

Prof. ASUMAN BOZKIR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-9057-2020

ScopusID: 6603534367

Yoksis Researcher ID: 3100

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 1984 - 1989

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Yl) (Tezli), Turkey 1982 - 1984

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1977 - 1981

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Türkiye'de üretilen katı formdaki ilaç şekillerinin memleketimiz coğrafi ve iklim özelliklerine bağlı olarak stabiliteilerinin araştırılması, Ankara University, Sağlık Bilimleri Enstitüsü, 1989

Postgraduate, Emme Tabletlerinin formülasyon parametreleri ve imalat teknolojileri üzerine araştırmalar, Ankara University, Sağlık Bilimleri Enstitüsü, 1984

Research Areas

Pharmaceutical Biotechnology, Pharmaceutical Technology

Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2004 - Continues

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1997 - 2004

Assistant Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1991 - 1997

Academic and Administrative Experience

Dean, Ankara University, Eczacılık Fakültesi, 2020 - Continues

Head of Department, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2010 - 2014

Deputy Head of Department, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2007 - 2011

Courses

Biyoteknolojik Kökenli Farmasötik Ürünler, Undergraduate, 2022 - 2023

FARMASÖTİK TEKNOLOJİ 8. YARIYIL TEORİK, Undergraduate, 2022 - 2023, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

İlaç Formülasyonlarında Stabilite İncelemeleri ve Değerlendirmeleri I, Postgraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

FARMASÖTİK BİYOTEKNOLOJİDE HEDEFLERİ TEKNİKLERİ, Postgraduate, 2022 - 2023, 2021 - 2022

Peptid Ve Proteinlerde Dozaj Şekli Tasarımı, Postgraduate, 2022 - 2023, 2021 - 2022

FARMASÖTİK TEKNOLOJİ 8. YARIYIL PRATİK, Undergraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Partiküler İlaç Şekilleri Teknolojisi, Doctorate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

ARAŞTIRMA PROJESİ, Undergraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Biyoteknoloji Kökenli Farmasötik Ürünler ve Formülasyon Tasarımları, Undergraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Farmasötik Biyoteknolojiye Giriş Önemi Ve Uygulama Alanları, Postgraduate, 2022 - 2023

Sıvı İlaç Şekilleri Teknolojisi I, Postgraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

İlaç Formülasyonlarında Stabilite İncelemeleri ve Değerlendirmeleri, Undergraduate, 2022 - 2023, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

Peptid Proteinlerin Fiziksel Özellikleri ve Stabiliteleri Teorik, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Peptid Proteinlerin Fiziksel Özellikleri ve Stabiliteleri Uygulama, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Sıvı İlaç Şekilleri Teknolojisi II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2004 - 2005, 2002 - 2003

FARMASÖTİK TEKNOLOJİ 4. YARIYIL PRATİK, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

FARMASÖTİK TEKNOLOJİ 5. YARIYIL PRATİK, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

FARMASÖTİK TEKNOLOJİ 6. YARIYIL PRATİK, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

İlaç Formülasyonlarında Stabilite İncelemeleri ve Değerlendirmeleri II, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

UZMANLIK ALAN DERSİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2002 - 2003, 2001 - 2002, 2000 - 2001
FARMASÖTİK TEKNOLOJİ 7. YARIYIL PRATİK, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001
Araştırma Projesi Uygulama, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
FARMASÖTİK TEKNOLOJİ 5. YARIYIL TEORİK, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Advising Theses

