilical vein endothelial cells**
Kaya Tilki E., Öztürk A. A., Engür Öztürk., Dikmen M.
SCIENTIFIC REPORTS, vol.14, no.19837, pp.1-17, 2024 (SCI-Expanded)
- 3. Preparation, Characterization, Antioxidant Activities, and Determination of Anti-Alzheimer Effects of PLGA-Based DDSs Containing Ferulic Acid**
Arınmış K. N., Kıyan H. T., Öztürk A. A.
ACS Omega, vol.9, no.10, pp.11321-11338, 2024 (SCI-Expanded)
- 4. A Novel Phytotherapy Application: Preparation, Characterization, Antioxidant Activities and Determination of Anti-inflammatory Effects by *In vivo* HET-CAM Assay of Chitosan-based DDSs Containing Endemic *Helichrysum pampphylicum* PH Davis & Kupicha Methanolic Extract**
Ismailovi N., KIYAN H. T., ÖZTÜRK A. A.
CURRENT DRUG DELIVERY, vol.21, no.6, pp.901-916, 2024 (SCI-Expanded)
- 5. Antioxidant and Antiangiogenic Effect of Homoleptic Palladium (II) Carboxamide Complex Loaded Chitosan Modified PLGA Nanoparticles: In vitro Evaluation and In vivo Chick Embryo Chorioallantoic Membrane (CAM) Assay**
Öztürk A. A., Ünver H., Kıyan H. T.
LETTERS IN DRUG DESIGN AND DISCOVERY, vol.20, no.8, pp.1158-1170, 2023 (SCI-Expanded)
- 6. Synthesis, characterization, antioxidant activity of Quercetin, Rutin and Quercetin-Rutin incorporated β -cyclodextrin inclusion complexes and determination of their activity in NIH-3T3, MDA-MB-231 and A549 cell lines**
Alper Öztürk A. A., Başaran E., Şenel B., Demirel M., Sarıca Ş.
Journal of Molecular Structure, vol.1282, 2023 (SCI-Expanded)
- 7. Elemi essential oil nanocapsulated drug ameliorates lung cancer via oxidative stress, apoptosis and inflammation pathway**
Kurban B., Tuncel T., Görgülü Ş., Kar F., Öztürk A. A., Özek T.
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, vol.27, no.13, pp.1887-1899, 2023 (SCI-Expanded)
- 8. Evaluation of Cell Proliferation and Wound Healing Effects of Vitamin A Palmitate-Loaded PLGA/Chitosan-Coated PLGA Nanoparticles: Preparation, Characterization, Release, and Release Kinetics**
Baghirova L., Kaya Tilki E., Öztürk A. A.
ACS Omega, vol.8, no.2, pp.2658-2668, 2023 (SCI-Expanded)
- 9. A Comparative Study on *In vitro* Anti-cancer and *In vivo* Anti-angiogenic Effects of TRPC Blockers Pyr-3 and SKF-96365**
Kıyan H. T., Üvez A., Erkisa M., İkitimur-Armutak E. İ., Yılmaz N., Esener O. B. B., Erol Kutucu D., Üstünova S., Ulukaya E., Öztürk A. A., et al.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.20, no.7, pp.957-964, 2023 (SCI-Expanded)
- 10. Ketorolac Tromethamine Loaded Nano-Spray Dried Nanoparticles: Preparation, Characterization,**

Cell Viability, COL1A1 Gene Simulation and Determination of Anti-inflammatory Activity by *In vivo* HET-CAM Assay

Öztürk A. A., Çevikelli T., Kaya Tilki E., Güven U. M., Kıyan H. T.

CURRENT DRUG DELIVERY, vol.20, no.6, pp.830-840, 2023 (SCI-Expanded)

