

Assoc. Prof. BURCU DEVRİM GÖKBERK

Personal Information

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International Researcher IDs

ORCID: 0000-0002-9238-259X

ScopusID: 15845079600

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2003 - 2009

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İnterlökin-2 içeren ilaç taşıyıcı sistemlerin inhalasyon formülasyonlarına yönelik çalışmalar, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2009

Postgraduate, Modifiye Salm Yapan İbuprofen Mikrokürelerinin Süspansiyon Formlarının Oluşturulmasına Yönelik Çalışmalar, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2003

Research Areas

Pharmaceutical Biotechnology, Pharmaceutical Technology

Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - Continues

Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2014 - 2017

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2002 - 2014

Academic and Administrative Experience

University Executive Board Member, Ankara University, 2016 - Continues

Vice Dean, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - 2022

Courses

FARMASÖTİK TEKNOLOJİ III (TEORİK), Undergraduate, 2016 - 2017, 2015 - 2016
PARTİKÜLER İLAÇ ŞEKİLLERİ TEKNOLOJİSİ (TEORİK), Doctorate, 2016 - 2017, 2015 - 2016
ARAŞTIRMA PROJESİ DERSİ (UYGULAMA), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
BİYOTEKNOLOJİK KÖKENLİ FARMASÖTİK ÜRÜNLER VE FORMÜLASYON TASARIMI, Undergraduate, 2016 - 2017, 2015 - 2016
FARMASÖTİK TEKNOLOJİ III (UYGULAMA), Undergraduate, 2016 - 2017, 2015 - 2016
ARAŞTIRMA PROJESİ DERSİ (TEORİK), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015
Farmasötik Teknoloji IV (Teorik), Undergraduate, 2015 - 2016, 2014 - 2015
Farmasötik Teknoloji IV (Uygulama) , Undergraduate, 2015 - 2016, 2014 - 2015
İlaç Üretim ve Kontrolünde Kullanılan Cihazlar (Teorik), Postgraduate, 2015 - 2016, 2014 - 2015
İlaç Şekilleri ve Tıbbi Malzeme (Teorik), Associate Degree, 2015 - 2016, 2014 - 2015
İlaç Şekilleri ve Tıbbi Malzeme (Uygulama), Associate Degree, 2015 - 2016, 2014 - 2015
İlaç Üretim ve Kontrolünde Kullanılan Cihazlar (Uygulama), Postgraduate, 2015 - 2016, 2014 - 2015
Peptid ve Proteinlerde Dozaj Şekli Tasarımı (Teorik), Postgraduate, 2015 - 2016
Farmasötik Teknoloji I (Uygulama), Undergraduate, 2014 - 2015
Peptid ve Proteinlerde Dozaj Şekli Tasarımı (Teorik), Postgraduate, 2014 - 2015

Advising Theses

Devrim Gökberk B., LİZOZİM İÇEREN MİKROPARTİKÜLLERİN İNHALASYON FORMÜLASYONLARININ HAZIRLANMASI VE DEĞERLENDİRİLMESİ, Postgraduate, N.ERDİNÇ(Student), 2022
DEVİRİM GÖKBERK B., Preparation and evaluation of polymeric nanoparticles for oral insulin delivery, Postgraduate, B.ARPAÇ(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design and in vitro/in vivo Evaluation of Polyelectrolyte Complex Nanoparticles Filled in Enteric-Coated Capsules for Oral Delivery of Insulin**
Arpaç B., DEVİRİM GÖKBERK B., KÜÇÜKTÜRKMEN B., ÖZAKCA GÜNDÜZ I., PALABIYIK İ. M., BOZKIR A.
Journal of Pharmaceutical Sciences, vol.112, no.3, pp.718-730, 2023 (SCI-Expanded)
- II. **Design, Optimization, and Characterization of Lysozyme-Loaded Poly(epsilon-Caprolactone) Microparticles for Pulmonary Delivery**
DEVİRİM GÖKBERK B., Erdinc N.
JOURNAL OF PHARMACEUTICAL INNOVATION, vol.18, no.1, pp.325-338, 2023 (SCI-Expanded)
- III. **Delivery of doxorubicin loaded P18 conjugated-poly (2-ethyl-oxazoline)-DOPE nanoliposomes for targeted therapy of breast cancer**
Bolat Z. B., Nezir A. E., DEVİRİM GÖKBERK B., Zemheri E., Gulyuz S., Ozkose U. U., Yilmaz O., BOZKIR A., TELCİ D., ŞAHİN F.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.428, 2021 (SCI-Expanded)
- IV. **Development of Zoledronic Acid Containing Biomaterials for Enhanced Guided Bone Regeneration**
KÜÇÜKTÜRKMEN B., ÖZ U. C., Toptas M., DEVİRİM GÖKBERK B., SAKA O. M., Bilgili H., Deveci M. S., ÜNSAL E., BOZKIR A.
JOURNAL OF PHARMACEUTICAL SCIENCES, vol.110, no.9, pp.3200-3207, 2021 (SCI-Expanded)
- V. **Synthesis, biocompatibility and gene encapsulation of poly(2-Ethyl 2-Oxazoline)-dioleoyl phosphatidylethanolamine (PEtOx-DOPE) and post-modifications with peptides and fluorescent dye coumarin**
Gulyuz S., Bayram D., Ozkose U. U., Bolat Z. B., Kocak P., SAKA O. M., DEVİRİM GÖKBERK B., PARLAK KHALİLY M.,