Bozkır A., Covid-19'a karşı nanopartiküler Aşı Formülasyonlarının Geliştirilmesi ve Değerlendirilmesi, Postgraduate, S.Ayçiçek(Student), 2023
Bozkır A., Covid-19'a karşı Prototip Mikroigne Aşı Formülasyonlarının Geliştirilmesi ve Değerlendirilmesi, Postgraduate, S.KURTER(Student), 2023
BOZKIR A., Alzheimer tedavisine yönelik ilaç taşıyıcı sistemlerin geliştirilmesi, karakterizasyonu ve etkinliğinin incelenmesi, Doctorate, G.RÜYA(Student), 2021
BOZKIR A., Hücre içine gen/ilaç taşınımına yönelik aktif hedeflendirilmiş nano ilaç taşıyıcı sistemlerin geliştirilmesi, Doctorate, U.CAN(Student), 2017
BOZKIR A., Levofloksasinin pulmoner yolla uygulanmak üzere mikropartiküler kuru toz inhaler formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, S.İMAMOĞLU(Student), 2015
BOZKIR A., Pulmoner yol ile uygulanacak nanopartiküler ilaç taşıyıcı sistemleri içeren kuru toz inhalasyon formülasyonların geliştirilmesi ve değerlendirilmesi, Postgraduate, G.RÜYA(Student), 2014
BOZKIR A., Kan-beyin bariyerinden etken madde geçişinin artırılmasına yönelik ilaç taşıyıcı sistemlerin hazırlanması ve karakterizasyonu, Doctorate, B.KÜÇÜKTÜRKMEN(Student), 2014
BOZKIR A., Mukozal yolla uygulanan mikropartiküler antijen taşıyıcı sistemler üzerinde çalışmalar, Postgraduate, S.ÇOBAN(Student), 2011
BOZKIR A., Antijen taşıyıcı adjuvan özellikteki çoklu emülsiyon formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, D.HINÇ(Student), 2011
BOZKIR A., Anti-anjiyogenik etki gösteren non-viral gen taşıyıcı sistemlerin geliştirilmesi üzerine yapılan çalışmalar, Doctorate, O.MEHMET(Student), 2009
BOZKIR A., Difteri toksoidi içeren in-sitü jel yapısındaki adjuvan formülasyonlarının geliştirilmesi, in vitro ve in vivo değerlendirilmesi, Postgraduate, N.DENİZ(Student), 2009
BOZKIR A., İnterlökin-2 içeren ilaç taşıyıcı sistemlerin inhalasyon formülasyonlarına yönelik çalışmalar, Doctorate, B.DEVRİM(Student), 2009
Bozkır A., Türkiye İlaç Piyasasında Bulunan Parasetamol(Asetaminofen) İçeren Şurup ve Süspansiyon Formlarının Farmasötik Özelliklerinin İncelenmesi, Postgraduate, İ.Demirok(Student), 2008
Bozkır A., Türkiye İlaç Piyasasında Bulunan Ve Glimeprid İçeren Tablet Formundaki İlacın Stabilitésinin Bracket Tasarımı ile İncelenmesi, Postgraduate, H.Coşkun(Student), 2008
BOZKIR A., Siprofloksasin ve Hidroksipropil-beta-siklodekstrin kompleksini içeren oftalmik in-sitü jel formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, B.BAŞARAN(Student), 2008
BOZKIR A., Gen tedavisine yönelik, DNA-kitozan nanopartikül formülasyonlarının geliştirilmesi ve in-vitro değerlendirilmesi, Postgraduate, O.MEHMET(Student), 2003
BOZKIR A., Siprofloksasin içeren oftalmik çözeltilerin formülasyonunda hidroksipropil-beta-siklodekstrin kullanımının değerlendirilmesi, Postgraduate, Z.FÜSUN(Student), 2003
BOZKIR A., İnfluenza virüs antijeni içeren çoklu (S/Y/S) emülsiyon formülasyonlarının geliştirilmesi, in vitro ve in vivo değerlendirilmesi, Postgraduate, G.HAYTA(Student), 2002
Bozkır A., Protein ve Peptid Yapısındaki İlaç Etkin Maddelerinin Ağız Yolu ile Verilmelerinde Kullanılan Formülasyonlar, Postgraduate, D.Sanyel(Student), 1997

