

Prof. FATMA NUR TUĞCU DEMİRÖZ

Personal Information

Office Phone: [+90 312 202 3043](tel:+903122023043)

Fax Phone: [+90 312 223 3058](tel:+903122233058)

Email: fatmanur@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/fatmanur>

International Researcher IDs

ScholarID: 1Vq6c00AAAAJ

ORCID: 0000-0002-9468-3329

Publons / Web Of Science ResearcherID: AAG-4302-2019

ScopusID: 6507651225

Yoksis Researcher ID: 133599

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2001 - 2009

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), Turkey 1999 - 2001

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Bilirkişilik Sertifikası, Gazi Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi'nde 14-22 Kasım 2017 tarihleri arasında düzenlenmiş olan 24 saatlik "Bilirkişilik Temel Eğitimi"ni tamamlayarak sertifika almaya hak kazanmıştır. , 2017

Vocational Training, Eğiticilerin Eğitimi Sertifikası, Gazi Üniversitesi Gazi Eğitim Fakültesi ve Uzaktan Eğitim Uygulama ve Araştırma Merkezi tarafından düzenlenen Eğiticilerin Eğitimi Sertifika Programını başarıyla tamamlayarak sertifika almaya hak kazanmıştır, 2017

Health&Medicine, Deney Hayvanları Uygulama ve Etik Kursu IV Sertifikası, Gazi Üniversitesi Hayvan Etik Kurulu onayı ile GÜ Laboratuvar Hayvanları Yetiştirme ve Deneysel Araştırma merkezi tarafından 2007 yılında düzenlenen kursa katılarak teorik ve pratik başarı eğitimleri başarı ile tamamlayıp sertifika almaya hak kazanmıştır. , 2007

Dissertations

Doctorate, Kontrollü salın yapan biyoadeziv yeni vajinal ilaç şekilleri üzerinde çalışmalar, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2009

Postgraduate, Doğal polimerler kullanılarak kolona hedeflendirilmiş ilaç şekillerinin geliştirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), 2001

Research Areas

Pharmaceutical Technology, Cosmetology

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2018 - 2023

Assistant Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - 2018

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2000 - 2017

Academic and Administrative Experience

Vice Dean, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Academic Performance D. Board Member, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2021 - Continues

Courses

Postgraduate

ÇOK FAZLI SİSTEMLER (FTE-2030), Postgraduate, 2017 - 2018

ÖNFORMÜLASYON, Postgraduate, 2017 - 2018

Undergraduate

FARMASÖTİK TEKNOLOJİ I (FTE 307), Undergraduate, 2017 - 2018

FARMASÖTİK TEKNOLOJİ UYGULAMA, Undergraduate, 2017 - 2018, 2016 - 2017

FARMASÖTİK TEKNOLOJİ III (FTE 707), Undergraduate, 2017 - 2018

Jury Memberships

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, November, 2022

Doctorate, Doctorate, Gazi Üniversitesi, April, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, April, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, January, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phytosomes - unraveling plant-derived nanotechnological drug delivery systems: A narrowed review**
Şenol Deniz F. S., Tuğcu Demiröz F. N., Ulutaş O. K., Erdoğan Orhan .
CURRENT MEDICINAL CHEMISTRY, vol.31, pp.1-15, 2025 (SCI-Expanded)
- II. **Evaluation of Emulgel and Nanostructured Lipid Carrier-Based Gel Formulations for Transdermal Administration of Ibuprofen: Characterization, Mechanical Properties, and Ex-Vivo Skin Permeation**
Yılmaz Usta D., Teksin Z. Ş., Tuğcu Demiröz F. N.
AAPS PHARMSCITECH, vol.25, pp.1-15, 2024 (SCI-Expanded)
- III. **The cumulative effect of ellagic acid and carnosic acid attenuates oxidative events during diabetic wound healing: in different applications and on different days**
Gursoy E. N., Balabanlı K. B., Tuğcu Demiroz F. N., Coskun Cevher Ş.
TURKISH JOURNAL OF BIOLOGY, vol.48, no.6, pp.364-378, 2024 (SCI-Expanded)
- IV. **Three-dimensional printed dosage forms based on disease-focussed perspectives**
Gültekin H. E., Tuğcu Demiröz F., TORT S., ACARTÜRK F.
The Journal of pharmacy and pharmacology, vol.74, no.10, pp.1406-1426, 2022 (SCI-Expanded)

- V. **Development and characterization of chitosan nanoparticles loaded nanofiber hybrid system for vaginal controlled release of benzydamine**
Tuğcu-Demiröz F. N., Saar S., Kara A. A., Yıldız A., Tunçel E., Acartürk F.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.161, 2021 (SCI-Expanded)
- VI. **3D printed extended release tablets for once daily use: An in vitro and in vivo evaluation study for a personalized solid dosage form**
Ezgi Gültekin H., Tort S., Tuğcu-Demiröz F. N., Acartürk F.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.596, 2021 (SCI-Expanded)
- VII. **Effects of UV Exposure Time on Nanofiber Wound Dressing Properties During Sterilization**
TORT S., Demiroz F. N., YILDIZ S., ACARTÜRK F.
JOURNAL OF PHARMACEUTICAL INNOVATION, vol.15, no.3, pp.325-332, 2020 (SCI-Expanded)
- VIII. **Electrospun metronidazole-loaded nanofibers for vaginal drug delivery**
TUĞCU DEMİRÖZ F. N., Saar S., TORT S., ACARTÜRK F.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.6, pp.1015-1025, 2020 (SCI-Expanded)
- IX. **The effect of a new wound dressing on wound healing: Biochemical and histopathological evaluation**
TORT S., Demiroz F. N., COŞKUN CEVHER Ş., Saribas S., Ozogul C., ACARTÜRK F.
BURNS, vol.46, no.1, pp.143-155, 2020 (SCI-Expanded)
- X. **Development and characterization of rapid dissolving ornidazole loaded PVP electrospun fibers**
TORT S., Yıldız A., TUĞCU DEMİRÖZ F. N., AKCA G., Kuzukiran O., ACARTÜRK F.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, no.7, pp.864-873, 2019 (SCI-Expanded)
- XI. **Development and characterization of gels and liposomes containing ovalbumin for nasal delivery**
Kaplan M., TUĞCU DEMİRÖZ F. N., VURAL İ., Celebi N.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.44, pp.108-117, 2018 (SCI-Expanded)
- XII. **Vaginal Delivery of Benzydamine Hydrochloride through Liposomes Dispersed in Mucoadhesive Gels**
TUĞCU DEMİRÖZ F. N.
CHEMICAL & PHARMACEUTICAL BULLETIN, vol.65, no.7, pp.660-667, 2017 (SCI-Expanded)
- XIII. **Carbon nanotube membranes to predict skin permeability of compounds**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., Degim I. T.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.22, no.4, pp.606-616, 2017 (SCI-Expanded)
- XIV. **Investigation of the effect of intracolonic melatonin gel formulation on acetic acid-induced colitis**
Esiringu F., TUĞCU DEMİRÖZ F. N., ACARTÜRK F., COŞKUN CEVHER Ş., Bircan F., SARI KILIÇASLAN S. M.
DRUG DELIVERY, vol.23, no.7, pp.2318-2326, 2016 (SCI-Expanded)
- XV. **Stimuli-responsive lipid nanotubes in gel formulations for the delivery of doxorubicin**
İLBASMIŞ TAMER S., Unsal H., TUĞCU DEMİRÖZ F. N., KALAYCIOĞLU G. D., Degim I. T., AYDOĞAN N.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.143, pp.406-414, 2016 (SCI-Expanded)
- XVI. **Gamma scintigraphic studies on guar gum-based compressed coated tablets for colonic delivery of theophylline in healthy volunteers**
Celkan A., ACARTÜRK F., TUĞCU DEMİRÖZ F. N., Gokcora N., Akkas B. E., Guner L. A.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.32, pp.31-37, 2016 (SCI-Expanded)
- XVII. **Preparation and characterization of bioadhesive controlled-release gels of cidofovir for vaginal delivery**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., ÖZKUL A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.26, no.17, pp.1237-1255, 2015 (SCI-Expanded)
- XVIII. **Quantitative Characterization of Magnetic Mobility of Nanoparticle in Solution-Based Condition**
Rodoplu D., BOYACI İ. H., Bozkurt A. G., Eksi H., Zengin A., TAMER U., AYDOĞAN N., ÖZCAN Ş., TUĞCU DEMİRÖZ F. N.
CURRENT PHARMACEUTICAL DESIGN, vol.21, no.37, pp.5389-5400, 2015 (SCI-Expanded)
- XIX. **Development of long-acting bioadhesive vaginal gels of oxybutynin: Formulation, in vitro and in vivo evaluations**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., Erdogan D.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.457, no.1, pp.25-39, 2013 (SCI-Expanded)
- XX. **PDGF supplementation alters oxidative events in wound healing process: a time course study**