11. **Preparation and In vitro, Ex vivo Evaluation of Benzidamine Hydrochloride Loaded Fast Dissolving Oral Strip Formulations: Treatment of Oral Mucositis Due to Side Effects of Chemotherapy and Radiotherapy**
Yenilmez E., Öztürk A. A., Başaran E.
LETTERS IN DRUG DESIGN & DISCOVERY, vol.20, no.8, pp.1147-1157, 2023 (SCI-Expanded)
12. **Quercetin, Rutin And Quercetin-Rutin Incorporated Hydroxypropyl beta-Cyclodextrin Inclusion Complexes**
Başaran E., Öztürk A. A., Şenel B., Demirel M., Sarıca Ş.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.172, 2022 (SCI-Expanded)
13. **The use of Lamivudine-loaded PLGA nanoparticles in the diagnosis of lung cancer: Preparation, characterization, radiolabeling with Tc-99m and cell binding**
Ekinci M., Öztürk A. A., Santos-Oliveira R., İlem Özdemir D.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.69, 2022 (SCI-Expanded)
14. **Nano Spray-Dried Drugs for Oral Administration: A Review**
Öztürk A. A., Arpagaus C.
ASSAY AND DRUG DEVELOPMENT TECHNOLOGIES, vol.19, no.7, pp.412-441, 2021 (SCI-Expanded)
15. **Cefaclor Monohydrate-Loaded Colon-Targeted Nanoparticles for Use in COVID-19 Dependent Coinfections and Intestinal Symptoms: Formulation, Characterization, Release Kinetics, and Antimicrobial Activity**
Alper Ozturk A. A., Namli I., Aygül A.
ASSAY AND DRUG DEVELOPMENT TECHNOLOGIES, vol.19, no.3, pp.156-175, 2021 (SCI-Expanded)
16. **Diclofenac sodium loaded PLGA nanoparticles for inflammatory diseases with high anti-inflammatory properties at low dose: Formulation, characterization and in vivo HET-CAM analysis**
Öztürk A. A., Namli I., Gulec K., Kıyan H. T.
MICROVASCULAR RESEARCH, vol.130, 2020 (SCI-Expanded)
17. **Effect of different molecular weight PLGA on flurbiprofen nanoparticles: formulation, characterization, cytotoxicity, and in vivo anti-inflammatory effect by using HET-CAM assay**
Öztürk A. A., Yenilmez E., Şenel B., Kıyan H. T., Güven U. M.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.4, pp.682-695, 2020 (SCI-Expanded)
18. **Treatment of oxidative stress-induced pain and inflammation with dexketoprofen trometamol loaded different molecular weight chitosan nanoparticles: Formulation, characterization and anti-inflammatory activity by using in vivo HET-CAM assay**
Öztürk A. A., Kıyan H. T.
MICROVASCULAR RESEARCH, vol.128, 2020 (SCI-Expanded)
19. **Design of Lamivudine Loaded Nanoparticles for Oral Application by Nano Spray Drying Method: A New Approach to use an Antiretroviral Drug for Lung Cancer Treatment**
Öztürk A. A., Namli I., Gulec K., Gorgulu S.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.23, no.10, pp.1064-1079, 2020 (SCI-Expanded)
20. **Influence of glyceryl behenate, tripalmitin and stearic acid on the properties of clarithromycin incorporated solid lipid nanoparticles (SLNs): Formulation, characterization, antibacterial activity and cytotoxicity**
Öztürk A. A., Aygül A., Şenel B.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.54, 2019 (SCI-Expanded)
21. **New approaches to tumor therapy with siRNA-decorated and chitosan-modified PLGA nanoparticles**
Şenel B., Orturk A. A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.45, no.11, pp.1835-1848, 2019 (SCI-Expanded)