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design of Polymeric Nanoparticles for Theranostic Delivery of Capsaicin as Anti-Cancer Drug and Fluorescent Nitrogen-Doped Graphene Quantum Dots**
KÜÇÜKTÜRKMEN B., ÖZ U. C., ER E., Gomez I. J., İPEK TEKNECİ S., Esim O., Ozkose U. U., Gulyuz S., ÜSTÜNDAĞ A., Yilmaz O., et al.
MACROMOLECULAR BIOSCIENCE, 2024 (SCI-Expanded)
- II. **PEtOx-DOPE nanoliposomes functionalized with peptide 563 in targeted BikDDA delivery to prostate cancer**
Nezir A. E., Bolat Z. B., SAKA O. M., Zemheri I. E., Gulyuz S., Ozkose U. U., Yilmaz O., BOZKIR A., ŞAHİN F., TELCİ D.
TURKISH JOURNAL OF BIOLOGY, vol.48, no.3, pp.174-181, 2024 (SCI-Expanded)
- III. **Development of peptide-18-targeted nanoliposome formulations with an alternative stealth coating copolymer for targeting breast cancer AU565 cell line**
SAKA O. M., Bolat Z. B., Telci D., Sahin F., Gulyuz S., Ozkose U. U., Yilmaz O., BOZKIR A.
Polymers for Advanced Technologies, vol.35, no.1, 2024 (SCI-Expanded)
- IV. **Targeting prostate cancer with docetaxel-loaded peptide 563-conjugated PEtOx-co-PEI(30%)-b-PCL polymeric micelle nanocarriers.**
Nezir A. E., Bolat Z. B., Ozturk N., Kocak P., Zemheri E., Gulyuz S., Ozkose U. U., Yilmaz O., Vural I., Bozkır A., et al.
Amino acids, vol.55, pp.1023-1037, 2023 (SCI-Expanded)
- V. **Design and in vitro/in vivo Evaluation of Polyelectrolyte Complex Nanoparticles Filled in Enteric-Coated Capsules for Oral Delivery of Insulin**
Arpaç B., DEVRİM 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)
- VI. **Investigation on formulation parameters of donepezil HCl loaded solid lipid nanoparticles**
Topal G. R., Küçüktürkmen B., Öz U. C., Özkan E., Bakar Ateş F., Bozkır A.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.59, no.59, pp.1-11, 2023 (SCI-Expanded)
- VII. **Delivery of doxorubicin loaded P18 conjugated-poly (2-ethyl-oxazoline)-DOPE nanoliposomes for targeted therapy of breast cancer**
Bolat Z. B., Nezir A. E., DEVRİM 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)
- VIII. **Development of Zoledronic Acid Containing Biomaterials for Enhanced Guided Bone Regeneration**
KÜÇÜKTÜRKMEN B., ÖZ U. C., Toptas M., DEVRİM 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)
- IX. **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., DEVRİM 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)
- X. **Poly(2-ethyl-2-oxazoline-co-ethyleneimine)-block-poly(epsilon-caprolactone) based micelles: synthesis, characterization, peptide conjugation and cytotoxic activity**
Gulyuz S., Ozkose U. U., PARLAK KHALİLY M., KESİCİ M. S., Kocak P., Bolat Z. B., KARA A., ÖZTÜRK N., ÖZÇUBUKÇU S., BOZKIR A., et al.
NEW JOURNAL OF CHEMISTRY, vol.45, no.32, pp.14532-14547, 2021 (SCI-Expanded)