TELCİ D., ŞAHİN F., et al.

INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.70, no.14, pp.981-993, 2021 (SCI-Expanded)

- VI. **Design and evaluation of peptide-18-targeted nanoliposomes constructed by poly(2-oxazoline)-DOPE for doxorubicin delivery**
DEVRİM GÖKBERK B., Bolat Z. B., TELCİ D., ŞAHİN F., Gulyuz S., Ozkose U. U., Yilmaz O., BOZKIR A.
JOURNAL OF MICROENCAPSULATION, vol.38, no.5, pp.285-297, 2021 (SCI-Expanded)
- VII. **Guided bone regeneration by the development of alendronate sodium loaded in-situ gel and membrane formulations**
ÖZ U. C., Toptas M., KÜÇÜKTÜRKMEN B., DEVRİM GÖKBERK B., SAKA O. M., Deveci M. S., Bilgili H., ÜNSAL E., BOZKIR A.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.155, 2020 (SCI-Expanded)
- VIII. **Central Composite Design for Optimization of Zoledronic Acid Loaded PLGA Nanoparticles**
SAKA O. M., ÖZ U. C., KÜÇÜKTÜRKMEN B., DEVRİM GÖKBERK B., BOZKIR A.
JOURNAL OF PHARMACEUTICAL INNOVATION, vol.15, no.1, pp.3-14, 2020 (SCI-Expanded)
- IX. **Development and Optimization of Alendronate Sodium Loaded PLGA Nanoparticles by Central Composite Design**
ÖZ U. C., KÜÇÜKTÜRKMEN B., DEVRİM GÖKBERK B., SAKA O. M., BOZKIR A.
MACROMOLECULAR RESEARCH, vol.27, no.9, pp.857-866, 2019 (SCI-Expanded)
- X. **Design of ciprofloxacin-loaded nano-and microcomposite particles for dry powder inhaler formulations: preparation, in vitro characterisation, and antimicrobial efficacy**
Topal G. R., DEVRİM GÖKBERK B., ERYILMAZ M., BOZKIR A.
JOURNAL OF MICROENCAPSULATION, vol.35, no.6, pp.533-547, 2018 (SCI-Expanded)
- XI. **Nanocarriers and Their Potential Application as Antimicrobial Drug Delivery**
DEVRİM GÖKBERK B., BOZKIR A.
NANOSTRUCTURES FOR ANTIMICROBIAL THERAPY, pp.169-202, 2017 (SCI-Expanded)
- XII. **Co-delivery of pemetrexed and miR-21 antisense oligonucleotide by lipid-polymer hybrid nanoparticles and effects on glioblastoma cells**
KÜÇÜKTÜRKMEN B., DEVRİM GÖKBERK B., SAKA O. M., Yilmaz S., Arsoy T., BOZKIR A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.43, no.1, pp.12-21, 2017 (SCI-Expanded)
- XIII. **Lysozyme-loaded lipid-polymer hybrid nanoparticles: preparation, characterization and colloidal stability evaluation**
DEVRİM GÖKBERK B., KARA A., VURAL İ., Bozkiir A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.42, no.11, pp.1865-1876, 2016 (SCI-Expanded)
- XIV. **Development of reconstitutable suspensions containing diclofenac sodium-loaded microspheres for pediatric delivery**
ÖZ U. C., DEVRİM GÖKBERK B., BOZKIR A., Canefe K.
JOURNAL OF MICROENCAPSULATION, vol.32, no.4, pp.317-328, 2015 (SCI-Expanded)
- XV. **FAST DETERMINATION OF DIPHENHYDRAMINE HYDROCHLORIDE IN RECONSTITUTABLE SYRUPS BY CWT, PLS AND PCR METHODS**
DEVRİM GÖKBERK B., DİNÇ E., BOZKIR A.
ACTA POLONIAE PHARMACEUTICA, vol.71, no.5, pp.721-729, 2014 (SCI-Expanded)
- XVI. **Preparation and in vitro evaluation of surface-modified poly (lactide-co-glycolide) microparticles as biodegradable drug carriers for pulmonary peptide and protein delivery**
DEVRİM GÖKBERK B., BOZKIR A.
JOURNAL OF MICROENCAPSULATION, vol.31, no.4, pp.355-362, 2014 (SCI-Expanded)
- XVII. **Preparation and evaluation of double-walled microparticles prepared with a modified water-in-oil-in-oil-in-water (w(1)/o/o/w(3)) method**
DEVRİM GÖKBERK B., BOZKIR A.
JOURNAL OF MICROENCAPSULATION, vol.30, no.8, pp.741-754, 2013 (SCI-Expanded)
- XVIII. **Preparation and evaluation of poly(lactic-co-glycolic acid) microparticles as a carrier for pulmonary**