- Kaltalioglu K., COŞKUN CEVHER Ş., TUĞCU DEMİRÖZ F. N., Celebi N.
ARCHIVES OF DERMATOLOGICAL RESEARCH, vol.305, no.5, pp.415-422, 2013 (SCI-Expanded)
- XXI. **Development of controlled release sildenafil formulations for vaginal administration**
Degim I. T., TUĞCU DEMİRÖZ F. N., Tamer-İlbasım S., ACARTÜRK F.
DRUG DELIVERY, vol.15, no.4, pp.259-265, 2008 (SCI-Expanded)
- XXII. **Investigation of colon-specific dosage forms of ondansetron prepared with natural polymers**
TUĞCU DEMİRÖZ F. N., Acartürk F., Takka S.
PHARMAZIE, vol.61, no.11, pp.916-919, 2006 (SCI-Expanded)
- XXIII. **In-vitro and in-vivo evaluation of mesalazine-guar gum matrix tablets for colonic drug delivery**
TUĞCU DEMİRÖZ F. N., Acartürk F., Takka S., Konus-Boyunaga Ö. L.
JOURNAL OF DRUG TARGETING, vol.12, no.2, pp.105-112, 2004 (SCI-Expanded)
- XXIV. **Dissolution and assaying of multicomponent tablets by chemometric methods using computer-aided spectrophotometer**
Dinc E., Serin C., TUĞCU DEMİRÖZ F. N., Doganay T.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.250, no.2, pp.339-350, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preliminary Study on the Development of Orodispersible Film Containing Desloratadine**
Çakmakçıyan Ö., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
Turkish Journal of Pharmaceutical Sciences, vol.22, no.1, pp.55-63, 2025 (ESCI)
- II. **Ocular Drug Delivery Routes: Diseases Overview and Advanced Administration Methods**
Yetgin C., Tuğcu Demiröz F. N., Takka S.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, no.3, pp.627-646, 2024 (Scopus)
- III. **Evaluation of Mechanical and Mucoadhesive Properties of Polyvinyl Alcohol Nanofibers As Vaginal Drug Delivery System**
SAAR S., Tuğcu Demiröz F. N.
FABAD Journal of Pharmaceutical Sciences, vol.48, no.2, pp.219-230, 2023 (Scopus)
- IV. **Development and Evaluation of Sustained Release Tablet Formulations of Venlafaxine Hydrochloride**
Tort S., Kodan Akça E., Olğaç S., Saar S., Yıldız A., Ünal İ. S., Özdal Z. D., Tuğcu Demiröz F. N.
Sağlık bilimlerinde değer (Online), vol.12, no.1, pp.28-35, 2022 (Peer-Reviewed Journal)
- V. **DEVELOPMENT AND CHARACTERIZATION OF MUCOADHESIVE-THERMOSENSITIVE BUCCAL GEL CONTAINING METRONIDAZOLE FOR THE TREATMENT OF ORAL MUCOSITIS**
ONGUN M., TUNÇEL E., KODAN E., TUĞCU DEMİRÖZ F. N., TIRNAKSIZ F. F.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.44, no.3, pp.517-539, 2020 (Scopus)
- VI. **Evaluation of Biocidal Products in COVID-19 Pandemic**
İlbasım Tamer S., Demiroz F. N., Acartürk F.
GAZI MEDICAL JOURNAL, vol.31, pp.485-497, 2020 (ESCI)
- VII. **Comparison of Oxidative Effects of Two Different Administration Form of Oxybutynin in the Potential Target Tissues**
Kaltalioglu K., TUĞCU DEMİRÖZ F. N., ACARTÜRK F., Balabanlı B., COŞKUN CEVHER Ş.
ADVANCES IN UROLOGY, vol.2018, 2018 (ESCI)
- VIII. **Development of in situ poloxamer-chitosan hydrogels for vaginal drug delivery of benzydamine hydrochloride: Textural, mucoadhesive and in vitro release properties**
TUĞCU DEMİRÖZ F. N.
MARMARA PHARMACEUTICAL JOURNAL, vol.21, no.4, pp.762-770, 2017 (ESCI)
- IX. **Evaluation of Rheological and Textural Properties of Toothpastes**
TOKSOY M. O., TUĞCU DEMİRÖZ F. N., TIRNAKSIZ F. F.
FABAD Journal of Pharmaceutical Sciences, vol.38, no.3, pp.135-141, 2016 (Scopus)
- X. **Kolona Özgü İlaç Taşıyıcı Sistemler**

