

Prof. ASUMAN BOZKIR

Personal Information

Office Phone: [+90 312 203 3001](tel:+903122033001)

Web: <https://avesis.ankara.edu.tr/bozkir>

International Researcher IDs

ScholarID: fD5Pc7cAAAAJ

ORCID: 0000-0002-2782-3280

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 stabilitelerinin araştırılması, Ankara University, Sağlık Bilimleri Enstitüsü, 1989

Postgraduate, Emme Tabletlерinin 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 HEDEFLEME 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 TeknolojisII, 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 I 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 Mikroiğne Aşı Formülasyonlarının Geliştirilmesi ve Değerlendirilmesi, Postgraduate, S.KURTER(Student), 2023

Bozkır A., Meme kanserine yönelik doğrudan uygulamayla hedeflenen nanopartiküler kargo taşıyıcı sistemlerin geliştirilmesi, Doctorate, S.FURKAN(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 taşımına 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., Kan-beyin bariyerinden etken madde geçişinin artırılmasına yönelik ilaç taşıyıcı sistemlerin hazırlanması ve karakterizasyonu, Doctorate, B.KÜÇÜKTÜRKMEN(Student), 2014

BOZKIR A., Pulmoner yol ile uygulanacak nanopartiküler ilaç taşıyıcı istemleri içeren kuru toz inhalasyon formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, G.RÜYA(Student), 2014

BOZKIR A., Mukozal yolla uygulanan mikropartiküler antijen taşıyıcı sistemler üzerinde çalışmalar, Postgraduate, S.ÇOBAN(Student), 2011

BOZKIR A., Antijen taşıyıcı adjuvan özellikle çoklu emülsiyon formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, D.HİNÇ(Student), 2011

BOZKIR A., Anti-anjiogenik etki gösteren non-viral gen taşıyıcı sistemlerin geliştirilmesi üzerine yapılan çalışmalar, Doctorate, O.MEHMET(Student), 2009

BOZKIR A., Difteri toksoidi içeren in-situ jel yapısındaki adjuvan formülasyonlarının geliştirilmesi, in vitro ve in vivo değerlendirme, 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 Ve Glimeprid İçeren Tablrt Formundaki İlacın Stabilitesinin Bracket Tasarımı ile İncelenmesi, Postgraduate, H.Coşkun(Student), 2008

Bozkır A., Türkiye İlaç Piyasasında Bulunan Parasetamol(Asetaminofen) İçeren Şurup ve Süspansiyon Formlarının Farmasötik Özelliklerinin İncelenmesi, Postgraduate, İ.Demirok(Student), 2008

BOZKIR A., Siprofloksasin ve Hidroksipropil-beta-siklodekstrin kompleksini içeren oftalmik in-situ jel formülasyonlarının geliştirilmesi ve değerlendirilmesi, Postgraduate, B.BAŞARAN(Student), 2008

BOZKIR A., Gen tedavisine yönelik, DNA-kitozan nanopartikül formülasyonlarının geliştirilmesi ve in-vitro değerlendirme, Postgraduate, O.MEHMET(Student), 2003

BOZKIR A., Siprofloksasin içeren oftalmik çözeltilerin formülasyonunda hidroksipropil-beta-siklodekstrin kullanımının değerlendirme, Postgraduate, Z.FÜSUN(Student), 2003

BOZKIR A., İnfluenza virus antijeni içeren çoklu (S/Y/S) emülsiyon formülasyonlarının geliştirilmesi, in vitro ve in vivo değerlendirme, 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

BOZKIR A., Göze uygulanan jel preparatlarının formülasyonu üzerine araştırmalar, Postgraduate, A.AYDINLI(Student), 1995

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara University, January, 2023

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, vol.24, no.9, 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. **Delivery of BikDD proapoptotic gene in Peptide-18-targeted Poly(2-oxazoline)-DOPE nanoliposomes for breast cancer models**
Bolat Z. B., Nezir A. E., SAKA O. M., Zemheri I. E., Gülyüz S., Özköse U. U., Yılmaz Ö., BOZKIR A., Telci D., Şahin F.
Turkish Journal of Biology, vol.48, no.5, pp.299-307, 2024 (SCI-Expanded)
- V. **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., Bozkir A., et al.
Amino acids, vol.55, pp.1023-1037, 2023 (SCI-Expanded)
- VI. **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)
- VII. **Investigation on formulation parameters of donepezil HCl loaded solid lipid nanoparticles**
Topal G. R., Kücüktürkmen 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)
- VIII. **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)
- IX. **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)

- X. **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 KHALILY 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)
- XI. **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 KHALILY 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)
- XII. **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., Gulyuz S., Ozkose U. U., Yilmaz O., BOZKIR A.
JOURNAL OF MICROENCAPSULATION, vol.38, no.5, pp.285-297, 2021 (SCI-Expanded)
- XIII. **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 KHALILY M., ÖZÇUBUKÇU S., BOZKIR A., TAŞDELEN M. A., Alptürk O., Yilmaz O.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.17, 2021 (SCI-Expanded)
- XIV. **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 KHALILY M., ÖZÇUBUKÇU S., Yilmaz O., TELCİ D., ESENDAĞLI G., et al.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.123, 2021 (SCI-Expanded)
- XV. **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)
- XVI. **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., Veszelka S., BOZKIR A.
PHARMACEUTICS, vol.13, no.1, 2021 (SCI-Expanded)
- XVII. **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)
- XVIII. **Development of self-assembled poly(2-ethyl-2-oxazoline)-<i>b</i>-poly(ϵ -caprolactone) (PEtOx-<i>b</i>-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)
- XIX. **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)
- XX. **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., Bozkir A.
APPLIED NANOSCIENCE, vol.10, no.9, pp.3389-3401, 2020 (SCI-Expanded)
- XXI. **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)
- XXII. **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)
- XXIII. **Design of Colloidally Stable and Non-Toxic Petox-Based Polymericosomes 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.
CHEM NANOMAT, vol.5, no.6, pp.766-775, 2019 (SCI-Expanded)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- 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. **Nanocarriers and Their Potential Application as Antimicrobial Drug Delivery**
DEVRİM GÖKBERK B., BOZKIR A.
NANOSTRUCTURES FOR ANTIMICROBIAL THERAPY, pp.169-202, 2017 (SCI-Expanded)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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)
- XXXIII. **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)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **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)
- XXXVII. **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)
- XXXVIII. **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**
DEVRİM GÖKBERK B., BOZKIR A., Canefe K.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.37, no.11, pp.1376-1386, 2011 (SCI-Expanded)
- XXXIX. **FORMULATION AND EVALUATION OF RECONSTITUTABLE SUSPENSIONS CONTAINING IBUPROFEN-LOADED EUDRAGIT MICROSPHERES**
DEVRİM GÖKBERK B., BOZKIR A., Canefe K.
ACTA POLONIAE PHARMACEUTICA, vol.68, no.4, pp.593-599, 2011 (SCI-Expanded)
- XL. **Preparation and evaluation of PLGA microparticles as carrier for the pulmonary delivery of rhIL-2:I. Effects of some formulation parameters on microparticle characteristics**
DEVRİM GÖKBERK B., BOZKIR A., Canefe K.
JOURNAL OF MICROENCAPSULATION, vol.28, no.6, pp.582-594, 2011 (SCI-Expanded)
- XLI. **PH INDUCED IN SITU OPHTHALMIC GELLING SYSTEM FOR CIPROFLOXACIN/HP-B-CD COMPLEX**
Basaran B., BOZKIR A.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.111-112, 2009 (SCI-Expanded)
- XLII. **Comparison of biodegradable nanoparticles and multiple emulsions (water-in-oil-in-water) containing influenza virus antigen on the in vivo immune response in rats**
BOZKIR A., Hayta G., SAKA O. M.
PHARMAZIE, vol.59, no.9, pp.723-725, 2004 (SCI-Expanded)
- XLIII. **Preparation and evaluation of multiple emulsions water-in-oil-in-water (w/o/w) as delivery system for influenza virus antigens**
BOZKIR A., Hayta G.
JOURNAL OF DRUG TARGETING, vol.12, no.3, pp.157-164, 2004 (SCI-Expanded)
- XLIV. **Chitosan nanoparticles for plasmid DNA delivery: Effect of chitosan molecular structure on formulation and release characteristics**
BOZKIR A., SAKA O. M.
DRUG DELIVERY, vol.11, no.2, pp.107-112, 2004 (SCI-Expanded)
- XLV. **Chitosan-DNA nanoparticles: Effect on DNA integrity, bacterial transformation and transfection efficiency**
BOZKIR A., SAKA O. M.
JOURNAL OF DRUG TARGETING, vol.12, no.5, pp.281-288, 2004 (SCI-Expanded)
- XLVI. **Studies on the co-encapsulation, release and integrity of two subunit antigens: rV and rF1 from Yersinia pestis**
Spiers I., Alpar H., Eyles J., BOZKIR A., Miller J., Williamson E.
JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.51, no.9, pp.991-997, 1999 (SCI-Expanded)