delivery of recombinant human interleukin-2: II. In vitro studies on aerodynamic properties of dry powder inhaler formulations

DEVİRİM GÖKBERK B., BOZKIR A., Canefe K.

DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.37, no.11, pp.1376-1386, 2011 (SCI-Expanded)

XIX. FORMULATION AND EVALUATION OF RECONSTITUTABLE SUSPENSIONS CONTAINING IBUPROFEN-LOADED EUDRAGIT MICROSPHERES

DEVİRİM GÖKBERK B., BOZKIR A., Canefe K.

ACTA POLONIAE PHARMACEUTICA, vol.68, no.4, pp.593-599, 2011 (SCI-Expanded)

XX. Preparation and evaluation of PLGA microparticles as carrier for the pulmonary delivery of rhIL-2: I. Effects of some formulation parameters on microparticle characteristics

DEVİRİM GÖKBERK B., BOZKIR A., Canefe K.

JOURNAL OF MICROENCAPSULATION, vol.28, no.6, pp.582-594, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of surfactant types and concentrations on levofloxacin-loaded PLGA microparticles for pulmonary delivery – An in vitro study**
İmamoğlu S., DEVİRİM GÖKBERK B., ERYILMAZ M., BOZKIR A.
Journal of Research in Pharmacy, vol.26, no.5, pp.1156-1176, 2022 (ESCI)
- II. **Current Approaches in Pulmonary Arterial Hypertension Treatment**
Yıldız C., Devrim Gökberk B.
ANKARA UNIVERSİTESİ ECZACILIK FAKÜLTESİ DERGİSİ, vol.45, no.2, pp.379-399, 2021 (Scopus)
- III. **Regulatory Aspects of Vaccines**
ŞENEL S., DERİCİ M. K., DEVİRİM B.
Fabad Journal of Pharmaceutical Sciences, vol.45, no.2, pp.153-160, 2020 (Scopus)
- IV. **IN-VITRO ANTIBACTERIAL ACTIVITY OF LACTOBACILLI METABOLITES LOADED HYDROGEL FORMULATIONS AGAINST PSEUDOMONAS AERUGINOSA**
GÜRPINAR S. S., DEVİRİM B., ERYILMAZ M.
Universal Journal of Pharmaceutical Research, vol.4, no.4, pp.10-12, 2019 (Peer-Reviewed Journal)
- V. **Design and Evaluation of Hydrophobic Ion Pairing Complexation of Lysozyme with Sodium Dodecyl Sulfate for Improved Encapsulation of Hydrophilic Peptides Proteins by Lipid Polymer Hybrid Nanoparticles**
DEVİRİM B., BOZKIR A.
Journal of Nanomedicine and Nanotechnology, vol.6, no.1, pp.1-5, 2015 (Peer-Reviewed Journal)
- VI. **Preparation and Characterization of Protein loaded Lipid polymer Hybrid Nanoparticles with Polycaprolactone as Polymeric Core Material**
DEVİRİM B., BOZKIR A.
Biomolecular Research & Therapeutics, vol.3, no.3, pp.1-4, 2014 (Peer-Reviewed Journal)
- VII. **Midede Kalış Süresini Uzatan İlaç Şekilleri**
DEVİRİM B., CANEFE K.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.35, no.1, pp.69-94, 2006 (Scopus)