Books

- I. **Farmasötik Teknoloji Laboratuvar Kitabı**
ACARTÜRK F., İLBASMIŞ TAMER S., İNCEÇAYIR T., MUTLU AĞARDAN N. B., TAKKA S., TEKSİN Z. Ş., TIRNAKSIZ F. F., TORT S., TUĞCU DEMİRÖZ F. N., AYDOĞDUOĞLU Ş., et al.
Gazi Üniversitesi Yayınları, Ankara, 2023
- II. **Chapter 19: Vaginally Applied Nanocarriers and their Characterizations**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
in: Drug Delivery with Targeted Nanoparticles. In Vitro and In Vivo Evaluation Methods, Ç. Yılmaz, A. Sahin, H.Tonbul, Editor, Jenny Stanford Publishing Pte, Ltd., Singapore, pp.499-537, 2022
- III. **Majistral İlaç Rehberi**
TIRNAKSIZ F. F., KARATAŞ A., AKKUŞ ARSLAN Ş., TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S., ALGAN A. H.
Türk Eczacılar Birliği, Fersa Ofset, Ankara, Ankara, 2015
- IV. **Majistral Reçetelerdeki Farklı Farmasötik Dozaj Şekillerinin Hazırlanmasında Temel İlkeler**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N.
in: Eczacının Başvuru Rehberi, Cengiz Yakıcı, Göknur Aktay, Editor, TÜRK ECZACILAR BİRLİĞİ, Fersa Ofset, Ankara, Ankara, pp.387-395, 2015
- V. **Majistral Reçete Hazırlarken Dikkat Edilmesi Gereken Genel Kurallar**
TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S.
in: Eczacının Başvuru Rehberi, Cengiz Yakıcı, Göknur Aktay, Editor, Türk Eczacılar Birliği Eczacılık Akademisi Yayınları, Fersa Ofset, Ankara, Ankara, pp.379-386, 2015
- VI. **Majistral Reçeteler için Hesaplar**
TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S., AKKUŞ ARSLAN Ş., TIRNAKSIZ F. F.
in: Majistral İlaç Rehberi, Figen Tırnaksız, Editor, Fersa Ofset, Ankara, pp.17-37, 2015
- VII. **Süspansiyonlar**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., TIRNAKSIZ F. F.
in: Majistral İlaç Rehberi, Figen Tırnaksız, Ayşegül Karataş, Şeyda Akkuş Arslan, Fatmanur Tuğcu Demiröz, Sibel İlbasmış Tamer, Ashlan Hilal Algan, Editor, Fersa Ofset, Ankara, pp.185-219, 2015
- VIII. **Farmasötik Teknoloji Laboratuvar Kitabı**
ACARTÜRK F., AĞABEYOĞLU T. İ., ÇELEBİ F. N., DEĞİM İ. T., DEĞİM Z., DOĞANAY T., TAKKA S., TEKSİN Z. Ş., TIRNAKSIZ F. F., Dokak C., et al.
ŞAFAK MATBAACILIK SAN. TİC. L TO. ŞTİ., Ankara, 2007

Papers Published in Refereed Scientific Meetings

- I. **Evaluation and Characterization of Metronidazole Loaded Emulgel Formulation For Vaginal Delivery**
Tuğcu Demiröz F. N., Ongun M., Saar S., Tırnaksız F. F.
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019
- II. **GAZİ ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ EĞİTİMİNİN İLAÇ ENDÜSTRİSİYLE OLAN PAYDAŞLIĞI**
Mansuroğlu E., ULUTAŞ O. K., TUĞCU DEMİRÖZ F. N., ERDOĞAN ORHAN İ.
IV. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Ankara, Turkey, 29 February 2024
- III. **Stronsiyum Ranelatin Lokal Uygulamasının Kemik Rejenerasyonuna Etkisinin Bmp-2 ile Karşılaştırılması**
KARAPINAR I., DOĞAN A., GÜRBÜZ S., TUĞCU DEMİRÖZ F. N., YIĞMAN Z., ÖMEROĞLU S.
Türk Periodontoloji Derneği 52. Uluslararası Bilimsel Kongresi ve 30. Bilimsel Sempozyumu, İzmir, Turkey, 21 - 23 September 2023

- IV. **The effect of co-administration of Rosmarinic Acid and Carvacrol on wound tissue nitric oxide and protein carbonyl levels in diabetic rats**
kömür s., BALABANLI K. B., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023) October 11-13, 2023., 11 October 2023, pp.210
- V. **THE EFFECT CO-APPLICATION OF TWO DIFFERENT NATURAL COMPOUNDS ON WOUND HEALING, MATRIX METALLOPROTEINASE AND COLLAGEN LEVELS**
kömür s., BALABANLI K. B., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş.
EURO ASIA 11th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Ankara, Turkey, 27 May 2023, pp.237-238
- VI. **Different Applications of Combination of Ellagic Acid and Carnosic Acid in Hyperglycemic Rats: A Perspective of Protein Dysfunction in Wound Healing Process**
ALVER E. N., TUĞCU DEMİRÖZ F. N., BALABANLI K. B., COŞKUN CEVHER Ş.
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 November 2022, pp.53
- VII. **Development of 3D Printed Bovine Serum Albumin Loaded Alginate-Based Hydrogel Dressing for Wound-Healing Application**
TEKİN T., YILDIZ A., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
5th International Eurasian Conference on Biotechnology and Biochemistry, Ankara, Turkey, 23 - 25 November 2022
- VIII. **TRANSFERSOMES FOR TOPICAL OCULAR ADMINISTRATION: DEVELOPMENT AND IN VITRO CHARACTERIZATION**
Yetgin C., Tuğcu Demiröz F. N., Takka S.
5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 23 November 2022
- IX. **Evaluation of the Effect of Nanofiber Formulations on the Expression of IBD Marker TNF- α by Cell Culture Studies**
YILDIZ A., SAAR S., YILDIRIM E., UYAR R., YURDAKÖK DİKMEN B., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
16th Nanoscience & Nanotechnology Conference (NANOTR-16), Ankara, Turkey, 5 - 08 September 2022
- X. **Evaluation of the Effect of Nanofiber Formulations on the Expression of IBD Marker TNF- α by Cell Culture Studies**
Yıldız A., Saar S., Yıldırım E., Uyar R., Yurdakök Dikmen B., Tuğcu Demiröz F. N., Acartürk F., Turgut-Birer Y.
16th Nanoscience & Nanotechnology Conference (NANOTR-16), Ankara, Turkey, 5 - 08 September 2022, pp.342
- XI. **The Effect of A New Generation Antioxidant Combination on Matrix Metalloproteinases in Diabetic Wound Healing**
ALVER E. N., BALABANLI K. B., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş.
3 rd International Conference on Applied Engineering and Natural Sciences, Turkey, 20 July 2022
- XII. **DEVELOPMENT AND EVALUATION OF GANCICLOVIR LOADED NIOSOMES FOR THE TREATMENT OF CYTOMEGALOVIRUS RETINITIS**
YETGİN C., ÇOBAN Ö., TUĞCU DEMİRÖZ F. N., TAKKA S.
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 01 June 2022
- XIII. **Antifungal Activity of Voriconazole Loaded Organogel Formulations Against Candida Albicans**
Keskin G., Akca G., Saar S., Tuğcu Demiröz F. N.
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 1 - 03 June 2022, pp.50
- XIV. **In-vitro, Ex-vivo And Cytotoxicity Evaluation of Hydrocortisone-loaded Nanofiber for Colon Targeting**
SAAR S., YILDIZ A., YILDIRIM E., UYAR R., TURGUT Y., YURDAKÖK DİKMEN B., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
FIGON DMD & EUFEPS Annual Meeting, Leiden, Netherlands, 1 - 03 June 2022
- XV. **In-vitro, Ex-vivo and Cytotoxicity Evaluation of Hydrocortisone Loaded Nanofiber for Colon Targeting**
Saar S., Yıldız A., Yıldırım E., Uyar R., Turgut Y., Yurdakök Dikmen B., Tuğcu Demiröz F. N., Acartürk F.
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 1 - 03 June 2022, pp.17