- XI. **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)
- XII. **The synthesis of peptide-conjugated poly(2-ethyl-2-oxazoline)-b-poly(L-lactide) (PEtOx-b-PLA) polymeric systems through the combination of controlled polymerization techniques and click reactions**
 Ozkose U. U., Gulyuz S., PARLAK KHALİLİ M., ÖZÇUBUKÇU S., BOZKIR A., TAŞDELEN M. A., Alptürk O., Yilmaz O.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.17, 2021 (SCI-Expanded)
- XIII. **A robust optimization approach for the breast cancer targeted design of PEtOx-b-PLA polymersomes**
 ÖZ U. C., Bolat Z. B., Ozkose U. U., Gulyuz S., KÜÇÜKTÜRKMEN B., PARLAK KHALİLİ M., ÖZÇUBUKÇU S., Yilmaz O., TELCİ D., ESENDAĞLI G., et al.
 MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.123, 2021 (SCI-Expanded)
- XIV. **The Utilization of Poly(2-ethyl-2-oxazoline)-b-Poly(epsilon-caprolactone) Ellipsoidal Particles for Intracellular BIKDDA Delivery to Prostate Cancer**
 Kocak P., ÖZ U. C., Bolat Z. B., Ozkose U. U., Gulyuz S., TAŞDELEN M. A., Yilmaz O., BOZKIR A., ŞAHİN F., TELCİ D.
 MACROMOLECULAR BIOSCIENCE, vol.21, no.2, 2021 (SCI-Expanded)
- XV. **ApoE-Targeting Increases the Transfer of Solid Lipid Nanoparticles with Donepezil Cargo across a Culture Model of the Blood-Brain Barrier**
 Topal G. R., Meszaros M., Porkolab G., Szecsko A., Polgar T. F., Siklos L., Deli M. A., Veszeka S., BOZKIR A.
 PHARMACEUTICS, vol.13, no.1, 2021 (SCI-Expanded)
- XVI. **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)
- XVII. **Development of self-assembled poly(2-ethyl-2-oxazoline)-b-poly(epsilon-caprolactone) (PEtOx-b-PCL) copolymeric nanostructures in aqueous solution and evaluation of their morphological transitions**
 Ozkose U. U., Gulyuz S., ÖZ U. C., Tasdelen M. A., Alpturk O., Bozkir A., Yilmaz O.
 EXPRESS POLYMER LETTERS, no.11, pp.1048-1062, 2020 (SCI-Expanded)
- XVIII. **Exploiting ionisable nature of PEtOx-co-PEI to prepare pH sensitive, doxorubicin-loaded micelles**
 ÖZTÜRK N., KARA A., Gulyuz S., Ozkose U. U., TAŞDELEN M. A., BOZKIR A., Yilmaz O., VURAL İ.
 JOURNAL OF MICROENCAPSULATION, vol.37, no.7, pp.467-480, 2020 (SCI-Expanded)
- XIX. **Prostate cancer cell-specific BikDDA delivery by targeted polymersomes**
 ÖZ U. C., Bolat Z. B., Poma A., Guan L., Telci D., Şahin F., Battaglia G., Bozkır A.
 APPLIED NANOSCIENCE, vol.10, no.9, pp.3389-3401, 2020 (SCI-Expanded)
- XX. **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)
- XXI. **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)
- XXII. **Design of Colloidally Stable and Non-Toxic Petox-Based Polymersomes for Cargo Molecule Encapsulation**
 ÖZ U. C., KÜÇÜKTÜRKMEN B., ÖZKÖSE U. U., Gulyuz S., Bolat Z. B., TELCİ D., ŞAHİN F., Yilmaz O., BOZKIR A.
 CHEMNANOMAT, vol.5, no.6, pp.766-775, 2019 (SCI-Expanded)
- XXIII. **Development and characterization of cationic solid lipid nanoparticles for co-delivery of pemetrexed and miR-21 antisense oligonucleotide to glioblastoma cells**