- XLVII. **Ascorbic acid and uric acid levels in lung cancer patients**
 BOZKIR A., Simsek B., Gungor A., Torun M.
 JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.24, no.1, pp.43-47, 1999 (SCI-Expanded)
- XLVIII. **Kinetic evaluation of the mechanical strength of briquette granules**
 BOZKIR A., Ozdemir N., Ozyurt C., Baykara T.
 Drug Development and Industrial Pharmacy, vol.23, no.6, pp.589-594, 1997 (SCI-Expanded)
- XLIX. **In vitro release study of lidocaine hydrochloride from ophthalmic gels containing polyacrylic acid polymers**
 BOZKIR A., Aydinli A.
 Acta Pharmaceutica, vol.47, no.1, pp.21-30, 1997 (SCI-Expanded)
- L. **Efficiency of topical treatment in psoriasis with 1,25-dihydroxycholecalciferol**
 BOZKIR A., Gurgey E., Kazeruni H.
 Turkish Journal of Medical Sciences, vol.26, no.1, pp.63-67, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **EFFECTIVE DRUG DELIVERY SYSTEMS IN LOCALIZED BREAST CANCER THERAPIES: INJECTABLE HYDROGELS LOKALİZE MEME KANSERİ TEDAVİLERİİNDE EFEKTİF İLAÇ TAŞIYICI SİSTEMLER: ENJEKTABL HİDROJELLER**
 Konca S. F., ÖZ U. C., BOZKIR A.
 Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.48, no.1, pp.274-288, 2024 (Scopus)
- II. **Evaluation of Biodegradable Microparticles for Mucosal Vaccination Against Diphtheria Toxoid: Nasal Efficacy Studies in Guinea Pigs**
 Çoban S., SAKA O. M., BOZKIR A.
 Turkish Journal of Pharmaceutical Sciences, vol.20, no.5, pp.294-301, 2023 (ESCI)
- III. **Microfluidic Devices for Precision Nanoparticle Production**
 BEZELYA A., KÜÇÜKTÜRKMEN B., BOZKIR A.
 Micro, vol.3, no.4, pp.822-866, 2023 (Scopus)
- IV. **Validation and reliability of the Turkish version of the student satisfaction and self-confidence in learning scale for clinical pharmacy education**
 Selçuk A., Aksoy N., Bozkır A.
 İstanbul Journal of Pharmacy, vol.53, no.1, pp.80-85, 2023 (ESCI)
- V. **DEVELOPMENT OF AMPHOTERICIN-B LOADED NANOPARTICLES AND EVALUATION THE ANTIMICROBIAL POTENCY AMFOTERİSİN-B ENKAPSÜLE EDİLMİŞ NANOPARTİKÜLLERİN ANTİMİKROBİYAL POTENSİNİN DEĞERLENDİRİLMESİ**
 ÖZ U. C., RİZVANOĞLU S. S., ABAMOR E. Ş., Cengiz G., BERBER H., Derman S., ERYILMAZ M., BOZKIR A.
 Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.47, no.3, pp.1033-1040, 2023 (Scopus)
- VI. **ASSESSMENT OF PHARMACY STUDENTS' KNOWLEDGE, ATTITUDES AND PRACTICES ABOUT COVID-19 PANDEMIC AND VACCINES ECZACILIK ÖĞRENCİLERİİNİN COVID-19 PANDEMİSİ VE AŞILARI HAKKINDA BİLGİ, TUTUM VE UYGULAMALARININ DEĞERLENDİRİLMESİ**
 Selçuk A., Bozkır A.
 Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.47, no.2, 2023 (Scopus)
- VII. **Aşı Üretim Süreçlerinde Kalite Denetimi**
 Bozkır A., Ayçiçek S.
 SD , no.61, pp.52-55, 2022 (Peer-Reviewed Journal)
- VIII. **PREPARATION AND IN VITRO CHARACTERIZATION OF SOLID LIPID MICROPARTICLES FOR PROTEIN DELIVERY PROTEİN VERİLİSİ İÇİN KATI LİPİT MİKROPARTİKÜLLERİN HAZIRLANMASI VE İN VİTRO KARAKTERİZASYONU**
 KÜÇÜKTÜRKMEN B., ÖZ U. C., BOZKIR A.
 Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.46, no.3, pp.872-882, 2022 (Scopus)

- IX. **Effect of surfactant types and concentrations on levofloxacin-loaded PLGA microparticles for pulmonary delivery – An in vitro study**
İmamoğlu S., DEVRİM GÖKBERK B., ERYILMAZ M., BOZKIR A.
Journal of Research in Pharmacy, vol.26, no.5, pp.1156-1176, 2022 (ESCI)
- X. **Drugs subject to special storage conditions or cold chain and evaluation in terms of applications**
Özel saklama koşulu gerektiren veya soğuk zincirle tabi ilaçlar ve uygulamalar açısından değerlendirmeler
KÜÇÜKTÜRKMEN B., BOZKIR A.
Turk Hijyen ve Deneysel Biyoloji Dergisi, vol.75, no.3, pp.305-322, 2018 (Scopus)
- XI. **Polymeric vesicles and biological applications Polimerik veziküller ve biyolojik uygulamaları**
ÖZ U. C., BOZKIR A.
Turk Hijyen ve Deneysel Biyoloji Dergisi, vol.75, no.4, pp.443-458, 2018 (Scopus)
- XII. **Polimerik Veziküller ve Biyolojik Uygulamaları**
ÖZ U. C., BOZKIR A.
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.75, pp.443-458, 2018 (Scopus)
- XIII. **Preparation and Evaluation of TSP-1 Loaded PEGylated cationic Liposomes for Inhibiting Angiogenesis**
SAKA O. M., BOZKIR A.
International Journal of Biotechnology and Bioengineering, vol.3, no.10, pp.317-321, 2017 (Peer-Reviewed Journal)
- XIV. **In Situ Hydrogel Formulation for Intra-Articular Application of Diclofenac Sodium-Loaded Polymeric Nanoparticles**
KÜÇÜKTÜRKMEN B., ÖZ U. C., BOZKIR A.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.1, pp.56-64, 2017 (ESCI)
- XV. **Gen taşınması için olası bir yaklaşım Poli 2 oksazolin tabanlı vektörler**
KARA A., VURAL İ., YILMAZ O., BOZKIR A.
Hacettepe University Journal of Faculty of Pharmacy,, vol.2, no.34, pp.113-132, 2015 (Peer-Reviewed Journal)
- XVI. **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**
DEVRİM B., BOZKIR A.
Journal of Nanomedicine and Nanotechnology, vol.6, no.1, pp.1-5, 2015 (Peer-Reviewed Journal)
- XVII. **Preparation and Characterization of Protein loaded Lipid polymer Hybrid Nanoparticles with Polycaprolactone as Polymeric Core Material**
DEVRİM B., BOZKIR A.
Biomolecular Research & Therapeutics, vol.3, no.3, pp.1-4, 2014 (Peer-Reviewed Journal)
- XVIII. **Investigation of the Stability with Bracketing Design in Tablet Form**
BOZKIR A., Çoşkun Ç. H., SAKA O. M.
Pharmaceutica Analytica Acta, vol.1, no.5, pp.1-7, 2013 (Peer-Reviewed Journal)
- XIX. **Nanotechnology ve Nanobiotechnology**
Bozkır A., Saka O. M.
TÜFTAD, vol.13, no.2, pp.3-10, 2006 (Non Peer-Reviewed Journal)
- XX. **Formulation and investigation of 5-FU nanoparticles with factorial design-based studies**
BOZKIR A., SAKA O. M.
Farmaco, vol.60, no.10, pp.840-846, 2005 (Scopus)
- XXI. **Nasal delivery of vaccines Aşıların nazal yoldan uygulanışı**
Saatçi F., BOZKIR A.
Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.32, no.3, pp.175-192, 2003 (Scopus)
- XXII. **Stability studies of furosemide/β-cyclodextrin kneaded system**
BOZKIR A., Ozdemir N., Mergen A., ÖNAL A. M.
Pharmaceutical and Pharmacological Letters, vol.8, no.2, pp.65-68, 1998 (Scopus)