- XVI. **Vaginal Mucoadhesion and Permeability Studies Of Voriconazole Loaded Organogel Formulations**
Keskin G., Saar S., Tuğcu Demiröz F. N.
20th International Pharmaceutical Technology Symposium (IPTS), Ankara, Turkey, 21 - 23 February 2022, pp.260-262
- XVII. **Evaluation of Mechanical And Morphological Properties of Zein-Based Nanofibers For Vaginal Drug Delivery**
Saar S., Tuğcu Demiröz F. N.
20th International Pharmaceutical Technology Symposium (IPTS-2022), Ankara, Turkey, 21 - 23 February 2022, pp.263-265
- XVIII. **The Effect of Application of Ellagic Acid and Carnosic Acid on Wound Healing**
ALVER E. N., BALABANLI K. B., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş.
3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Ankara, Turkey, 15 December 2021, pp.32
- XIX. **Development and Characterization Studies of Hydrocortisone Loaded Eudragit-Based Colon Targeted Nanofibers**
TUĞCU DEMİRÖZ F. N., YILDIRIM E., SAAR S., YILDIZ A., ACARTÜRK F.
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- XX. **Fabrication and Characterization of Methylprednisolone-Loaded Colon-Specific 3D-Printed Drug Delivery Systems**
YILDIZ A., TURANLI Y., BİRER M., SAAR S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- XXI. **Development and characterization of voriconazole loaded organogel formulations for vaginal delivery**
Keskin G., Saar S., Tuğcu Demiröz F. N.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.152
- XXII. **Development and optimization of electrospun PVA nanofibers for vaginal drug delivery using design of experiment method**
Saar S., Tuğcu Demiröz F. N.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.157
- XXIII. **Fabrication and Characterization of Methylprednisolone-Loaded Colon-Specific 3D-Printed Drug Delivery Systems**
Yıldız A., Turanlı Y., Birer M., Saar S., Tuğcu Demiröz F. N., Acartürk F.
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021, pp.1
- XXIV. **Development and characterization studies of hydrocortisone loaded Eudragit-based colon targeted nanofibers**
Tuğcu Demiröz F. N., Yıldırım E., Saar S., Yıldız A., Acartürk F.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021, pp.160
- XXV. **Preparation and Characterization of Tenofovir Disoproxil Fumarate Loaded Nanofiber for Vaginal Delivery**
Dik Z., Saar S., Tuğcu Demiröz F. N.
13th International Symposium on Pharmaceutical Sciences (ISOPS 2021), 22-25 June 2021, Ankara, Turkey, 22 - 25 June 2021, pp.53
- XXVI. **The Evaluation of The Potential Eudragit-Based Delayed Release Nanofibers for Colon Targeting**
Yıldırım E., Yıldız A., Saar S., Tuğcu Demiröz F. N., Acartürk F.
13th International Symposium on Pharmaceutical Sciences (ISOPS 2021), 22 - 25 June 2021, pp.152
- XXVII. **Evaluation and Comparison of B-Cyclodextrin Derivatives on Aqueous Solubility of Desloratadine**
Çakmakyapan Ö., Tuğcu Demiröz F. N., Teksin Z. Ş.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XXVIII. **Development and Characterization of Buccal Film Containing Hydrocortisone Nanosuspensions**
Çulcu Ö., Saar S., Tuğcu Demiröz F. N., Tirnaksız F. F.
13th International Symposium on Pharmaceutical Sciences (ISOPS 2021), Ankara, Turkey, 22 - 25 June 2021,

pp.170-171

- XXIX. **The evaluation of the potential eudragit based delayed release nanofibers for colon targeting**
Yıldırım E., Yıldız A., Saar S., Tuğcu Demiröz F. N., Acartürk F.
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.152
- XXX. **Evaluation of Polyvinyl Alcohol Nanofibers as Vaginal Drug Delivery System**
Saar S., Tuğcu Demiröz F. N.
13th International Symposium on Pharmaceutical Sciences (ISOPS 2021), 22 - 25 June 2021, pp.172-173
- XXXI. **Evaluations of Fasted and Fed Bioavailabilities of Self Double Emulsifying Drug Delivery System of Tenofovir**
Bektaş D., Tuğcu Demiröz F. N., Teksin Z. Ş.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XXXII. **Development and Characterization of Mucoadhesive Films Containing Metronidazole for Vaginal Drug Delivery**
Saar S., Tuğcu Demiröz F. N.
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (PBP 2021), Vienna, Austria, 11 - 14 May 2021, pp.1
- XXXIII. **Investigation of Nanostructured Lipid Carriers (NLC)-Based Gel for the Transdermal Delivery of Ibuprofen: Preparation, Characterization, Textural Properties, and Ex Vivo Skin Permeation Studies**
Yılmaz Usta D., Tuğcu Demiröz F. N., Teksin Z. Ş.
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Vienna, Austria, 11 May 2021
- XXXIV. **Preparation and Characterization of Vaginal Delivery of Voriconazole Loaded Mucoadhesive Organogels**
Keskin G., Saar S., Tuğcu Demiröz F. N.
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (PBP 2021), Vienna, Austria, 11 - 14 May 2021, pp.1
- XXXV. **A different approach to nanofiber drug delivery systems: Nanofiber based tablet formulations**
SAAR S., YILDIZ A., TORT S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
International Eurasian Conference on Biotechnology and Biochemistry, 16 - 18 December 2020
- XXXVI. **A different approach to nanofiber drug delivery systems: Nanofiber based tablet formulations**
SAAR S., YILDIZ A., TORT S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
International Eurasian Conference on Biotechnology and Biochemistry, Ankara, Turkey, 16 - 18 December 2020
- XXXVII. **ISO Kalite Standartları Ve İyi İmalat Uygulamaları (GMP) Kılavuzunun Karşılaştırılmalı Olarak Değerlendirilmesi**
AYAŞ S., TUĞCU DEMİRÖZ F. N.
International Eurasian Conference on Biotechnology and Biochemistry (BioTechBioChem 2020), 16 - 18 December 2020
- XXXVIII. **Preparation and Characterization of Tenofovir Loaded Mucoadhesive Gels for Vaginal Delivery**
Dik Z., SAAR S., TUĞCU DEMİRÖZ F. N.
8th BBBB Conference on Pharmaceutical Sciences, 14 - 16 October 2019
- XXXIX. **Formulation Development Of Orodispersible Film and Evaluation of Disintegration Methods**
Çakmakyapan Ö., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
8th BBBB Conference on Pharmaceutical Sciences, Turkey, 14 - 16 October 2019
- XL. **APPLICATION OF FUSED DEPOSITION MODELING 3D PRINTING IN THE FABRICATION OF EXTENDED RELEASE SOLID DOSAGE FORMS**
GÜLTEKİN H. E., TORT S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019
- XLI. **Development and Characterization of Emulsion/Emulgel Formulations Which Contain Different Oil Phases for Topical Delivery**
Tuğcu Demiröz F. N., Tunçel E., Yılmaz A., Kara A. A., Yetgin C., Ongun M.
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019