Books & Book Chapters

- I. **Kübozomlar ve Eczacılıktaki Uygulamaları**
Devrim Gökberk B.
in: Eczacılıkta Yenilikler 3, Gülbin Özçelikay, İlkey Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.339-347, 2020
- II. **Aşı Uygulama Yolları**
Devrim Gökberk B., Bozkır A.

in: Aşı: Akademik, Endüstriyel ve Resmi Otorite Yönüyle, Sevda Şenel, Mehmet Kürşat Derici, Editor, Hipokrat Yayınevi, Ankara, pp.53-59, 2019

III. Aşı ile İlgili Yasal Düzenlemeler

Devrim Gökberk B., Derici M. K., Şenel S.

in: Aşı: Akademik, Endüstriyel ve Resmi Otorite Yönüyle, Sevda Şenel, Kürşat Derici, Editor, Hipokrat Yayınevi, Ankara, pp.53-59, 2019

IV. Biyolojik ve Biyoteknolojik Ürünler Çalışma Grubu (Analiz Yöntemleri-Konak Hücre Protein Tayini İşlemleri)

ŞENEL S., BOZKIR A., ÖNER A. F., KARAAĞAOĞLU A. E., KANTARCI A. G., VURAL İ., ALPAR C. R., GÜRSOY R. N., bilge dağalap s., GÜRHAN S. İ., et al.

in: Türk Farmakopesi 2017, Türkiye İlaç ve Tıbbi Cihaz Kurumu Yayın Komisyonu (Dr. Ali Alkan, Eray Kaplan, Oğuzhan Koyuncu, Selin Ergün Ayan, Editor, T.C. Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu, Artı 6 Matbaa Ltd. Sti., Ankara, pp.267-272, 2018

V. Biyolojik ve Biyoteknolojik Ürünler Çalışma Grubu (Aşılar-Hemofilus tip b konjuge aşısı)

DEMİR DORA D., ŞENEL S., BOZKIR A., ÖNER A. F., DAĞALAP S. B., KARAAĞAOĞLU A. E., KANTARCI A. G., VURAL İ., ALPAR C. R., GÜRSOY R. N., et al.

in: Türk Farmakopesi 2017, Türkiye İlaç ve Tıbbi Cihaz Kurumu Yayın Komisyonu (Dr. Ali Alkan, Eray Kaplan, Oğuzhan Koyuncu, Selin Ergün Ayan), Editor, Türkiye İlaç ve Tıbbi Cihaz Kurumu Artı 6 Matbaa Ltd. Sti, Ankara, pp.1127-1129, 2018

VI. Nanocarriers and Their Potential Application as Antimicrobial Drug Delivery

Devrim Gökberk B., Bozkır A.

in: Multi-Volume SET-Nanostructures in Therapeutic Medicine, Alexandru Mihai Grumezescu, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.169-202, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Ankara Üniversitesi Eczacılık Fakültesi Öğrencilerinin ve Mezunlarının İhtiyaçlarının Analizi

DEVİRİM GÖKBERK B., SELÇUK A., BOZKIR A.

ECZAKDER III. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 17 - 19 November 2021

II. Polyelectrolyte Complex Nanoparticles-Filled Enteric-coated Capsules for Oral Insulin Delivery

Devrim Gökberk B., Arpaç B., Küçüktürkmen B., Özakça Gündüz I., Bozkır A.

13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.29-30

III. Preparation and Evaluation of Lysozyme Loaded Polycaprolactone Microparticles using the Full Factorial Design

Devrim Gökberk B., Erdiñ N.

13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.153-154

IV. Development and in vitro/in vivo evaluation of a gelling system comprising bisphosphonate loaded plga nanoparticles for guided bone regeneration

ÖZ U. C., KÜÇÜKTÜRKMEN B., topbaş m., SAKA O. M., DEVİRİM B., DEVECİ M. S., ÜNSAL E., BOZKIR A.