- XXIII. **Investigation on formation of tablets from theophylline micropellets by stepped rimmed flat pan method**
 Canefe K., BOZKIR A., Aydinli A., ÇOMOĞLU T.
Bollettino Chimico Farmaceutico, vol.136, no.9, pp.589-592, 1997 (Scopus)
- XXIV. **In vitro release study of lidocaine hydrochloride from ophtalmie gels containing polyacrylic acid polymers**
 BOZKIR A., Aydinli A.
Bollettino Chimico Farmaceutico, vol.136, no.8, pp.550-555, 1997 (Scopus)
- XXV. **Enemas and new developments in enema formulations Enemalar ve enema formulasyonlarında yeni gelismeler**
 BOZKIR A., KILIÇARSLAN M.
Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.26, no.1, pp.36-51, 1997 (Scopus)
- XXVI. **Enemalar ve Enema Formülasyonlarında Yeni Gelişmeler**
 BOZKIR A., KILIÇARSLAN M.
Ankara Üniversitesi Eczacılık Fakultesi Dergisi, vol.26, no.1, pp.36-51, 1997 (Scopus)
- XXVII. **Analysis of moisture content in hard gelatin capsules at different stability conditions**
 Canefe K., BOZKIR A., Badri S.
Acta Pharmaceutica Turcica, vol.38, no.1, pp.1-4, 1996 (Scopus)
- XXVIII. **Effects of different ointment bases and penetration enhancers on the in-vitro release of vitamin A palmitate**
 BOZKIR A., Yuksel A.
Acta Pharmaceutica Turcica, vol.37, no.4, pp.94-99, 1995 (Scopus)

Books & Book Chapters

- I. **Nadir Hastalıklarda Kullanılan İlaçlarda (Yetim İlaçlar) Güncel Uygulamalar**
 Bozkır A. (Editor), Saka O. M. (Editor)
Turkiye Klinikleri, Ankara, 2024
- II. **Farmasötik Teknoloji Deneysel Uygulamalar Kitabı**
 Bozkır A., Karataş A., Hasçıcek C., Kılıçarslan M., Tarımcı M. N., Üçlü N., Çomoğlu T.
Ankara Üniversitesi, Ankara, 2024
- III. **Yetim İlaçlar ve Kılavuzlar Doğrultusunda Değerlendirmeler**
 Bülbül N., Bozkır A.
 in: Nadir Hastalıklarda Kullanılan İlaçlarda (Yetim İlaçlar) Güncel Uygulamalar - 2024, Asuman Bozkır, Ongun Mehmet Saka, Editor, Turkiye Klinikleri, Ankara, pp.7-18, 2024
- IV. **Nadir Hastalıklarda Kullanılan Gen Tedavisi Ürünleri**
 Saka O. M., Bozkır A.
 in: Nadir Hastalıklarda Kullanılan İlaçlarda (Yetim İlaçlar) Güncel Uygulamalar, BOZKIR ASUMAN, SAKA ONGUN MEHMET, Editor, Turkiye Klinikleri, Ankara, pp.46-55, 2024
- V. **Cumhuriyetin 100. Yılında Eczacılıkta Yenilikler 4**
 Bozkır A. (Editor), Yıldız İ. (Editor)
Ankara Üniversitesi, Ankara, 2023
- VI. **Biyomimetik Şaperonlar ve Nanobioteknolojik Uygulamalarının Değerlendirilmesi**
 Pekasil H., Bozkır A.
 in: Cumhuriyetin 100. Yılında Eczacılıkta Yenilikler, Asuman Bozkır, İlkay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.367-380, 2023
- VII. **TÜRK FARMAKOPESİ 2023, 2.7.28.ADSORBE TETANOS AŞISI MİKTAR TAYİNİ; 1219. HEMOFİLUS TİP b KONJUGE AŞISI; 2.7.27.DİFTERİ VE TETANOS TOKSİNLERİ VE TOKSOİTLERİNİN FLOKÜLASYON DEĞERİ (Lf) (RAMON TAYİNİ); 2726e. TNF-ALFA ANTAGONİSTLERİNİN POTENSLERİNİN BELİRLENMESİ İÇİN HÜCRE TABANLI TAYİNLER; 2622. HEMOFİLUS TİP b ve MENİNGOKOK GRUP C**

KONJUGE AŞISI

Bozkır A.

in: TÜRK FARMAKOPESİ 2023, TC SAĞLIK BAKANLIĞI, Editor, TC SAĞLIK BAKANLIĞI,TİTCK, Ankara, pp.1-3600, 2023

VIII. Eksozomların İlaç Taşıyıcı Sistem Olarak Kullanımı

KURTER S., BOZKIR A.

in: Eczacılıkta Yenilikler-4, , Editor, Ankara Üniversitesi Basımevi, pp.429-440, 2023

IX. Eczacılıkta Dijital Sağlık Eğitimi

SELÇUK A., BOZKIR A.

in: Eczacılıkta Yenilikler IV, , Editor, Ankara Üniversitesi Basım Evi, Ankara, pp.617-622, 2023

X. Aşı Üretiminde Kalite Süreci

Saka O. M., Bozkır A.

in: Aşı Çalışmaları ve Teknolojisi, Mert DÖŞKAYA,Adnan Yüksel GÜRÜZ,Ayşe Gülten KANTARCI,Cemal ÜN, Editor, Nobel Yayınevi, Ankara, pp.471-482, 2023

XI. Eczacılıkta Dijital Sağlık Eğitimi

SELÇUK A., BOZKIR A.

in: Eczacılıkta Yenilikler-4, , Editor, Ankara Üniversitesi Basımevi, pp.617-622, 2023

XII. Aşı üretim süreçlerinde kalite denetimi

BOZKIR A., Ayçiçek S.

in: SD, Recep Öztürk, Editor, Medipol Yayınevi, İstanbul, pp.52-55, 2022

XIII. Biyobenzer Ürünler, Genel Bakış ve Kılavuzlar Doğrultusunda Değerlendirmeler

Topal G. R., Küçüktürkmen B., Bozkır A.

in: Eczacılıkta Yenilikler 3, Gülbün Özçelikay, İlkay Yıldız, Editor, Ankara Üniversitesi, Ankara, pp.359-370, 2020

XIV. Aşı Lojistiği ve Soğuk Zincir

Küçüktürkmen B., Bozkır A.

in: AŞİ Akademik, Endüstriyel ve Resmi Otorite Yönüyle, Sevda Şenel,M. Kürşat Derici, Editor, Hipokrat yayınevi, Ankara, pp.141-146, 2019

XV. A new approach for drug targeting to the central nervous system: Lipid nanoparticles

Küçüktürkmen B., Bozkır A.

in: Nanoarchitectonics in Biomedicine, Alexandru Mihai Grumezescu, Editor, Elsevier Science, Oxford/Amsterdam , Bucuresti, pp.335-369, 2019

XVI. 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

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

Şenel S., Bozkır A., Öner A. F., Karaağaçlı A. E., Kantarcı 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

XVIII. Türk Farmakopesi 2017, Aşilar

Saka O. M., Şenel S., Bozkır A., Öner A. F., Karaağaçlı A. E., Kantarcı A. G., Vural İ., Alpar C. R., Gürsoy R. N., Bilge Dağalap S., et al.