- XLII. Development of Benzydamine Loaded Nanofiber Formulations for Vaginal Controlled Drug Release**
TUĞCU DEMİRÖZ F. N., Yıldız A., Kara A. A., TUNÇEL E., SAAR S., ACARTÜRK F.
8th BBBB Conference on Pharmaceutical Sciences, 14 - 16 October 2019
- XLIII. Development of Benzydamine Loaded Nanofiber Formulations For Vaginal Controlled Drug Release**
TUĞCU DEMİRÖZ F. N., YILDIZ A., KARA A. A., TUNÇEL E., SAAR S., ACARTÜRK F.
8th BBBB Conference on Pharmaceutical Sciences, Turkey, 14 - 16 October 2019
- XLIV. Permeability Studies of Nitroimidazole Derivative Antibiotic Loaded Nanofibers**
TUĞCU DEMİRÖZ F. N., TORT S., YILDIZ A., SAAR S., ACARTÜRK F.
19th International Pharmaceutical Technology Symposium-IPTS, Ankara, Turkey, 17 - 19 September 2018
- XLV. Vaginal Permeability Studies of Metronidazole Loaded PVP Nanofibers**
TUĞCU DEMİRÖZ F. N., TORT S., Yıldız A., SAAR S., ACARTÜRK F.
19th International Pharmaceutical Technology Symposium-IPTS, 2018, Turkey, 17 September 2018
- XLVI. Rasagiline Mesylate Loaded In-situ Gel Formulations for Targetting to the Brain via Intranasal Route
1: Development and In-vitro Characterization of Formulations**
TOKSOY M. O., TUĞCU DEMİRÖZ F. N., TIRNAKSIZ F. F.
19th IPTS (International Pharmaceutical Technology Symposium), Antalya, Turkey, 17 - 19 September 2018
- XLVII. Permeability Studies of Nitroimidazole Derivative Antibiotic Loaded Nanofibers**
TUĞCU DEMİRÖZ F. N., TORT S., YILDIZ A., SAAR S., ACARTÜRK F.
19th International Pharmaceutical Technology Symposium-IPTS, 17 - 19 September 2018
- XLVIII. Preparation and Characterization of Nanofibers Containing Ornidazole for Buccal Application**
TORT S., YILDIZ A., TUĞCU DEMİRÖZ F. N., TUNÇEL E., ACARTÜRK F.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XLIX. Development and Evaluation of Extended Release Tablet Formulations of Venlafaxine Hydrochloride**
SAAR S., YILDIZ A., ÜNAL İ. S., ÖZDAL Z. D., OLGAC S., KODAN E., DURAN C., TORT S., TUĞCU DEMİRÖZ F. N.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- L. Preparation And Characterization Of W/ O/ W Double Emulsion Containing Tenofovir**
BEKTAŞ D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
12th International Symposium On Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018
- LI. <http://www.isops-ankara.org/ISOPS12-AbstractBook.pdf>**
YILDIZ A., SAAR S., ÜNAL İ. S., ÖZDAL Z. D., OLGAC S., KODAN E., DURAN C., TORT S., TUĞCU DEMİRÖZ F. N.
12th International Symposium of Pharmaceutical Science, Ankara, Turkey, 26 - 29 June 2018, pp.299-300
- LII. MECHANICAL PROPERTIES AND EX-VIVO SKIN PERMEATION EVALUATIONS OF IBUPROFEN
EMULSION GEL FOR TOPICAL DELIVERY**
YILMAZ USTA D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
ISOPS 2018, Ankara, Turkey, 26 - 29 June 2018
- LIII. Evaluation of Intravaginal Delivery of Polyvinylpyrrolidone-Metronidazole Nanofibers for the
Treatment of Bacterial Vaginosis**
TUĞCU DEMİRÖZ F. N., SAAR S., TORT S., KARA A. A., ACARTÜRK F.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- LIV. Preparation and Characterization of Nanofibers Containing Ornidazole for Buccal Application**
TORT S., YILDIZ A., TUĞCU DEMİRÖZ F. N., TUNÇEL E., ACARTÜRK F.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- LV. Development and Evaluation of Extended Release Tablet Formulations of Venlafaxine Hydrochloride**
SAAR S., Yıldız A., Ünal İ. S., ÖZDAL Z. D., Olgac S., Kodan Akça E., DURAN C., TORT S., TUĞCU DEMİRÖZ F. N.
12th International Symposium on Pharmaceutical Sciences, Turkey, 26 June 2018
- LVI. Histological and Immunohistochemical Evaluation of Nanofiber Wound Dressing in Acute Wound
Healing**
TORT S., TUĞCU DEMİRÖZ F. N., SARIBAŞ G. S., ÖZOĞUL C., ACARTÜRK F.
EUFEBs Annual Meeting 2018, Atina, Greece, 24 - 26 May 2018
- LVII. The Gastrointestinal Lipolysis Model For Self-nanoemulsifying Drug Delivery System Of Tenofovir**
BEKTAŞ D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.

EUFEPS Annual Meeting, Greece, 24 - 26 May 2018

- LVIII. Development And In Vitro Evaluation Of Lipid-base Self-nanoemulsifying Drug Delivery Systems Of Tenofovir**
BEKTAŞ D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
11th World Meeting On Pharmaceutics, Biopharmaceutics And Pharmaceutical Technology, Spain, 19 - 23 March 2018
- LIX. Investigation of the Effect of Collagen/Doxycycline Nanofiber Wound Dressing on Diabetic Wound Healing with Histological and Immunohistochemical Studies**
TORT S., TUĞCU DEMİRÖZ F. N., SARIBAŞ G. S., ÖZOĞUL C., ACARTÜRK F.
11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Spain, 19 March 2018
- LX. Immunohistochemical study of the effect of collagen/doxycycline nanofiber wound dressing in diabetic wound healing**
Tort S., Tuğcu Demiröz F. N., Sarıbaş G. S., Özoğul C., Acartürk F.
11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Granada, Spain, 19 - 22 March 2018, pp.1-2
- LXI. DEVELOPMENT AND CHARACTERIZATION OF LIPOSOMESCONTAINING OVALBUMIN FOR NASAL DELIVERY**
Kaplan M., TUĞCU DEMİRÖZ F. N., ÇELEBİ F. N.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- LXII. DEVELOPMENT OF VALIDATED UV SPECTROPHOTOMETRIC ASSAY OF TENOFOVIR**
Bektaş D., TUĞCU DEMİRÖZ F. N., TEKSİN Z. Ş.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- LXIII. POLYMERIC GELS AS A PROMISING CARRIER FOR VAGINAL DELIVERY: DEVELOPMENT, CHARACTERIZATION AND EX-VIVO MUCOADHESIVE EVALUATION**
TUĞCU DEMİRÖZ F. N., TORT S., İLBASMIŞ TAMER S., ACARTÜRK F.
2nd International Gazi Symposium Series, 11 - 13 October 2017
- LXIV. Mucoadhesion and rheological properties of poly(acrylates) gels for different mucosal drug delivery**
TUĞCU DEMİRÖZ F. N., TORT S., İLBASMIŞ TAMER S., ACARTÜRK F.
7th BBBB International Conference on Pharmaceutical Sciences, Balaton, Hungary, 5 - 07 October 2017
- LXV. Development and In Vivo Evaluation of Nanofiber Wound Dressing for Chronic Wounds**
TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
6th FIPPharmaceutical Sciences World Congress, 21 - 24 May 2017
- LXVI. Mechanical and Rheological Properties of Chitosan Hydrogels as Biomaterials**
TUĞCU DEMİRÖZ F. N., TORT S., İLBASMIŞ TAMER S., ACARTÜRK F.
22nd International Biomedical Science Technology Symposium, 12 - 14 May 2017
- LXVII. Assessment of Mucoadhesion properties of different polymers and mucosal tissues by Texture Analyze**
TUĞCU DEMİRÖZ F. N., TORT S., İLBASMIŞ TAMER S., ACARTÜRK F.
2nd International Conference and Expo on Drug Discovery & Designing, Roma, Italy, 27 - 29 October 2016
- LXVIII. In Vitro and In Vivo Studies on Doxycycline Collagen Co Axial Nanofiber Wound Dressing**
TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 October 2016
- LXIX. Comparison of Mucoadhesion and Permeability Characteristics of Vaginal and Buccal Mucosa**
Küçükongar S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
4th Conference on Innovation in Drug Delivery: Site-Specific Drug Delivery, Antibes, France, 25 - 28 September 2016, pp.55
- LXX. in vitro and in vivo studies on doxycycline collagen co axial nanofiber wound nanofiber wound dressing**
TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
18th international pharmaceutical technology symposium, 18 - 21 September 2016
- LXXI. In Vitro and In Vivo Studies on Doxycycline Collagen Co Axial Nanofiber Wound Dressing**

- TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
18th International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016
- LXXII. **Doksorubisin Salımı İçin Yeni Uyarı Cevap Lipit Nanotüp Jel Kompleks Sistemi**
ÜNSAL H., İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., KALAYCIOĞLU G. D., DEĞİM İ. T., AYDOĞAN N.
12.Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016
- LXXIII. **Evaluation of Mucoadhesion by a Texture Analyzer for Different Polymers and Mucosal Tissues**
TUĞCU DEMİRÖZ F. N., TORT S., İLBASMIŞ TAMER S., ACARTÜRK F.
28th National Chemistry Congress, Mersin, Turkey, 15 - 21 August 2016
- LXXIV. **Synthetic Carbon Nanotube Membranes to Predict Skin Permeability of Compounds**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., DEĞİM İ. T.
28th National Chemistry Congress, Mersin, Turkey, 15 - 21 August 2016
- LXXV. **Effect of doxycycline collagen coaxialnanofibers on oxidative stress in the woundhealing I malondialdehyde and glutathione**
TORT S., oğuz e., özmen t., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
6thWorld Congress ofOxidative Stress,Calcium Signaling andTRP Channels24 - 27 May 2016 Isparta / TURKEYwww.cmos., 24 - 27 May 2016
- LXXVI. **Effect of Doxycycline Collagen Coaxial Nanofibers on Wound Healing I Malondialdehyde and Glutathione Levels**
TORT S., Oğuz E., Özmen T., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Isparta, Turkey, 24 - 27 May 2016
- LXXVII. **Effect of doxycycline collagen coaxial nanofibers on oxidative stress in the wound healing I Malondialdehyde and glutathione levels**
TORT S., OĞUZ E., ÖZMEN T., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
6. Oksidatif Stres, Kalsiyum Sinyali ve TRP Kanalları Dünya Kongresi, 24 - 27 May 2016
- LXXVIII. **Effect of Doxycycline Collagen Coaxial Nanofibers on Wound Healing**
TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
26th Conference of the European Wound Management Association, Bremen, Germany, 11 - 13 May 2016
- LXXIX. **Effect of Doxycycline Collagen Coaxial Nanofibers on Wound Closure Rate**
TORT S., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., ACARTÜRK F.
26th conference of European Wound Management Association, EWMA 2016, 11 - 13 May 2016
- LXXX. **Evaluation Of Rheological And Textural Properties Of Toothpastes**
TOKSOY M. O., TUĞCU DEMİRÖZ F. N., TIRNAKSIZ F. F.
GPSS International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.27
- LXXXI. **Penetration Properties of Dexketoprofen From Synthetic Carbon Nanotube Membrane**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., DEĞİM İ. T.
GPSS International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.75
- LXXXII. **Investigation of Mucoadhesive Gel and Liposome Formulations for Nasal Delivery of Ovalbumin An In Vitro Evaluation Using Texture Analyzer**
KAPLAN M., TUĞCU DEMİRÖZ F. N., ÇELEBİ F. N.
GPSS International Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.29
- LXXXIII. **Studies on Collagen Doxycycline Nanofibers Prepared by Coaxial Electrospinning Method I Effect of Collagen Concentration**
TORT S., TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
AAPS Annual Meeting, Orlando, Fla, 23 - 29 October 2015
- LXXXIV. **Self Assembled Doxorubicin Containing Lipid Nanotubes for Intracolonic Administrations**
İLBASMIŞ TAMER S., ÜNSAL H., TUĞCU DEMİRÖZ F. N., KALAYCIOĞLU G. D., DEĞİM İ. T., AYDOĞAN N.
AAPS Annual Meeting, Orlando, Fla, United States Of America, 23 - 29 October 2015
- LXXXV. **Carbon Nanotube Membrane To Study Skin Penetration Of Compounds**
İLBASMIŞ TAMER S., TUĞCU DEMİRÖZ F. N., DEĞİM İ. T.
ISOPS 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015, pp.174-175
- LXXXVI. **Validation of Phenol Red Method for Water Reabsorption Process in Doluisio's Absorption**

Technique

TUĞCU DEMİRÖZ F. N., Gonzalez Alvarez I., Gonzalez Alvarez M., Bermejo M.

9th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Lizbon, Portugal, 31 March - 03 April 2014

- LXXXVII. **Evaluation of the Cytotoxicity and Antiviral Effect of Cidofovir in Long-Acting Vaginal Bioadhesive Gel: In Vitro Study on BHV-1 Virus Using VERO Cell Line**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., ÖZKUL A.
AAPS Annual Meeting and Exposition, San-Antonio, Northern Mariana Islands, 10 - 14 November 2013, pp.6129
- LXXXVIII. **Development of Bioadhesive Vaginal Gels of Oxybutynin: Ex-vivo and In-vivo Evaluations**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
5th World Conference of Drug Absorption and Delivery (WCDATD): Responding to Challenging Situations, Uppsala, Sweden, 24 - 26 June 2013, pp.81
- LXXXIX. **Investigation of the effect of intracolonic melatonin gel formulation on acetic acid induced colitis**
ACARTÜRK F., Esiringü F., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., Bircan F., Kılıçarslan S. M.
9th Central European Symposium on Pharmaceutical Technology, Dubrovnik, Croatia, 20 - 22 September 2012
- XC. **In Vitro Determination of Disintegration Time Of Orally Disintegrating Tablets Using a New Method**
TORT S., TUĞCU DEMİRÖZ F. N., YALÇIN T. E., Cin Ş., ÇELEBİ F. N.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.257
- XCI. **Development of Colon-Specific Melatonin-Sodium Alginate Gel Formulations: In Vitro Evaluations**
Esiringü F., ACARTÜRK F., TUĞCU DEMİRÖZ F. N.
3rd PHARMSCIFAIR, Pharmaceutical Sciences for the Future of Medicines, Prague, Czech Republic, 13 - 17 June 2011, pp.204
- XCII. **Development of colon-Specific Melatonin-Sodium Alginate Gel Formulations: I. In Vitro Evaluations**
ESİRİNGÜ F., ACARTÜRK F., TUĞCU DEMİRÖZ F. N.
3rd PharmSciFair, Pharmaceutical Sciences for the Future of Medicines, Prag, Czech Republic, 13 - 17 June 2011
- XCIII. **Evaluation of Mucoadhesive Gels Loaded With Cidofovir-Chitosan Microspheres for Vaginal Administration**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
10th International Conference of the European Chitin Society, St Petersburg, Russia, 20 - 24 May 2011, pp.80
- XCIV. **Development of Chitosan Scaffolds For Periodontal Tissue Engineering**
Hizmetli B., TUĞCU DEMİRÖZ F. N., PURALI N., ŞENEL S.
10th International Conference of the European Chitin Society, St Petersburg, Russia, 20 - 24 May 2011, pp.111
- XCIV. **Bioadhesive Microsphere-Gels for Vaginal Cidofovir Delivery**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
FIP Pharmaceutical Sciences 2010 World Congress in Association with the AAPS Annual Meeting and Exposition, New Orleans, Louisiana, United States Of America, 14 - 18 November 2010
- XCVI. **Chitosan Based Scaffolds In Tissue Engineering**
Hizmetli B., Simon C., TUĞCU DEMİRÖZ F. N., ŞENEL S.
15th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 13 - 15 September 2010, pp.132
- XCVII. **Formulation Studies of Oxybutynin Mucoadhesive Liposomal Gel Formulations For Vaginal Administration**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
70th FIP World Congress of Pharmacy/Pharmaceutical Sciences, Lisbon, Portugal, 28 August - 02 September 2010
- XCVIII. **Texture Profile Analysis of Bioadhesive Vaginal Gels**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
International Postgraduate Student Meeting on Pharmaceutical Sciences (IPSMPS), Çeşme, İzmir, Turkey, 24 - 27 June 2010, pp.44
- XCIX. **Liposomal Gels For Vaginal Drug Delivery of Cidofovir**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
3rd BBBB-Bosphorus International Conference on Pharmaceutical Sciences, Antalya, Turkey, 26 - 28 October 2009, pp.52