8th BBBB international Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019

V. Comparison of the Antibacterial Activity of Vaginal Lactobacilli Metabolites Loaded Hydrogel Formulations

GÜRPINAR S. S., DEVİRİM B., ERYILMAZ M.

International Multidisciplinary Symposium on Drug Research and Development, Turkey, 1 - 03 July 2019

VI. ESTIMATION AND PREPARATION OF DRY POWDER INHALER FORMULATIONS THAT CONSISTING OF CIPROFLOXACIN HCL LOADED NANO AND MICROCOMPOSITE PARTICLES FOR PULMONARY ADMINISTRATION

TOPAL G. R., DEVİRİM B., ERYILMAZ M., BOZKIR A.

12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018

VII. Factorial Design and Development of PLGA Microparticles for Protein Delivery System

yurtoğlu k., arslan a., özhan g., DEVRİM B., NEMUTLU E., SAKA O. M., BOZKIR A.

12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

- VIII. **Nanocarrier-mediated co-delivery of pemetrexed and miR-21 antisense oligonucleotide for glioblastoma treatment**
KÜÇÜKTÜRKMEN B., SAKA O. M., DEVRİM B., YILMAZ Ş., ARSOY T., BOZKIR A.
GPSS 2017, Ankara, Turkey, 11 - 13 October 2017
- IX. **BikDD and Doxorubicin Delivery to AU565 Breast Cancer Cell line by Targeted Lipid Based Nanovesicles**
BOLAT Z. B., DEVRİM B., SAKA O. M., gülyüz s., YILMAZ Ö., BOZKIR A., TELCİ TEMELTAŞ D., ŞAHİN F.
2nd International conference on Cancer Research and Targeted Therapy, MÍAMÍ, United States Of America, 26 - 28 October 2017
- X. **Development and in vitro / in vivo evaluation of bisphosphonate loaded membranes for guided bone regeneration**
ÖZ U. C., KÜÇÜKTÜRKMEN B., SAKA O. M., DEVRİM B., topbaş m., ÖZDEMİR Ö., bilgili h., DEVECİ M. S., ÜNSAL E., BOZKIR A.
12th International symposium on pharmaceutical sciences, Ankara, Turkey, 26 - 29 June 2018
- XI. **Effect of Chondroitin Sulfate Concentration on the Chitosan-Based Nanoparticles for Protein Delivery**
DEVRİM B., ARPAÇ B., BOZKIR A.
22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XII. **Characterization and Efficacy of Inhalable Nanocomposite Microparticles Loaded Ciprofloxacin Hydrochloride**
ÇAMCA TOPAL G. R., DEVRİM B., ERYILMAZ M., BOZKIR A.
22nd International Biomedical Science Technology Symposium BIOMED2017, 12 - 14 May 2017
- XIII. **Characterization of inhalable nanocomposite microparticles loaded ciprofloxacin hydrochloride**
ÇAMCA TOPAL G. R., DEVRİM B., ERYILMAZ M., BOZKIR A.
22nd International Biomedical Science Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XIV. **Evaluation and Development of Dry Powder Inhaler Formulations That Comprising Nanoparticulate Drug Delivery Systems for Administration by Pulmonary Route**
ÇAMCA TOPAL G. R., DEVRİM B., BOZKIR A.
4th Congress on Innovation in Drug Delivery Site-Specific Drug Delivery, 25 - 28 September 2016
- XV. **Preparation and evaluation of zoledronic acid loaded PLGA nanoparticles**
DEVRİM B., SAKA O. M., öz u. c., KÜÇÜKTÜRKMEN B., BOZKIR A.
arhiv za farmaciju, 22 - 24 September 2016
- XVI. **Design and Evaluation of Docetaxel Loaded Liposomes Constructed by Petox DOPE**
DEVRİM B., GÜLYÜZ S., YILMAZ Ö., BOZKIR A.
11th Central European Symposium on Pharmaceutical Technology, Belgrade, Serbia, 22 - 24 September 2016
- XVII. **Preparation and Evaluation of Zoledronic Acid Loaded PLGA Nanoparticles**
DEVRİM B., SAKA O. M., ÖZ U. C., KÜÇÜKTÜRKMEN B., BOZKIR A.
11th Central European Symposium on Pharmaceutical Technology, 22 - 24 September 2016
- XVIII. **Effect of External Aqueous Phase on the Ciprofloxacin HCl Loaded Poly Caprolactone Nanoparticles for Administration by Pulmonary Route**
ÇAMCA TOPAL G. R., DEVRİM B., BOZKIR A.
11th Central European Symposium on Pharmaceutical Technology, 22 - 24 September 2016
- XIX. **The Effects of Lipid Composition on the Characterization of Docetaxel Loaded Liposomes Constructed by PEtOx DOPE**
DEVRİM B., GÜLYÜZ S., YILMAZ Ö., BOZKIR A.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016
- XX. **Evaluation of nanoparticle production process via central composite design for efficient zoledronic acid delivery**
ÖZ U. C., KÜÇÜKTÜRKMEN B., SAKA O. M., DEVRİM B., BOZKIR A.

- AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- XXI. **Optimization of alendronate sodium loaded nanoparticle formulation for higher efficiency**
KÜÇÜKTÜRKMEN B., ÖZ U. C., DEVRİM B., SAKA O. M., BOZKIR A.
AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- XXII. **Optimization of Alendronat Sodium Loaded Nanoparticle Formulation for Higher Efficiency**
kuçukturkmen B., umut can o., DEVRİM B., SAKA O. M., BOZKIR A.
AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- XXIII. **Evaluation of Nanoparticle Production Process via central composite design for efficient zolendronik acid delivery**
umut can o., KÜÇÜKTÜRKMEN B., SAKA O. M., DEVRİM B., BOZKIR A.
AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- XXIV. **Preparation and evaluation of respirable microparticles of levofloxacin**
ALEMDAR M., DEVRİM B.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- XXV. **Evaluation and development of ciprofloxacin loaded nanoparticles for administration by pulmonary route**
ÇAMCA G. R., DEVRİM B., BOZKIR A.
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- XXVI. **Preparation and characterization of microrna 21 antisense oligonucleotide and anticancer drug loaded lipid polymer hybrid nanoparticles and antitumor effects on glioblastoma cells**
KÜÇÜKTÜRKMEN B., DEVRİM B., SAKA O. M., YILMAZ Ş., ARSOY T., BOZKIR A.
AAPS Annual Meeting and Exposition, 2 - 06 November 2014
- XXVII. **Preparation and characterization of protein loaded lipid polymer hybrid nanoparticles with polycaprolactone as polymeric core material**
DEVRİM B., BOZKIR A.
10th Central European Symposium on Pharmaceutical Technology, 18 - 20 September 2014
- XXVIII. **Design and evaluation of hydrophobic ion pairing HIP complexation of lysozyme with sodium dodecyl sulfate**
DEVRİM B., BOZKIR A.
17th International Pharmaceutical Technology Symposium, 8 - 10 September 2014
- XXIX. **Preparation and evaluation of levofloxacin loaded PLGA microparticles for pulmonary delivery Effect of surfactant type and concentration on properties of microparticle**
İMAMOĞLU S., DEVRİM B., BOZKIR A.
17th International Pharmaceutical Technology Symposium, 8 - 10 September 2014
- XXX. **Development of reconstitutable suspensions for pediatric delivery of diclofenac sodium loaded microspheres**
ÖZ U. C., DEVRİM B., BOZKIR A., CANEFE K.
17th International Pharmaceutical Technology Symposium, 8 - 10 September 2014
- XXXI. **Effects of formulation parameters on the characteristics of double walled PLGA microparticles prepared with a w o o w method**
DEVRİM B., BOZKIR A.
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2012
- XXXII. **Preparation and evaluation of the model protein loaded thermosensitive in situ gelling systems**
SERİM T. M., ÖZ U. C., DEVRİM B., SAKA O. M., BOZKIR A.
10th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2012
- XXXIII. **Preparation and evaluation of double walled PLGA microparticles for the sustained release of proteins**
DEVRİM B., BOZKIR A.
8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, 19 - 22 March 2012
- XXXIV. **Effect of hydroxypropyl cyclodextrin on the properties of PLGA microparticles**
DEVRİM B., BOZKIR A., CANEFE K.

- 17th International Biomedical Science and Technology Symposium (BIOMED 2011), 23 - 25 October 2011
- XXXV. **Partial least squares and principal component regression for the simultaneous quantitative estimation of diphenhydramine hydrochloride in dry powder and syrup forms in the presence of excipient effects**
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