22. **Clarithromycin-Loaded Poly (Lactic-co-glycolic Acid) (PLGA) Nanoparticles for Oral Administration: Effect of Polymer Molecular Weight and Surface Modification with Chitosan on Formulation, Nanoparticle Characterization and Antibacterial Effects**
Öztürk A. A., Yenilmez E., Özarda M. G.
POLYMERS, vol.11, no.10, 2019 (SCI-Expanded)
23. **Spray-dried Ketoprofen Lysine-incorporated PLGA Nanoparticles; Formulation, Characterization, Evaluation and Cytotoxic Profile**
Elmaskaya A., Öztürk A. A., Büyükköroğlu G., Yenilmez E.
INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.81, no.4, pp.640-650, 2019 (SCI-Expanded)
24. **Dexketoprofen trometamol-loaded poly-lactic-co-glycolic acid (PLGA) nanoparticles: Preparation, in vitro characterization and cytotoxicity**
Öztürk A. A., Banderas L. M., Otero M. D. C., Yenilmez E., Senal B., Yazan Y.
TROPICAL JOURNAL OF PHARMACEUTICAL RESEARCH, no.1, pp.1-11, 2019 (SCI-Expanded)
25. **Effects of Different Derivatives of Eudragit Polymer on Entrapment Efficiency, In Vitro Dissolution, Release Kinetics and Cell Viability Results on Extended Release Flurbiprofen Loaded Nanomedicines**
Öztürk A. A., Güven U. M., Yenilmez E., Şenel B.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.10, pp.1981-1992, 2018 (SCI-Expanded)
26. **New Approach to Hypertension Treatment: Carvediol-Loaded PLGA Nanoparticles, Preparation, In Vitro Characterization and Gastrointestinal Stability**
Öztürk A. A., Martin Banderas L., Cayero Otero M. D., Yenilmez E., Yazan Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.37, no.9, pp.1730-1741, 2018 (SCI-Expanded)
27. **Supervised Machine Learning Algorithms for Evaluation of Solid Lipid Nanoparticles and Particle Size**
Öztürk A. A., Gunduz A. B., Ozisik O.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.21, no.9, pp.693-699, 2018 (SCI-Expanded)
28. **Dexketoprofen trometamol-loaded kollidon® SR and eudragit® RS 100 polymeric nanoparticles: Formulation and in vitro-in vivo evaluation**
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Courses

Doctorate

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Kontrollü Salım Sağlayan Sistemler, Doctorate, 2019 - 2020

Postgraduate

Dermakozmetik Ürünler, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Dönem Projesi, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Seminer (Kozmetoloji Tezli YL), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Kozmetik Preparat Formülasyonu, Postgraduate, 2023 - 2024, 2022 - 2023

Tez (Farmasötik Teknoloji Tezli YL), Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Seminer (Farmasötik Teknoloji Tezli YL), Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Toz İlaçlar ve Mikromeritik, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Farmasötik Çözünme Hızı Uygulamaları, Postgraduate, 2023 - 2024, 2022 - 2023

Kozmetik Ürün Formülasyonu, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Tez (Kozmetoloji Tezli YL), Postgraduate, 2024 - 2025, 2023 - 2024, 2020 - 2021

Yüz, Vücut ve Kişisel Bakım Ürünleri, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Biyoyararlanım ve Biyoeşdeğerlik, Postgraduate, 2023 - 2024, 2022 - 2023

Kozmetik Hammaddeler ve İşlevleri, Postgraduate, 2021 - 2022, 2020 - 2021

Farmasötik Teknolojide İstatistik, Postgraduate, 2021 - 2022

Fiziksel Farmasi, Postgraduate, 2021 - 2022, 2020 - 2021

İlaç Taşıyıcı Çok Fazlı Sistemler, Postgraduate, 2020 - 2021

Kozmetik Preparat Uygulama İlişkisi, Postgraduate, 2019 - 2020

İlaç Taşıyıcı Sistemlerde Kullanılan Polimerler, Postgraduate, 2019 - 2020

Farmasötik Önformülasyon, Postgraduate, 2020 - 2021

Undergraduate

Mezuniyet Projesi I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Farmasötik Teknoloji IV, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Farmasötik Teknoloji I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Farmasötik Teknoloji Uygulamaları II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020

Farmasötik Teknoloji Uygulamaları I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020
Mezuniyet Projesi II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Dermakozmetik Madde ve Ürünler, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Kanıtı Dayalı Eczacılık ve Araştırma VIII, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Kanıtı Dayalı Eczacılık ve Araştırma VI, Undergraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
İlaç Biyoyararlanımı, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Farmasötik Teknoloji III, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Kanıtı Dayalı Eczacılık ve Araştırma X, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021
Farmasötik Teknoloji Uygulamaları IV, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Farmasötik Teknoloji Uygulamaları III, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2020 - 2021
Kanıtı Dayalı Eczacılık ve Araştırma IX, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
Farmasötik Teknoloji Yeterlilikleri, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Farmasötik Teknoloji II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Farmasötik Teknoloji II (Klasik Sistem), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Farmasötik Teknoloji Uygulamaları IV (Klasik Sistem), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Farmasötik Teknoloji I (Klasik Sistem), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Farmasötik Teknoloji Uygulamaları III (Klasik Sistem), Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
Kozmetoloji, Undergraduate, 2019 - 2020
Farmasötik Teknoloji Uygulamaları II (Klasik Sistem), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İlaçta Kalite Yönetimi, Undergraduate, 2019 - 2020
Farmasötik Teknoloji Uygulamaları I (Klasik Sistem), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İlaç Kararlılığı, Undergraduate, 2018 - 2019, 2017 - 2018
Pharmaceutical Technology Practicals II, Undergraduate, 2018 - 2019