- C. **Characterisation and In Vitro Evaluation of Bioadhesive Liposome Gels of Cidofovir**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
69th International Congress of FIP, İstanbul, Turkey, 3 - 08 September 2009, pp.7
- CI. **Characterization and In Vitro Evaluation of Bioadhesive Liposome Gels of Cidofovir**
ACARTÜRK F., TUĞCU DEMİRÖZ F. N.
69th International Congress of FIP, 3 - 08 September 2009
- CII. **Development and In Vitro Evaluation of a Liposomal Vaginal Delivery System For Oxybutynin**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
36th Annual Meeting & Exposition of the Controlled Release Society, Copenhagen, Denmark, 18 - 22 July 2009, pp.809
- CIII. **Investigation of Mucoadhesive Properties of Vaginal Gel Formulations: An In Vitro Evaluation Using Texture Analyzer**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
2th Pharmaceuticals Sciences Fair & Exhibition, Nice, France, 8 - 12 June 2009, pp.138
- CIV. **Controlled Release of Cidofovir From Bioadhesive Vaginal Chitosan Gel**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
14th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 6 - 10 September 2008, pp.30
- CV. **Preparation of Controlled Release Oxybutynin Containing Bioadhesive Vaginal Gel**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F.
6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, Spain, 7 - 10 April 2008, pp.267
- CVI. **In Vitro and In Vivo evaluation of Guar Gum-Based Colon specific Dosage Forms of Theophylline**
Celkan A., ACARTÜRK F., GÖKÇORA N., TUĞCU DEMİRÖZ F. N., ESEN D. B., GÜNER A. L.
1st Pharmaceuticals Sciences Fair & Exhibition, Nice, France, 12 - 17 June 2005
- CVII. **In vitro and In vivo Evaluation of Gaur Gum-Based Colon Specific Dosage Forms of Theophylline**
CELKAN A., ACARTÜRK F., GÖKÇORA N., TUĞCU DEMİRÖZ F. N., ESEN B., LEMAN G.
Pharmaceutical Sciences Fair Exhibition, Nice, France, 12 - 17 June 2005
- CVIII. **Stability Tests of 5-Aminosalicylic Acid Containing Solutions and Colon Specific Tablets**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., DEĞİM İ. T.
12th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 12 - 15 September 2004, pp.171
- CIX. **Preparation of Controlled Release Sildenafil Containing Vaginal Systems**
TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S., DEĞİM İ. T., ACARTÜRK F.
12th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 12 - 15 September 2004, pp.249
- CX. **Preperation of Controlled Release Sildenafil Containing Vaginal Systems 12 International Pharmaceutical Technology Symposium 12 15 September 2004 İstanbul Turkey Abstract p 249**
TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S., DEĞİM İ. T., ACARTÜRK F.
12. International Pharmaceutical Technology Symposium, 12 - 15 September 2004
- CXI. **Vaginal Controlled Release Sildenafil Tablets**
ACARTÜRK F., DEĞİM İ. T., TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S.
1st EUFEPS Conference on Optimising Drug Delivery and Formulation: New Challenges in Drug Delivery, Versailles, France, 29 September - 01 October 2003, pp.150
- CXII. **Vaginal Controlled Release Sildenafil Tablets 1st EUFEPS Conference on Optimising Drug Delivery and Formulation New Challenges in Drug Delivery September 29 October 1 2003 Versailles France Abstract p 150**
ACARTÜRK F., DEĞİM İ. T., TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S.
1st EUFEPS Conference on Optimising Drug Delivery and Formulation: New Challenges in Drug Delivery, 29 September - 01 October 2003
- CXIII. **Simultaneous Determination of Paracetamol and Chlorzoxazone in Pharmaceutical Preparations by Second Order UV-Derivative Spectrometry and Drug Dissolution Studies**
Demircigil T., TUĞCU DEMİRÖZ F. N., Sayar E., Ceyhan T., Cevheroğlu Ş.
7th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 24 - 27 June 2003, pp.172

- CXIV. In vitro and in vivo evaluation of colon specific guar gum matrix tablets of mesalamine**
Acartürk F., TUĞCU DEMİRÖZ F. N., Takka S., Konus Ö. L.
7th European Symposium on Controlled Drug Delivery, NOORDWIJK AAN ZEE, Netherlands, 3 - 05 April 2002, vol.87, pp.255-258
- CXV. Investigation of the Colon- Specific Matrix Tablets of Ondansetron With Natural Polymers**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., TAKKA S.
11th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 9 - 11 September 2002, pp.208
- CXVI. Dissolution and Assaying of Multicomponent Tablets by Chemometric Methods Using Computer-Aided Spectrophotometer**
DİNÇ E., Serin C., TUĞCU DEMİRÖZ F. N., DOĞANAY T.
International Symposium on Scientific and Regulatory Aspects of Dissolution and Bioequivalence, Athens, Greece, 12 - 14 April 2002, pp.200
- CXVII. In-vivo Evaluation of Colon-Specific Matrix Tablets with Mesalamine and Sodium Alginate in Healthy Volunteers**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., TAKKA S., BOYUNAGA Ö. L.
Proc.4th World Meeting, APGI, Florence, Italy, 8 - 11 April 2002, pp.99-100
- CXVIII. Investigation of the Colon-Specific Dosage Forms using Sodium Alginate**
TUĞCU DEMİRÖZ F. N., ACARTÜRK F., TAKKA S.
61st International Congress of FIP, Singapore, Singapore, 1 - 06 September 2001, pp.81

