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Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2013 - 2019

Under Graduate, Inonu University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2006 - 2011

Dissertations

Doctorate, Formulation and Characterization of Anticancer Drug Loaded Targeted Polymeric Nanocarriers, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji A.B.D., 2019

Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Technology

Academic Titles / Tasks

Assistant Professor, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2019 - Continues

Research Assistant PhD, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2019 - 2019

Research Assistant, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2018 - 2019

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2014 - 2018

Research Assistant, Inonu University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2013 - 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Exploiting ionisable nature of PEtOx-co-PEI to prepare pH sensitive, doxorubicin-loaded micelles**
Ozturk N., Kara A., Gulyuz S., Ozkose U., Tasdelen M., Bozkir A., Yilmaz O., Vural I.
JOURNAL OF MICROENCAPSULATION, vol.37, pp.467-480, 2020 (Journal Indexed in SCI)
- II. **Preparation and in vitro characterization of rosuvastatin calcium incorporated methyl beta cyclodextrin and Captisol(R) inclusion complexes**
Al-Heibshy F. N. S. , Basaran E., ÖZTÜRK N., Demirel M.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.9, pp.1495-1506, 2020 (Journal Indexed in SCI)
- III. **Design of ocular drug delivery platforms and in vitro - in vivo evaluation of riboflavin to the cornea by non-interventional (epi-on) technique for keratoconus treatment**
AYTEKİN E., ÖZTÜRK N., VURAL İ., POLAT H. K. , Çakmak H. B. , ÇALIŞ S., Pehlivan S. B.
JOURNAL OF CONTROLLED RELEASE, vol.324, pp.238-249, 2020 (Journal Indexed in SCI)
- IV. **Development of besifloxacin HCl loaded nanofibrous ocular inserts for the treatment of bacterial keratitis: In vitro, ex vivo and in vivo evaluation**

POLAT H. K. , Bozdağ Pehlivan S., Özkul C., ÇALAMAK S., Öztürk N., AYTEKİN E., FIRAT A., ULUBAYRAM K., KOCABEYOĞLU S., İrkeç M., et al.

INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.585, 2020 (Journal Indexed in SCI)

- V. **Physicochemical characterization and pharmacokinetic evaluation of rosuvastatin calcium incorporated solid lipid nanoparticles**
Al-Heibshy F. N. S. , Basaran E., Arslan R., Ozturk N., Erol K., Demirel M.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.578, 2020 (Journal Indexed in SCI)
- VI. **Preparation, characterization and pharmacokinetic evaluation of rosuvastatin calcium incorporated cyclodextrin-polyanhydride nanoparticles**
Al-Heibshy F. N. S. , Basaran E., Arslan R., Ozturk N., VURAL İ., Demirel M.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.45, no.10, pp.1635-1645, 2019 (Journal Indexed in SCI)
- VII. **Discovery of new azoles with potent activity against Candida spp. and Candida albicans biofilms through virtual screening**
SARI S., KART D., Ozturk N., KAYNAK F. B. , Gencil M., TAŞKOR ÖNEL G., KARAKURT A., Sarac S., Essiz S., DALKARA S.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.179, pp.634-648, 2019 (Journal Indexed in SCI)
- VIII. **Radiolabeled, folate-conjugated liposomes as tumor imaging agents: Formulation and in vitro evaluation**
Silindir-Gunay M., KARPUZ M., Ozturk N., ÖZER A. Y. , ERDOĞAN S., TUNCEL M.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.50, pp.321-328, 2019 (Journal Indexed in SCI)
- IX. **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., Ozturk N., ESENDAĞLI G., Ozkose U. U. , Gulyuz S., Yilmaz O., Telci D., Bozkir A., VURAL İ.
Artificial Cells, Nanomedicine and Biotechnology, vol.46, 2018 (Journal Indexed in SCI)
- X. **A potential non-invasive glioblastoma treatment: Nose-to-brain delivery of farnesylthiosalicylic acid incorporated hybrid nanoparticles**
Sekerdag E., Lule S., Pehlivan S. B. , Ozturk N., Kara A., Kaffashi A., VURAL İ., Isikay I., Yavuz B., Oguzh K. K. , et al.
JOURNAL OF CONTROLLED RELEASE, vol.261, pp.187-198, 2017 (Journal Indexed in SCI)
- XI. **Preparation and evaluation of furosemide containing orally disintegrating tablets by direct compression**
Gulsun T., Ozturk N., Kaynak M. S. , Vural I., Sahin S.
PHARMAZIE, vol.72, no.7, pp.389-394, 2017 (Journal Indexed in SCI)
- XII. **Evaluation of Antitumor Activity of a Non-Steroidal Anti-Inflammatory Drug, Ibuprofen, by a Targeted Nanoparticulate System**
Ozturk N., KARA A., VURAL İ.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.36, no.1, pp.44-52, 2017 (Journal Indexed in SCI)
- XIII. **Comparison of Dissolution Profiles of Commercially Available Lamivudine Tablets**
ÖZTÜRK N., KAYNAK M. S. , ŞAHİN S.
DISSOLUTION TECHNOLOGIES, vol.22, no.4, pp.38-43, 2015 (Journal Indexed in SCI)
- XIV. **Formulation development, stability and anticancer efficacy of core-shell cyclodextrin nanocapsules for oral chemotherapy with camptothecin**
Unal H., Ozturk N., BİLENSOY E.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.11, pp.204-212, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Formulation and In Vitro Evaluation of Telmisartan Nanoparticles Prepared by Emulsion-Solvent Evaporation Technique**
ÖZTÜRK N., KARA A., VURAL İ.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.5, pp.492-499, 2020 (Journal Indexed in ESCI)