in: Türk Farmakopesi 2017, Sağlık Bakanlığı, Editor, TC SAĞLIK BAKANLIĞI TTİCK, Ankara, pp.1-252, 2018

XIX. Biyolojik ve Biyoteknolojik Ürünler Çalışma Grubu (Aşilar-Hemofilus tip b konjuge aşısı)

Demir Dora D., Şenel S., Bozkır A., Öner A. F., Dağalap S. B., Karaağaçlı A. E., Kantarcı 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
- XX. **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
- XXI. **Farmasötik teknoloji deneysel uygulamalar kitabı**
Özdemir A. N., Bozkır A., Yüksel N., Tarımcı M. N., Karataş A., Çomoğlu T.
Ankara Üniversitesi, Ankara, 2013
- XXII. **Biyomakromoleküllerin Formülasyon Tasarımı ve Uygulamalarında, Güncel ve Geleceğe Yönelik Yaklaşımlar**
Saka O. M., Bozkır A.
in: Eczacılıkta Yenilikler 2, Onur Feyyaz, Editor, Ankara Üniversitesi, Ankara, pp.117-142, 2010
- XXIII. **Multiple Emulsions: Delivery Systems for Antigens**
Saka O. M., Bozkır A.
in: Multiple emulsions technology and applications, Aserin Abraham, Editor, John Wiley & Sons, West Sussex, UK , New Jersey, pp.293-306, 2008
- XXIV. **Farmasötik Teknoloji Deneysel Uygulamalar Kitabı**
Bozkır A., Karataş A., Hasçık C., Canefe K., Kılıçarslan M., Yüksel N., Gönül N., Özdemir A. N., Baykara T., Kilinc-Şen T., et al.
Ankara Üniversitesi, Ankara, 2007
- XXV. **Pegylated Chitosan Nanoparticles for gene delivery**
Saka O. M., Ozturk N. D., Bozkır A.
in: Advances in Chitin Science Volume X, Senel S.,Varum K.,Sumnu MM,Hincal AA, Editor, European Chitin Society, Ankara, pp.281-286, 2007

Refereed Congress / Symposium Publications in Proceedings

- I. **Production and Characterization of Lysozyme Loaded PLGA Nanoparticles by Microfluidic System**
BEZELYA A., KÜÇÜKTÜRKMEN B., EREN BÖNCÜ T., BOZKIR A.
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024
- II. **PREFORMULATION OF NANOVACCINE LOADED DISSOLVING MICRONEEDLE FORMULATIONS**
KURTER S., ÖZ U. C., KÜÇÜKTÜRKMEN B., BOZKIR A.
14th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 25 - 28 June 2024
- III. **INVESTIGATING THE IMPACT OF CROSS-LINKER TYPE ON PARTICLE SIZE AND ZETA POTENTIAL OF ALBUMIN NANOPARTICLES**
Kaplan M., KÜÇÜKTÜRKMEN B., ÖZ U. C., BOZKIR A.
14th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 25 - 28 June 2024
- IV. **Development and Evaluation of Nanoparticulate Prototype Vaccine Formulations Against COVID-19**
Sena A., Kücüktürkmen B., Öz U. C., Bozkır A.
4. ULUSLARARASI AŞI BİLİMİ KONGRESİ, Ankara, Turkey, 03 November 2022
- V. **Aşı Üretim Süreçlerinde Kalite Denetimi” 4.Uluslararası Aşı Bilimi Kongresi, Covid-19 Aşı Teknolojileri, 3-5 Kasım 2022, Ankara**
BOZKIR A.
4.Uluslararası Aşı Bilimi Kongresi, Covid-19 Aşı Teknolojileri, Ankara, Turkey, 03 November 2022
- VI. **Ankara Üniversitesi Eczacılık Fakültesi Öğrencilerinin ve Mezunlarının İhtiyaçlarının Analizi**
DEVRİM GÖKBERK B., SELÇUK A., BOZKIR A.
ECZAKDER III. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 17 - 19 November 2021
- VII. **Ankara Üniversitesi Eczacılık Fakültesi Öğrencilerinin COVID-19 Pandemisi ve Aşları Hakkında Bilgi, Tutum ve Uygulamaları**
SELÇUK A., BOZKIR A.

- VIII. **PREPARATION AND IN VITRO EVALUATION OF APO-E MODIFIED SOLID LIPID NANOPARTICLES FOR DELIVERY OF HUMANIN PEPTIDE**
TOPAL G. R., MÉSZÁROS M., PORKOLÁB G., SZECSKÓ A., KÜCÜKTÜRKMEN B., ÖZ U. C., DELI M., VESZELKA S., BOZKIR A.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- IX. **Polyelectrolyte Complex Nanoparticles-Filled Enteric-coated Capsules for Oral Insulin Delivery**
Devrim Gökberk B., Arpaç B., Kücüktürkmen B., Özakça Gündüz I., Bozkır A.
13th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.29-30
- X. **"Covid-19 Aşları, Formülasyon ve Stabilite Özellikleri"**
BOZKIR A.
TÜFTAD Online Toplantı Covid-19 Aşları: Formülasyon, Kalite, Etkinlik, Güvenlilik ve Yerli Üretimi, Ankara, Turkey, 06 March 2021
- XI. **"Aşı Stabilite Çalışmaları", Türk Konseyi Sağlık Bilim Kurulu/Aşı Çalıştayı- Davetli Konuşmacı , 25 Ağustos 2020, Urla-İzmir**
BOZKIR A.
Türk Konseyi Sağlık Bilim Kurulu/Aşı Çalıştayı- Davetli Konuşmacı , 25 Ağustos 2020, Urla-İzmir, İzmir, Turkey, 25 August 2020
- XII. **Development and in vitro/in vivo evaluation of a gelling system comprising bisphosphonate loaded plga nanoparticles for guided bone regeneration**
Öz U. C., Kücüktürkmen B., Topbaş M., Saka O. M., Devrim B., Deveci M. S., Ünsal E., Bozkır A.
8th BBBB international Conference on Pharmaceutical Scieneces, İzmir, Turkey, 14 - 16 October 2019
- XIII. **CELLULAR UPTAKE OF TWO DIFFERENT MICELLES PREPARED WITH POLY(2-ETHYL-2-OXAZOLINE) BLOCK COPOLYMERS**
Öztürk N., Kara A., Gülyüz S., Özköse U. U., Bozkır A., Yılmaz Ö., Vural İ.
8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.1-3
- XIV. **Polymeric Drug Carriers for Targeted Therapy of Breast Cancer**
bolat z. b., Nezir A. E., ÖZTÜRK N., KARA A., Gulyuz S., ÖZKÖSE U. U., Yılmaz O., VURAL İ., BOZKIR A., TELCİ D., et al.
EACR Nanotechnology in Cancer, 12 - 14 September 2019
- XV. **Design of Partially Hydrolysed Poly(2-ethyl-2-oxazoline)-co-Poly(ethyleneimine)-b-Poly(ϵ -caprolactone) (PEtOx-co-PEI-b-PCL) Polymeric Carrier Systems**
Özköse U. U., Gülyüz S., Kara A., Öztürk N., Esendağlı G., Alptürk O., Bozkır A., Vural İ., Yılmaz Ö.
First International Balkan Chemistry Congress (IBCC), Sofija, Bulgaria, 17 - 20 September 2018
- XVI. **EVALUATION OF STEALTH PROPERTIES OF PEtOx BASED MICELLE/GENE COMPLEXES BY STABILITY STUDIES**
KARA A., ÖZTÜRK N., Gulyuz S., ÖZKÖSE U. U., bolat z. b., Yılmaz O., TELCİ D., BOZKIR A., VURAL İ.
IPTS 2018, 17 - 19 September 2018
- XVII. **APOPTOTIC GENE THERAPY BY NOVEL DEVELOPED PARTIALLY HYDROLYSED PEtOx BASED MICELLAR NANOCARRIERS ON MCF-7 BREAST CANCER CELLS**
KARA A., ÖZTÜRK N., ESENDAĞLI G., ÖZKÖSE U. U., Gulyuz S., bolat z. b., Yılmaz O., TELCİ D., BOZKIR A., VURAL İ.
IPTS2018, 17 - 19 September 2018
- XVIII. **IN VITRO EVALUATION OF pH SENSITIVE DOXORUBICIN LOADED MICELLES**
ÖZTÜRK N., KARA A., ÖZKÖSE U. U., Gulyuz S., Yılmaz O., BOZKIR A., VURAL İ.
IPTS2018, 17 - 19 September 2018
- XIX. **PREPARATION AND CHARACTERIZATION OF DOCETAXEL LOADED POLYMERIC MICELLES**
ÖZTÜRK N., KARA A., ÖZKÖSE U. U., Gulyuz S., Yılmaz O., BOZKIR A., VURAL İ.
IPTS2018, 17 - 19 September 2018
- XX. **Doxorubicin and BIKDD Delivery to Au565 Breast Cancer Cell Line by Targeted Polymeric Nanocarriers**
Bolat Z. B., Öz U. C., Nezir A. E., Özköse U. U., Yılmaz Ö., Bozkır A., Telci D., Şahin F.
28th International Conference on Cancer Research and Anticancer Therapies, Illinois, United States Of America, 17