Supported Projects

Coşkun Cevher Ş., Gürsoy E. N., Şener K., Külahcı M. B., Balabanlı K. B., Tuğcu Demiröz F. N., Börekçi B., Project Supported by Higher Education Institutions, Morin ve Hesperidin ile Zenginleştirilmiş Yeni Nesil Doğala Özdeş Selüloz Bazlı Yara Örtüsünün Geliştirilmesi, 2024 - 2027

TUĞCU DEMİRÖZ F. N., SAAR S., Turgut Y., YURDAKÖK DİKMEN B., Yıldız A., Project Supported by Higher Education Institutions, İnflamatuvar Barsak Hastalığının Tedavisi İçin Hidrokortizon İçeren Nanolif Formülasyonlarının Geliştirilmesi ve İn Vitro Değerlendirilmesi, 2021 - 2023

Tuğcu Demiröz F. N., Coşkun Cevher Ş., Taştan H., Acartürk F., SAAR S., Project Supported by Higher Education Institutions, Kombine Antiretroviral İlaç İçeren Vajinal Formülasyonların Geliştirilmesi ve İn-Vitro İn-Vivo Değerlendirilmesi, 2020 - 2022

COŞKUN CEVHER Ş., TUĞCU DEMİRÖZ F. N., Alver E. N., Project Supported by Higher Education Institutions, Elajik asit ve karnosik asit uygulamasının yara iyileşmesi üzerine etkisi, 2020 - 2022

TUĞCU DEMİRÖZ F. N., Project Supported by Higher Education Institutions, Ultra Saf Su Cihazı, 2020 - 2021

Acartürk F., Tort S., Tuğcu Demiröz F. N., Gültekin H. E., TUBITAK Project, 3D Baskılama Tekniği ile İlaç Formülasyonlarının Hazırlanmasına Yönelik Çalışmalar, 2018 - 2020

Tuğcu Demiröz F. N., İlbasmış Tamer S., Acartürk F., TUBITAK Project, Jel Tipi İlaç Şekillerinin Farklı Dokulardaki Mukoadhezif Özelliklerinin Değerlendirilmesi, 2016 - 2018

ACARTÜRK F., TUĞCU DEMİRÖZ F. N., COŞKUN CEVHER Ş., TUBITAK Project, Kronik Yara Tedavisinde Etkili, Elektro-Çekim Tekniği ile Hazırlanmış Nanolif Yara Örtülerinin Geliştirilmesi, 2014 - 2017

TUĞCU DEMİRÖZ F. N., İLBASMIŞ TAMER S., TUBITAK Project, Etkin Maddelerin Deriden Geçiste Permeabilite Katsayılarının Tahmin Edilmesi İçin Sentetik Membran Gelistirilmesi, 2014 - 2016

TUĞCU DEMİRÖZ F. N., ACARTÜRK F., TUBITAK Project, Kontrollü Salım yapan Biyoadeziv Vajinal İlaç Şekilleri Üzerinde Çalışmalar, 2005 - 2008

ACARTÜRK F., TUĞCU DEMİRÖZ F. N., Project Supported by Higher Education Institutions, Kolona hedeflenmiş ilaç şekilleri üzerindeki çalışmalar, 2001 - 2002

TUĞCU DEMİRÖZ F. N., ACARTÜRK F., TUBITAK Project, Doğal Polimerler Kullanılarak Kolona Hedeflendirilmiş İlaç Şekillerinin Geliştirilmesi, 1999 - 2001

Memberships / Tasks in Scientific Organizations

TÜRK FARMASÖTİK TEKNOLOJİ ARAŞTIRMACILARI DERNEĞİ, Board Member, 2019 - Continues, Turkey
Farmasötik Bilimler Ankara Derneği (FABAD), Member, 2000 - Continues, Turkey
TÜRK FARMASÖTİK TEKNOLOJİ ARAŞTIRMACILARI DERNEĞİ, Member, 2000 - Continues, Turkey
FARMASÖTİK BİLİMLER ANKARA DERNEĞİ (FABAD) YÖNETİM KURULU ÜYELİĞİ, Board Member, 2016 - 2018, Turkey

Peer Reviews in Scientific Publications

MATERIALS AND DESIGN, National Scientific Refreed Journal, December 2022
DRUG DELIVERY, National Scientific Refreed Journal, November 2022
JOURNAL OF PERSONALIZED MEDICINE, National Scientific Refreed Journal, November 2022
MATERIALS AND DESIGN, National Scientific Refreed Journal, October 2022
Journal of Faculty of Pharmacy of Ankara University, Other Indexed Journal, October 2022
DRUG DELIVERY, National Scientific Refreed Journal, October 2022
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, National Scientific Refreed Journal, October 2022
DRUG DELIVERY, National Scientific Refreed Journal, September 2022
INTERNATIONAL JOURNAL OF GENERAL MEDICINE, National Scientific Refreed Journal, July 2022
PHARMACEUTICS, National Scientific Refreed Journal, July 2022
CURRENT DRUG DELIVERY, National Scientific Refreed Journal, May 2022
GELS, National Scientific Refreed Journal, May 2022
DRUG DELIVERY, National Scientific Refreed Journal, May 2022
DRUG DELIVERY, National Scientific Refreed Journal, April 2022
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, National Scientific Refreed Journal, April 2022
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, SCI Journal, June 2021
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, SCI Journal, June 2021
INTERNATIONAL JOURNAL OF PHARMACEUTICS, SCI Journal, June 2021
SAUDI PHARMACEUTICAL JOURNAL, SCI Journal, March 2021
RECENT PATENTS ON DRUG DELIVERY AND FORMULATION, SCI Journal, March 2021
ACS APPLIED MATERIALS & INTERFACES, SCI Journal, February 2021
DRUG DELIVERY, SCI Journal, November 2020
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, Journal Indexed in ESCI, August 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, July 2020
JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY, SCI Journal, June 2020
IRANIAN POLYMER JOURNAL, SCI Journal, June 2020
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, SCI Journal, April 2020
Journal of Research in Pharmacy, Journal Indexed in ESCI, January 2020

Scientific Project Refereeing

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, October 2022
TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, April 2022

Metrics

Publication: 187
Citation (WoS): 575
Citation (Scopus): 675

H-Index (WoS): 15

H-Index (Scopus): 16

Invited Talks

Majistral İlaç Şekillerinin Sınıflandırılması , Conference, TÜRK ECZACILAR BİRLİĞİ, Turkey, November 2022

Scholarships

Yurt Dışı Doktora Sonrası Araştırma Bursu-BİDEB 2219 desteği ile Department of Engineering, Area of Pharmacy and Pharmaceutical Technology, Miguel Hernández University, 03550 Sant Joan d'Alacant, Alicante, Spain, TUBİTAK, 2013 - 2013

Awards

Karapınar I., Doğan A., Gürbüz S., Tuğcu Demiröz F. N., Yiğman Z., Ömeroğlu S., Colgate International Scientific Research Second Prize/Comparison of the Effect of Local Application of Strontium Ranelate on Bone Regeneration with BMP-2, Türk Periodontoloji Derneği, September 2023

Saar S., Tuğcu Demiröz F. N., Best Poster Presentation Award, 20Th International Pharmaceutical Technology Symposium , February 2022

Non Academic Experience

Department of Engineering, Area of Pharmacy and Pharmaceutical Technology, Miguel Hernández University, 03550 Sant Joan d'Alacant, Alicante, Spain., Araştırmacı