Books & Book Chapters

I. In vitro CNS models

KARA A., ÖZTÜRK N., VURAL İ.

in: Nanotechnology Methods for Neurological Diseases and Brain Tumors, , Editor, Elsevier, Academic Press, 2017

Refereed Congress / Symposium Publications in Proceedings

I. CELLULAR UPTAKE OF TWO DIFFERENT MICELLES PREPARED WITH POLY(2-ETHYL-2-OXAZOLINE) BLOCK COPOLYMERS

ÖZTÜRK N., KARA A., GÜLYÜZ S., ÖZKÖSE U. U. , BOZKIR A., YILMAZ Ö., VURAL İ.

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

II. EVALUATION OF DUAL EFFECT OF SODIUM BOROHYDRIDE (NaBH₄) AS A REDUCING AND CROSSLINKING AGENT FOR DEVELOPMENT OF SILVER NANOPARTICLES (AgNPs) LOADED CHITOSAN-POLY(VINYL ALCOHOL)(CS-PVA) HYDROGELS

KARA A., ÖZTÜRK N., VURAL İ.

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

III. Polymeric Drug Carriers for Targeted Therapy of Breast Cancer

bolat z. b. , Nezir A. E. , ÖZTÜRK N., KARA A., Gulyuz S., ÖZKÖSE U. U. , Yilmaz O., VURAL İ., BOZKIR A., TELCİ D., et al.
EACR Nanotechnology in Cancer, 12 - 14 September 2019

IV. EVALUATION OF STEALTH PROPERTIES OF PEtO_x BASED MICELLE/GENE COMPLEXES BY STABILITY STUDIES

KARA A., ÖZTÜRK N., Gulyuz S., ÖZKÖSE U. U. , bolat z. b. , Yilmaz O., TELCİ D., BOZKIR A., VURAL İ.

IPTS 2018, 17 - 19 September 2018

V. IN VITRO EVALUATION OF pH SENSITIVE DOXORUBICIN LOADED MICELLES

ÖZTÜRK N., KARA A., ÖZKÖSE U. U. , Gulyuz S., Yilmaz O., BOZKIR A., VURAL İ.

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VI. APOPTOTIC GENE THERAPY BY NOVEL DEVELOPED PARTIALLY HYDROLYSED PEtO_x BASED MICELLAR NANOCARRIERS ON MCF-7 BREAST CANCER CELLS

KARA A., ÖZTÜRK N., ESENDAĞLI G., ÖZKÖSE U. U. , Gulyuz S., bolat z. b. , Yilmaz O., TELCİ D., BOZKIR A., VURAL İ.

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VII. In-vitro Caco-2 Permeability Studies of Ziprasidone Hydrochloride Monohydrate Nanosuspensions

TAŞHAN E., KARAKÜÇÜK A. E. , ÖZTÜRK N., ÇELEBİ F. N.

19th International Pharmaceutical Tehnology Symposium (IPTS), 17 - 19 September 2018

VIII. PREPARATION AND CHARACTERIZATION OF DOCETAXEL LOADED POLYMERIC MICELLES

ÖZTÜRK N., KARA A., ÖZKÖSE U. U. , Gulyuz S., Yilmaz O., BOZKIR A., VURAL İ.

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IX. Investigation of Cytotoxic Effects of Daidzein and Levetiracetam on RG2 Glioma Cell Line

ÖZTÜRK N., UĞUR A. B. , ÇETİN M., VURAL İ.

19th International Pharmaceutical Technology Symposium, 17 - 19 September 2018, pp.176-177

X. ENHANCED ORAL BIOAVAILABILITY OF ROSUVASTATIN CALCIUM BY CYCLODEXTRIN-POLY(ANHYDRITE) NANOPARTICLES

AL HEIBSHY F., BAŞARAN E., ÖZTÜRK N., ARSLAN R., EROL K., DEMİREL M.