- 18 September 2018

- XXI. **ESTIMATION AND PREPARATION OF DRY POWDER INHALER FORMULATIONS THAT CONSISTING OF CIPROFLOXACIN HCL LOADED NANO AND MICROCOMPOSITE PARTICLESFOR PULMONARY ADMINISTRATION**
TOPAL G. R., DEVRİM B., ERYILMAZ M., BOZKIR A.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018
- XXII. **Factorial Design and Development of PLGA Microspheres 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
- XXIII. **Nanobiotechnology and Hedeflenmiş Nanotaşıyıcı sistemler", TÜSEB- Biyoteknolojik İlaçlarda Gelecek ve Türkiye Sempozyumu, 19-20 Nisan 2018, İstanbul.**
BOZKIR A.
TÜSEB- Biyoteknolojik İlaçlarda Gelecek ve Türkiye Sempozyumu, 19-20 Nisan 2018, İstanbul., İstanbul, Turkey, 19 April 2018
- XXIV. **Synthesis of Anthocyanin-Rich Red cabbage Nanoflowers and Their Antimicrobial and Cytotoxic Properties**
KONCA S. F., Tasdemir D., AYDOĞDU G., YILMAZ E., BOZKIR A., ÖÇSOY İ.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017
- XXV. **Targeting of Prostate Cancer with Polymeric Nanocarriers Labelled with PSMA-Binding Peptide**
Nezir A. E., ÖZ U. C., Polen K., Özköse U. U., Özgür Y., BOZKIR A., ŞAHİN F., TELCİ D.
II International Conference on Cancer Research and Targeted Therapy, 26 - 28 October 2017
- XXVI. **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
- XXVII. **IN-VITRO CHARACTERISATION OF PEPTIDE-563 CONJUGATED LIPOSOMES**
SAKA O. M., ÖZ U. C., KÜÇÜKTÜRKMEN B., BOZKIR A.
GPSS 2017, Ankara, Turkey, 11 - 13 October 2017
- XXVIII. **Characterisation and Evaluation of Targeted Liposomes. I- In vitro studies**
SAKA O. M., ÖZ U. C., KÜÇÜKTÜRKMEN B., Gülyüz S., Özgür Y., BOZKIR A.
BBBB International Conference on Pharmaceutical Sciences, 5 - 07 October 2017
- XXIX. **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, MİAMİ, United States Of America, 26 - 28 October 2017
- XXX. **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
- XXXI. **Development of HPLC Method for Thymoquinone Quantification and Pre-Eliminary Investigation on Nanoparticle Production**
KONCA S. F., ÖZ U. C., BOZKIR A.
22. Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu, 12 - 14 May 2017
- XXXII. **Preparation and Evaluation of Cationic Liposomes for Cancer Treatment**
SAKA O. M., KÜÇÜKTÜRKMEN B., BOZKIR A.
22nd International Symposium on Biomedical Science and Technology, 12 - 14 May 2017
- XXXIII. **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
- XXXIV. **Characterization of inhalable nanocomposite microparticles loaded ciprofloxacin hydrochloride**
ÇAMCA TOPAL G. R., DEVRİM B., ERYILMAZ M., BOZKIR A.
22nd International Biomedical ScienceTechnology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XXXV. **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
- XXXVI. **Co-delivery of Pemetrexed and miR-21 Antisense Oligonucleotide by Cationic Solid Lipid Nanoparticles and Effects on Glioblastoma Cells**
KÜÇÜKTÜRKMEN B., BOZKIR A.
BIOMED 2017, Ankara, Turkey, 12 - 14 May 2017
- XXXVII. **Comparison Studies on Peptide-18 ConjugatedLiposomes**
SAKA O. M., ÖZ U. C., Gülyüz S., Yilmaz Ö., BOZKIR A.
22nd International Symposium on Biomedical Science and Technology, 12 - 14 May 2017
- XXXVIII. **Evaluation of Morphological and Physical Characteristics of Poly(2-Ethyl-2-Oxazoline)-co-Poly(Ethylenimine)-Block-Poly(ϵ -Caprolactone) (PEtOx-co-PEI-b-PCL) Polymeric Micelle as a Gene Delivery Agent**
Kara A., Öztürk N., Özköse U. U., Bolat Z. B., Telci D., Yilmaz Ö., Bozkır A., Vural İ.
American Association of Pharmaceutical Scientists (AAPS)-National Biotechnology Conference, Alabama, United States Of America, 1 - 03 May 2017
- XXXIX. **NOVEL POLYMERIC MICELLES BASED ON Poly-(2-Ethyl-2-Oxazoline)-co-Poly(ethylenimine)-block-Poly(ϵ -caprolactone) PEtOx-co-PEI-b-PCL BLOCK COPOLYMER WITH VARIOUS HYDROLYSIS DEGREE TO EVALUATE THE EFFECT OF TRANSFECTION EFFICIENCY ON MCF-7 CELLS**
KARA A., ÖZTÜRK N., ESENDAĞLI G., bolat z. b., gülyüz s., TELCİ D., yilmaz ö., BOZKIR A., VURAL İ.
AAPS 2017 NATIONAL BIOTECHNOLOGY CONGRESS, San Diego, United States Of America, 01 May 2107 - 03 May 2017
- XL. **Evaluation and Development of Dry Powder Inhaler Formulations That Comprising Nanoparticluar Drug Delivery Systems for Administration by Pulmonary Route 4th Congress on Innovation in Drug Delivery Site Specific Drug Delivery 25 28 Eylül Antibes Fransa p 63 Poster No 48 2016**
ÇAMCA TOPAL R., DEVRİM B., BOZKIR A.
Poster Bildiri, Antalya, Turkey, 25 - 28 September 2016
- XLI. **Evaluation and Development of Dry Powder Inhaler Formulations That Comprising Nanoparticluar 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
- XLII. **Design and Evaluation of Docetaxel Loaded Liposomes Constructed by Petox DOPE 11th Central European Symposium on Pharmaceutical Technology**
DEVRİM B., GULYUZ S., YILMAZ O., BOZKIR A.
11th Central European Symposium on Pharmaceutical Technology, Belgrade, Serbia, 22 - 24 September 2016
- XLIII. **Preparation and Evaulation of Zoledronic Acid Loaded PLGA Nanoparticles 11th Central European Symposium on Pharmaceutical Technology 22 24 Eylül Belgrad Sırbistan Poster No 13 2016**
DEVRİM B., SAKA O. M., ÖZ U. C., KÜÇÜKTÜRKMEN B., BOZKIR A.
poster tebliğ, Belgrade, Serbia, 22 - 24 September 2016
- XLIV. **Preparation and evaluation of zolendronic acid loaded PLGA nanoparticles**
DEVRİM B., SAKA O. M., öz u. c., KÜÇÜKTÜRKMEN B., BOZKIR A.
arhiv za farmaciju, 22 - 24 September 2016
- XLV. **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