- KÜÇÜKTÜRKMEN B., BOZKIR A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.44, no.2, pp.306-315, 2018 (SCI-Expanded)
- XXIV. **Development of novel self-assembled polymeric micelles from partially hydrolysed poly(2-ethyl-2-oxazoline)-co-PEI-b-PCL block copolymer as non-viral vectors for plasmid DNA in vitro transfection**
KARA A., ÖZTÜRK N., ESENDAĞLI G., Ozkose U. U., Gulyuz S., Yilmaz O., TELCİ D., BOZKIR A., VURAL İ.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, 2018 (SCI-Expanded)
- XXV. **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)
- XXVI. **Nanocarriers and Their Potential Application as Antimicrobial Drug Delivery**
DEVRİM GÖKBERK B., BOZKIR A.
NANOSTRUCTURES FOR ANTIMICROBIAL THERAPY, pp.169-202, 2017 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **Preparation and in vitro/in vivo evaluation of mucosal adjuvant in situ forming gels with diphtheria toxoid**
Ozbilgin N. D., SAKA O. M., BOZKIR A.
DRUG DELIVERY, vol.21, no.2, pp.140-147, 2014 (SCI-Expanded)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **Thermosensitive and pH induced in situ ophthalmic gelling system for ciprofloxacin hydrochloride: Hydroxypropyl-β-cyclodextrin complex**
Basaran B., BOZKIR A.
Acta Poloniae Pharmaceutica - Drug Research, vol.69, no.6, pp.1137-1147, 2012 (SCI-Expanded)
- XXXIV. **Effect of hydroxypropyl-β-cyclodextrin on the solubility, stability and in-vitro release of ciprofloxacin for ocular drug delivery**
BOZKIR A., Denli Z. F., Basaran B.
Acta Poloniae Pharmaceutica - Drug Research, vol.69, no.4, pp.719-724, 2012 (SCI-Expanded)
- XXXV. **Formulation and in vitro characterization of PEGylated chitosan and polyethylene imine polymers with thrombospondin-I gene bearing pDNA**
SAKA O. M., BOZKIR A.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.100B, no.4, pp.984-992, 2012 (SCI-Expanded)
- XXXVI. **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**
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- Küçüktürkmen B., Bozkır A., Öz U. C., Kurter S., Ayçiçek S., Project Supported by Higher Education Institutions, İleri Teknoloji Protein Taşıyıcı Formülasyonlarının Geliştirilmesi, 2022 - 2024
- Bozkır A., Abamor E. Ş., Öz U. C., TÜBİTAK Project, Visseral Leishmaniasise Karşı Polikaprolakton Temelli İmmünokemoterapötik Ajanları İçeren Nanopartiküler Taşıyıcı Sistemlerin Geliştirilmesi, 2017 - 2022
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- Bozkır A., Devrim Gökberk B., KÜÇÜKTÜRKMEN B., TÜBİTAK Project, Oral İnsülin Verilişi İçin Protamin Bazlı Nanopartikülleri İçeren Enterik Kaplı Kapsüllerin Hazırlanması, İn Vitro ve İn Vivo Değerlendirilmesi, 2017 - 2019
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- Bozkır A., Saka O. M., Devrim Gökberk B., TÜBİTAK Project, Prostat Ve Meme Kanseri Teşhis Ve Tedavisinde Kullanılacak Poli(2-Etil-2-Oksazolin) (Petox) Esaslı Çok İşlevsel Taşıyıcı Sistemlerin Geliştirilmesi, 2014 - 2018
- Devrim Gökberk B., Saka O. M., Bozkır A., Ünsal E., KÜÇÜKTÜRKMEN B., TÜBİTAK Project, Bifosfonat Yüklü Membran ve in situ Jel Formülasyonlarının Yönlendirilmiş Kemik Rejenerasyonu Üzerine Etkisinin in vitro ve in vivo Değerlendirilmesi, 2013 - 2015
- Saka O. M., Devrim Gökberk B., Küçüktürkmen B., Bozkır A., Project Supported by Higher Education Institutions, Kan beyin bariyerinde etkin madde geçişinin artırılmasına yönelik ilaç taşıyıcı sistemlerin hazırlanması ve karakterizasyonu, 2012 - 2014

Patent

Öz U. C., Bozkır A., PEtOx-PCL Elipsoitlerinin Non-Viral Vektör Olarak Kullanımı, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2020 07437 , Standard Registration, 2023

Memberships / Tasks in Scientific Organizations

Kontrollü Salm Sistemleri Derneği, Member, 2016 - Continues, Turkey
The European Federation of Biotechnology (EFB), Member, 2010 - Continues, Switzerland
TEB II Bölge Ankara Ecza Odası, Member, 1989 - Continues, Turkey

Scientific Consultations

Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK Geleneksel Bitkisel Tıbbi Ürünler Komisyonu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2021 - Continues
Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2020 - Continues
Türkiye Sağlık Enstitüleri Başkanlığı (TUSEB), Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2018 - Continues
Türkiye Halk Sağlığı Kurumu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2018 - Continues
Türkiye Halk Sağlığı Kurumu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2016 - Continues

Tasks In Event Organizations

Bozkır A., Ankara Üniversitesi Eczacılık Fakültesi 62. Kuruluş Yıldönümü Meslek içi Eğitim Programı, Workshop Organization, Turkey, Aralık 2022
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Metrics

Publication: 172
Citation (WoS): 708
Citation (Scopus): 910
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