Supervised Theses

Öztürk A. A., PREPARATION, CHARACTERIZATION AND DETERMINATION OF ANTIOXIDANT AND ANTIALZHEIMER EFFECTS OF FERULIC ACID LOADED PLGA-BASED NANOSYSTEMS, Postgraduate, K.NUR(Student), 2023
Öztürk A. A., PREPARATION, CHARACTERIZATION AND DETERMINATION OF ANTIALZHEIMER EFFECTS OF DONEPEZIL HYDROCHLORIDE LOADED PLGA-BASED NANO-SYSTEMS , Postgraduate, M.KÖMÜR(Student), 2023
Öztürk A. A., Antioksidan ve antiinflamatuvar etkili kitosan bazlıjellerin hazırlanması, karakterizasyonu ve het-cam ileantiinflamatuvar potansiyellerinin belirlenmesi, Postgraduate, N.ISMAILOVI(Student), 2022
Öztürk A. A., Vitamin A palmitat yüklü NANO-dermakozmetiklerin hazırlanması, karakterizasyonu ve yara iyileştirme potansiyellerinin belirlenmesi, Postgraduate, L.BAGHIROVA(Student), 2022

Advising Graduates (Non-Thesis)

Öztürk A. A., VIEWING SUN PROTECTION CREAMS ON A UV CAMERA, Masters (Non-Thesis), E.KIRKPINAR(Student), 2024
Öztürk A. A., USE OF CAFFEINE IN HAIR CARE PRODUCTS, Masters (Non-Thesis), F.TURGAY(Student), 2023

Congress and Symposium Activities

9th European Congress of Pharmacology (EPHAR2024), Attendee, Athens, Greece, 2024
9th International BAU Drug Design Congress, Attendee, İstanbul, Turkey, 2023
1st International Medicine and Pharmacy Congress, Attendee, İstanbul, Turkey, 2023
EUFEPS Annual Meeting (EUFEPS'23), Attendee, Lisbon, Portugal, 2023
8. Ulusal Hastane ve Kurum Eczacıları Kongresi, Attendee, Antalya, Turkey, 2022
Second International Congress on Biological and Health Sciences, Attendee, İstanbul, Turkey, 2022
8th International Medicine and Health Sciences Researchers Congress, Attendee, İstanbul, Turkey, 2021
International Congress on Biological and Health Sciences, Attendee, İstanbul, Turkey, 2021
2nd Middle East Pharmacy and Pharmaceutical Conference, Attendee, Dubai, United Arab Emirates, 2019
2019 International Conference on Materials and Nanomaterials (MNs-19), Attendee, Paris, France, 2019
12th International Symposium on Pharmaceutical Sciences (ISOPS), Attendee, Ankara, Turkey, 2018
EUFEPS Annual Meeting 2018, Attendee, Athens, Greece, 2018
2nd International Gazi Pharma Symposium, Attendee, Ankara, Turkey, 2017
2nd Annual Inhalation & Respiratory Drug Delivery Congress, Attendee, London, England, 2017
3rd Annual Formulation & Drug Delivery Congress, Attendee, London, England, 2017
BIT's 2nd Annual World Congress of Smart Materials-2016, Attendee, Singapore, Singapore, 2016
International Gazi Pharma Symposium, Attendee, Antalya, Turkey, 2015
International Multidisciplinary Symposium on Drug Research & Development, Attendee, Eskişehir, Turkey, 2015
Nanotechnology Congress & Expo, Attendee, Frankfurt, Germany, 2015
11th International Symposium on Pharmaceutical Sciences, Attendee, Ankara, Turkey, 2015
4th International Conference on Nanotek & Expo, Attendee, California, United States Of America, 2014

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Technology, Biopharmaceutical and Pharmacokinetics, Cosmetology, Radiopharmacy, Nanotechnology, Biomaterials, Nanomaterials