- XLVI. **Preparation and Evaluation of Zoledronic Acid Loaded PLGA Nanoparticles**
DEVRİM B., SAKA O. M., ÖZ U. C., KÜCÜKTÜRKMEN B., BOZKIR A.
11th Central European Symposium on Pharmaceutical Technology, 22 - 24 September 2016
- XLVII. **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
- XLVIII. **The Effects of Lipid Composition on the Characterization of Docetaxel Loaded Liposomes Constructed by PEtOx DOPE** 18th International Pharmaceutical Technology Symposium 18 21 Eylül Antalya Türkiye p 221 224 Poster No 45 2016
DEVRİM B., GULYUZ S., YILMAZ O., BOZKIR A.
Posyer Bildiri, Antalya, Turkey, 18 - 21 September 2016
- XLIX. **Micellar characteristics of poly 2 ethyl 2 oxazoline co poly ethyleneimine block poly E caprolactone petox co PEI B PCL block copolymers of different hydrolysis degrees of petox**
KARA A., ÖZTÜRK N., GÜLYÜZ S., ÖZKÖSE U., VURAL İ., YILMAZ Ö., BOZKIR A.
Poster bildiri, Antalya, Turkey, 18 - 21 September 2016
- L. **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
- LI. **Farmasötik Biyoteknolojinin Bugünü ve Geleceği**
BOZKIR A.
PharmAnkara Ulusal Eczacılık Öğrenci Kongresi, Turkey, 28 April 2016
- LII. **Aşı Bileşenleri ve Soğuk Zincir, Türkiye Halk Sağlığı Kurumu Aşı Çalıştayı**
BOZKIR A.
Türkiye Halk Sağlığı Kurumu Aşı Çalıştayı, Afyon, Turkey, 7 - 09 March 2016
- LIII. **Farklı Taşıyıcı Sistemler Kullanarak Antijen İçeren Adjuvan Formülasyonlarının Geliştirilmesi**
BOZKIR A.
TÜSEB Sağlık Enstitüleri Başkanlığı, 1.Aşı çalıştayı, Turkey, 04 February 2016
- LIV. **The Effect of Preparation Method on Size of Poly 2 Ethyl 2 oxazoline PetOx b Polycaprolactone PCL Polymeric Micelles**
Kara A., Naile O., Sevgi G., Ozgur Y., Bozkır A., Vural I.
International Gazi Pharma Symposium, Ankara, Turkey, 12 - 15 November 2015
- LV. **Polymeric Micelles Based on Poly 2 ethyl 2 oxazoline as a Drug Carriers**
Ozturk N., Kara A., Umut Ugur O., Ozgur Y., Bozkır A., Vural I.
INTERNATIONAL GAZİ PHARMA SYMPOSIUM, Ankara, Turkey, 12 - 15 November 2015
- LVI. **Evaluation of Nanoparticle Production Process via central composite design for efficient zolendronik acid delivery**
Umut Can O., Kücüktürkmen B., Saka O. M., Devrim B., Bozkır A.
AAPS Annual Meeting and Exposition, California, United States Of America, 25 - 29 October 2015
- LVII. **Evaluation of nanoparticle production process via central composite design for efficient zoledronic acid delivery**
ÖZ U. C., KÜCÜKTÜRKMEN B., SAKA O. M., DEVRİM B., BOZKIR A.
AAPS Annual Meeting and Exposition, 25 - 29 October 2015
- LVIII. **Optimization of alendronate sodium loaded nanoparticle formulation for higher efficiency**
Kücüktürkmen B., Öz U. C., Devrim B., Saka O. M., Bozkır A.
AAPS Annual Meeting and Exposition, South Dakota, United States Of America, 25 - 29 October 2015
- LIX. **Optimization of Alendronat Sodium Loaded Nanoparticle Formulation for Higher Efficiency**
Kuçuktürkmen B., Umut Can O., Devrim B., Saka O. M., Bozkır A.
AAPS Annual Meeting and Exposition, California, United States Of America, 25 - 29 October 2015
- LX. **Evaluation and development of ciprofloxacin loaded nanoparticles for administration by pulmonary route**

- Çamca G. R., Devrim B., Bozkır A.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- LXI. **Polymeric Nanoparticles for Intra Articular Application of Diclofenac Sodium**
ÇANKAYA Z. A., YILMAZ E., KÜÇÜKTÜRKMEN B., ÖZ U. C., BOZKIR A.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- LXII. **"Biyobenzer Ürünlerde Kalite" Biyoteknolojik Ürünler ve Biyobenzerler Kursu/Sempozyumu, İlaç Bilincini Geliştirme ve Akılçılı Derneği, 21-23 Kasım 2014,Antalya.**
BOZKIR A.
İlaç Bilincini Geliştirme ve Akılçılı İlaç Derneği, 21-23 Kasım 2014,Antalya, Ankara, Turkey, 21 November 2014
- LXIII. **Preparation and characterization of microRNA 21 antisense oligonucleotide and anticancer drug loaded lipid polymer hybrid nanoparticles and antitumor effects on glioblastoma cells**
Küçüktürkmen B., Devrim B., Saka O. M., Yılmaz Ş., Arsoy T., Bozkır A.
AAPS Annual Meeting and Exposition, Ankara, Turkey, 2 - 06 November 2014
- LXIV. **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
- LXV. **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
- LXVI. **Design and evaluation of hydrophobic ion pairing HIP complexation of lysozyme with sodium dodecyl sulfate**
Devrim B., Bozkır A.
17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014
- LXVII. **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
- LXVIII. **The effect of high pressure homogenization process on the particle size of solid lipid nanoparticles**
Küçüktürkmen B., Bozkır A.
16th International Pharmaceutical Technology Symposium, Antalya, Turkey, 10 - 12 September 2012
- LXIX. **Studies on the Mucosal Delivery of Microparticulate Antigen Delivery Systems II In-vitro Characterization**
Çoban S., Saka O. M., Bozkır A.
10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012, pp.327
- LXX. **Antibacterial Activity of 5 Fluorouracil Loaded W O W Nano Emulsions**
GÖKÇEK S., SAKA O. M., ERYILMAZ M., BOZKIR A.
10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012
- LXXI. **Preparation and evaluation of the model protein loaded thermosensitive in situ gelling systems**
Serim T. M., Öz U. C., Devrim B., Saka O. M., Bozkır A.
10th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2012
- LXXII. **Effects of formulation parameters on the characteristics of double walled PLGA microparticles prepared with a w o o w method**
Devrim B., Bozkır A.
10th International Symposium on Pharmaceutical Sciences, İstanbul, Turkey, 26 - 29 June 2012
- LXXIII. **Comparison of Gene Delivery into Human Breast Epithelial Cells with PEGylated Cationic Nanoparticles and Liposome Formulations**
Saka O. M., Bozkır A.
8th World Meeting on Pharmaceuticals, Biopharmaceuticals and Pharmaceutical Technology, İstanbul, Turkey, 19 - 22 March 2012, pp.20-21

- LXXIV. **Preparation and evaluation of double walled PLGA microparticles for the sustained release of proteins**
Devrim B., Bozkır A.
8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, İstanbul, Turkey, 19 - 22 March 2012
- LXXV. **Studies on the Mucosal Delivery of Microparticulate Antigen Delivery Systems. I-Development and in-vitro Characterization**
Çoban S., Saka O. M., Bozkır A.
17th International Symposium on Biomedical Science and Technology, Ankara, Turkey, 23 - 25 November 2011, pp.62
- LXXVI. **Development and Formulation of PEGylated Non Viral Gene Delivery Systems**
Saka O. M., Bozkır A.
17th International Symposium on Biomedical Science and Technology, Ankara, Turkey, 23 - 25 November 2011, pp.37
- LXXVII. **Studies on the Stability of 5-FU Loaded Nano-emulsions**
Gökçek S., Saka O. M., Bozkır A.
17th International Symposium on Biomedical Science and Technology, Ankara, Turkey, 23 - 25 November 2011, pp.63
- LXXVIII. **Effect of hydroxypropyl cyclodextrin on the properties of PLGA microparticles**
Devrim B., Bozkır A., Canefe K.
17th International Biomedical Science and Technology Symposium (BIOMED 2011), Antalya, Turkey, 23 - 25 October 2011
- LXXIX. **A Model Study Using Bracketing Design for Stability Test on Solid Dosage Form**
Bozkır A., Coşkun H., Saka O. M.
1st international conference on New Trends in Chemometrics and Applications, Antalya, Turkey, 8 - 11 October 2011, pp.62
- LXXX. **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**
DEVRİM B., KÜÇÜKTÜRKMEN B., DİNÇ E., BOZKIR A.
1st International Conference on New Trends in Chemometrics and Applications, 8 - 11 October 2011
- LXXXI. **PEGylated Cationic Nanoparticles Mediated Gene Delivery into Human Breast Epithelial Cells; Preparation, Physicochemical Characterization, and Cellular Uptake**
Saka O. M., Bozkır A.
18th International Symposium on Microencapsulation, Antalya, Turkey, 12 - 14 September 2011, pp.171-173
- LXXXII. **Formulation and In-vitro Characterization of 5-Fluorouracil Loaded Multiple Emulsions**
Göcek S., Saka O. M., Bozkır A.
18th International Symposium on Microencapsulation, Antalya, Turkey, 12 - 14 September 2011, pp.234-235
- LXXXIII. **Effect of stabilizing excipients on the characteristics of recombinant human interleukin 2 loaded PLGA microparticles**
DEVRİM B., BOZKIR A., CANEFE K.
18th International Symposium on Microencapsulation, 12 - 14 September 2011
- LXXXIV. **Thermoreversible In Situ Gelling Solutions for Ophthalmic Delivery of Pilocarpine Hydrochloride**
ANASIZ Y., KÜÇÜKTÜRKMEN B., BOZKIR A.
3rd PharmSciFair, PRAG, Czech Republic, 13 - 17 June 2011
- LXXXV. **Preparation and properties of inhalable dry powder formulation containing mannitol as excipient for rhIL 2 loaded PLGA microparticles**
DEVRİM B., BOZKIR A., CANEFE K.
3rd PharmSciFair, 13 - 17 June 2011
- LXXXVI. **Wavelet transform for the quantitative analysis of diphenhydramine hydrochloride in dry powder and syrup forms in the presence of excipient effects**

- DEVRİM B., ARSLAN Z., DİNÇ E., BOZKIR A.
XII. Spectroscopy Congress with International Participation, Turkey, 18 - 22 May 2011
- LXXXVII. **pH induced in situ ophthalmic gelling system for ciprofloxacin HP & CD complex**
BAŞARAN B., BOZKIR A.
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Turkey, 26 - 28 October 2009
- LXXXVIII. **Surface modified PLGA microparticles as pulmonary delivery vehicles for rhIL 2**
DEVRİM B., BOZKIR A., CANEFE K.
3rd BBBB International Conference on Pharmaceutical Sciences, 26 - 28 October 2009
- LXXXIX. **Effect of different ratios of high and low molecular weight PLGA blend on the characteristics of recombinant human interleukin 2 microparticles**
DEVRİM B., BOZKIR A., CANEFE K.
36th Annual Meeting and Exposition of the Controlled Release Society, 18 - 22 July 2009
- XC. **The preparation and characterization of poly lactide co glycolide microspheres containing ovalbumin**
BOZKIR A., BAŞARAN B., SELİN Ç., DUYGU H., AMASYA G.
9th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 23 - 26 June 2009
- XCI. **Thermosensitive prolonged release ophthalmic gel for ciprofloxacin HP & CD complex**
BAŞARAN B., BOZKIR A.
2nd PharmSciFair, Nice, France, 8 - 12 June 2009
- XCII. **Biodegradable PLGA microparticles as a delivery system for protein effect of molecular weight of PLGA on the microparticle characteristics**
DEVRİM B., BOZKIR A., CANEFE K.
7th Central European Symposium on Pharmaceutical Technology and Biodelivery Systems, 18 - 20 September 2008
- XCIII. **Preperation and Characterization of PEGylated Chitosan and Polyethylenimine as a Non-viral Gene Delivery**
Saka O. M., Bozkir A.
14th International Pharmaceutical Technology Symposium, IPTS, Antalya, Turkey, 6 - 10 September 2008, pp.17-20
- XCIV. **PEGylated Chitosan Nanoparticles for Gene Delivery**
SAKA O. M., özbilgin n. d., BOZKIR A.
8th International Confrence of the European Chitin Society (EUCHIS'xx07), 8 - 11 September 2007, pp.54
- XCV. **Preparation and evaluation of surface modified PLGA microparticles with chitosan for pulmonary delivery of proteins**
DEVRİM B., BOZKIR A., CANEFE K.
8th International Conference of the European Chitin Society, 8 - 11 September 2007
- XCVI. **PEGylated Chitosan-plasmid DNA Nanoparticles: 1)Effect of PEGylation on Drug Loading and Drug Release**
Saka O. M., Bozkir A.
3rd World Congress of Board of Pharmaceutical Sciences of FIP, Amsterdam, Netherlands, 22 - 25 April 2007, pp.34
- XCVII. **Comparison study of Chitosan-PEG nanoparticles and PEG coated chitosan nanoparticles for gene delivery**
Bozkir A., Saka O. M.
Optimised Biotech Medicines: Second-Generation Pharmaceutical Proteins, EUFEPS, Munich, Germany, 11 - 12 January 2007, pp.30
- XCVIII. **Ciprofloxacin loaded ocular nanoparticles: Preparation and in-vitro charavterization**
Saka O. M., Bozkir A.
PharmSciFair, Pharmaceutical Sciences Fair & Exhibition, EUFEPS, Nice, France, 12 - 17 June 2005, pp.214
- XCIX. **Comparison of the Chitosan-DNA Nanoparticles Gene Transfection and Transformation Efficiencies**
Bozkir A., Saka O. M.
12th International Pharmaceutical Technology Symposium, IPTS, İstanbul, Turkey, 12 - 15 September 2004, pp.69-

- C. **Multiple emulsions (W/O/W) and biodegradable nanoparticles containing influenza virus antigen: Immune response in rats**
 Bozkır A., Hayta G., Saka O. M.
 Optimising Drug Delivery and Formulation: New Challenges in Drug Delivery; EUFEPS, Versailles, France, 29 September - 01 October 2003, pp.159
- CI. **Effects on Different Formulations of Chitosan-DNA Nanoparticles on Gene Transfection**
 Bozkır A., Saka O. M.
 30th Annual Meeting and Exposition of the Controlled Release Society, Glasgow, England, 19 - 23 July 2003, pp.578-579
- CII. **Chitosan-Plasmid DNA Nanoparticles: Effects of Different Molecular Weight Chitosan Nanoparticles on Drug Loading and Drug Release**
 Saka O. M., Bozkır A.
 9th International Symposium on Biomedical Science and Technology, BIOMED, Antalya, Turkey, 19 - 22 September 2002, no.29, pp.64
- CIII. **Chitosan Plasmid DNA Nanoparticles I Characterization and Properties of Different Molecular Weight Chitosan Nanoparticles**
 SAKA O. M., BOZKIR A.
 3rd World Congress of Pharmaceutical Sciences of FIP, 16 - 18 September 2002, pp.20
- CIV. **Comparing two Different Methods at Plasmid Purification**
 Saka O. M., Demir H., Bozkır A., Altanlar N.
 7th International Symposium on Pharmaceutical Sciences, ISOPS, Ankara, Turkey, 24 - 27 June 2002, pp.245
- CV. **Poly(lactide-co-glycolide) nanoparticles containing 5-Fluorouracil. II:Formulation Design**
 Bozkır A., Saka O. M.
 4th World Meeting on Pharmaceutics, Biopharmaceutics,Pharmaceutical Technology, Florence, Italy, 8 - 11 April 2002, pp.809-810
- CVI. **The experimental Design and Characterisation of PLGA Nanoparticles**
 Bozkır A., Saka O. M.
 FIP, World Congress of Pharmacy and Pharmaceutical Science, Singapore, Singapore, 1 - 06 September 2001, pp.82
- CVII. **Comperative Study on the Stability and Release of a Model Protein Encapsulated within Biodegradable PLLA and Chitosan Microparticles**
 Saka O. M., Bozkır A.
 The Second International Postgraduate Research Symposium on Pharmaceutics , İstanbul, Turkey, 6 - 08 September 2000, vol.17, pp.47
- CVIII. **Factors affecting the stability and release of a model protein encapsulated within biodegradable PLLA microparticles**
 SAKA O. M., İNAL Ö., Hayta G., BOZKIR A.
 6th International Symposium on Pharmaceutical Sciences, ISOPS-6, 2000, Ankara Üniversitesi, Ankara, 27 June 2000

Expert Reports

- I. **Development of optimal linkers for stapled peptides**
 BOZKIR A.
 2015
- II. **Scalable DNA Based Functional materials for bio inspired scavenging of genotoxic chemicals**
 BOZKIR A.
 2015
- III. **In situ raft synthesis of cRGDfunctionalized polymers as building blocks of targeted drug delivery systems**

BOZKIR A.

2015

IV. Nanoparticle mediated targeted drug delivery process chemistry cross disciplinary research

BOZKIR A.

2015

Supported Projects

Bozkır A., TÜBİTAK International Bilateral Joint Cooperation Program Project, Ecdysteroid Tabanlı Yenilikçi

Nörovasküler Koruyucu Sistemler:Bir NanotaşıyıcıPlatform ve Bir Gıda Takviyesi Prototipi, 2024 - 2027

Koç A., Bozkır A., Öz U. C., Küçüktürkmen B., Nemutlu E., Karaman Y., Ateş A., Alçığır M. E., Kaplan M., Bozkurt T. E., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Romatoid Artirit tedavisinde kullanılmak üzere nanoteknolojik ilaç taşıyıcı sistemlerin geliştirilmesi, 2023 - 2025

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., TUBITAK Project, Ülkemizde ve Dünyada Halk Sağlığını En Fazla Tehdit Eden HIV, HPV ve Influenza Kaynaklı Enfeksiyonlara Karşı Tanı Kitleri, İlaç Formülasyonları ve Aşı Geliştirilmes, 2020 - 2024

Bozkır A., Abamor E. Ş., Öz U. C., TUBITAK Project, Visseral Leishmaniasise Karşı Polikaprolakton Temelli İmmünokemoterapötik Ajanları İçeren Nanopartiküler Taşıyıcı Sistemlerin Geliştirilmesi, 2017 - 2022

Bozkır A., Project Supported by Other Official Institutions, Nanopartikül Yapısındaki İlaç Taşıyıcı Sistemlerin Formülasyonları Üzerinde Çalışmalar, 2020 - 2021

Öz U. C., Bozkır A., Küçüktürkmen B., Bakar Ateş F., TUBITAK Project, Alzheimer Hastalığı Tedavisine Yönelik Humanin İçeren Lipit Nanopartikül Formülasyonlarının Hazırlanması, İn-Vitro ve İn-Vivo Değerlendirilmesi, 2019 - 2021

Bozkır A., Devrim Gökberk B., KÜÇÜKTÜRK MEN B., TUBITAK Project, Oral İnsülin Verilişi İçin Protamin Bazlı Nanopartiküllerı İçeren Enterik Kaplı Kapsüllerin Hazırlanması, İn Vitro ve İn Vivo Değerlendirilmesi, 2017 - 2019

BOZKIR A., Project Supported by Higher Education Institutions, Meme kanserine yönelik terapötik etkili proteinlerin rekombinant üretimi, 2017 - 2018

Bozkır A., Saka O. M., Devrim Gökberk B., TUBITAK Project, Prostat Ve Meme Kanseri Teşhis Ve Tedavisinde Kullanılacak Poli(2-Etil-2-Oksazolin) (Petox) Esashı Çok İşlevsel Taşıyıcı Sistemlerin Geliştirilmesi, 2014 - 2018

Devrim Gökberk B., Saka O. M., Bozkır A., Ünsal E., KÜÇÜKTÜRK MEN B., TUBITAK 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

Bozkır A., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Bazı Bitki Ekstraktlarının Organik Sebze Yetiştiriciliğinde Görülen Zararlılara Karşı Kullanım Olanaklarının Belirlenmesi, 2006 - 2010

Bozkır A., Project Supported by Other Official Institutions, Plazmid DNA İçeren Kitosan Mikroküre Formülasyonlarının in vitro Değerlendirilmesi, 2000 - 2002

Bozkır A., Project Supported by Other Official Institutions, Türkiye de Üretilen Katı İlaç Şekillerinin Memleketimiz Coğrafi ve İklim Özelliklerine Bağlı Olarak Stabilitelerinin Araştırılması, 1987 - 1989

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

Kontrollu Salım Sistemleri Derneği, Member, 2016 - Continues, Turkey
The European Federation of Biotechnology (EFB), Member, 2010 - Continues, Switzerland
Türk Farmasötik Teknoloji Araştırmacıları Derneği, Member, 1991 - Continues, Turkey
TEB II Bölge Ankara Ecza Odası, Member, 1989 - Continues, Turkey
Türk Farmasötik Teknoloji Araştırmacıları Derneği-TÜFTAD, Board Member, 2005 - 2007, Turkey

Scientific Refereeing

EUROPEAN JOURNAL OF PHARMACOLOGY, SCI Journal, January 2020
TUBITAK Project, 1004 - Mükemmeliyet Merkezi Destek Programı FAZ II, Ankara University, Turkey, January 2020
TUBITAK Project, 1501 - Industry R & D Projects Support Program, İLAÇ FİRMASI, Turkey, January 2011

Scientific Consultations

Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2020 - Continues
Türkiye Halk Sağlığı Kurumu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2018 - Continues
Türkiye Sağlık Enstitüleri Başkanlığı (TUSEB), Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2018 - Continues
Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2022 - 2023
Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK Geleneksel Bitkisel Tıbbi Ürünler Komisyonu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2020 - 2022
Türkiye Halk Sağlığı Kurumu, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2016 - 2022
Sağlık Bakanlığı, Türkiye İlaç ve Tıbbi Cihaz Kurumu-TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 2021 - 2021
TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 1999 - 2020
TİTCK, Scientific Consultancy, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Turkey, 1998 - 2020

Tasks In Event Organizations

Bozkır A., Ankara Üniversitesi Eczacılık Fakültesi 62. Kuruluş Yıldönümü Meslek içi Eğitim Programı, Workshop Organization, Turkey, Aralık 2022
Bozkır A., Ankara Üniversitesi Eczacılık Fakültesi 62. Kuruluş Yılı - Mezun Buluşması, Social Activities, Turkey, Aralık 2022
Bozkır A., Kariyer Günleri 1, İlaç Keşfi ve Geliştirilmesinde Yapay zeka, Scientific Congress, Turkey, Kasım 2022
Bozkır A., PHARMANKARA, 3. Uluslararası Eczacılık Kongresi, Scientific Congress, Ankara, Turkey, Ekim 2022
Bozkır A., Kariyer Gelişim Programı, Scientific Congress, Turkey, Mayıs 2022
Bozkır A., Kariyer Günleri II, Scientific Congress, Turkey, Nisan 2022
Bozkır A., Prof.Dr. Kandemir Canefe Anma Toplantısı, Social Activities, Turkey, Mart 2022
Sezgin Bayındır Z., Kaşkatepe B., BOZKIR A., ISOPS-13, Scientific Congress, Ankara, Turkey, Haziran 2021

Metrics

Publication: 215
Citation (WoS): 708
Citation (Scopus): 947

H-Index (WoS): 15

H-Index (Scopus): 17

Awards

Bozkır A., Poster Üçüncülük Ödülü, Eczacılık Eğitim Programlarını Değerlendirme Ve Akreditasyon Derneği (Eczakder),

January 2024

Bozkır A., En İyi Poster İkincilik Ödülü, 1St International Conference On New Trends İn Chemometricsand Applications,

October 2011

Saka O. M., Bozkır A., Novartis Bilim Ödülleri, Novartis İlaç Sanayi, April 2005