CRS 2018, New-York, United States Of America, 22 - 24 July 2018, vol.1

XI. SOLID LIPID NANOPARTICLES FOR THE ENHANCED ORAL BIOAVAILABILITY OF ROSUVASTATIN CALCIUM

AL HEIBSHY F., BAŞARAN E., ÖZTÜRK N., ARSLAN R., EROL K., DEMİREL M.

CRS 2018, New-York, United States Of America, 22 - 24 July 2018, pp.315

XII. ENHANCEMENT OF SOLUBILITY OF ROSUVASTATIN CALCIUM BY COMPLEXATION WITH METHYL-BETA-CYCLODEXTRIN

AlHeibshy F. N. S. , BAŞARAN E., ÖZTÜRK N., DEMİREL M.

2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017

- XIII. **ORALLY DISINTEGRATING TABLETS OF TELMISARTAN FORMULATION DEVELOPMENT AND EVALUATION**
PEZİK E., ÖZTÜRK N., VURAL İ.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XIV. **PULLULAN BASED ORALLY DISINTEGRATING FILMS OF TELMISARTAN**
ÖZTÜRK N., PEZİK E., KARA A., VURAL İ.
2nd INTERNATIONAL GPSS GAZI PHARMA SYMPOSIUM SERIES, Ankara, Turkey, 11 - 13 October 2017
- XV. **DEVELOPMENT AND CHARACTERIZATION OF NOVEL CO-DELIVERY SYSTEM BASED ON DEXAMETHASONE SODIUM PHOSPHATE (DEX-NP) LOADED CHITOSAN WITH PLASMID DNA**
KARA A., ÖZTÜRK N., VURAL İ.
2nd INTERNATIONAL GPSS Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XVI. **INCLUSION COMPLEXES OF ROSUVASTATIN CALCIUM WITH SULFOBUTYLETHYR-BETA-CYCLODEXTRIN (CAPTISOL®)**
AlHeibshy F. N. S. , BAŞARAN E., ÖZTÜRK N., DEMİREL M.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XVII. **THE BIODISTRIBUTION OF FARNESYLTHIOSALICYLIC ACID INCORPORATED HYBRID NANOPARTICLES FOLLOWING INTRANASAL ADMINISTRATION IN RATS**
ŞEKERDAĞ E., LÜLE S., PEHLİVAN S., ÖZTÜRK N., KARA A., KAFFASHİ A., VURAL İ., IŞIKAY A. İ. , YAVUZ B., KARLI OĞUZ H. K. , et al.
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XVIII. **Nose-to-brain delivery of farnesylthiosalicylic acid loaded hybrid nanoparticles in the treatment of glioblastoma**
Sekerdag E., Lule S., PEHLİVAN S., KARA A., Ozturk N., Kaffashi A., VURAL İ., Yavuz B., Oguz K. K. , Soylemezoğlu F., et al.
23rd World Congress of Neurology (WCN), Kyoto, Japan, 16 - 21 September 2017, vol.381, pp.171-172
- XIX. **Transferrine hedeflendirilmiş paklitaksel yüklü PLGA nanopartiküllerinin meme kanserindeki etkinliği**
TONBUL H., ŞAHİN A., ÖZTÜRK N., VURAL İ., KAYNAK M. S. , ÇAPAN Y.
1. Anadolu Üniversitesi Eczacılık Fakültesi Sempozyumu (ANES), Turkey, 1 June - 02 January 2017
- XX. **In vitro CACO-2 cell permeability studies of ritonavir nanosuspension formulation**
KARAKÜÇÜK A. E. , ÖZTÜRK N., VURAL İ., TEKSİN Z. Ş. , ÇELEBİ F. N.
6th FIP Pharmaceutical Sciences World Congress 2017, 21 - 24 May 2017
- XXI. **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., BOLAT Z. B. , YILMAZ Ö., TELCİ D., BOZKIR A., VURAL İ.
AAPS 2017 NATIONAL BIOTECHNOLOGY, San Diego, United States Of America, 1 - 03 May 2017
- XXII. **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., yılmaz ö., BOZKIR A., VURAL İ.
AAPS 2017 NATIONAL BIOTECHNOLOGY CONGRESS, San Diego, United States Of America, 01 May 2107 - 03 May 2017
- XXIII. **TELMISARTAN LOADED NANOPARTICLES PREPARED BY EMULSION SOLVENT EVAPORATION TECHNIQUE**
ÖZTÜRK N., KARA A., VURAL İ.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 September 2016
- XXIV. **IN VITRO EVALUATION OF DEXAMETHASONE SODIUM PHOSPHATE LOADED CHITOSAN NANOPARTICLES AS AN ANTITUMOR AGENT ON MCF 7 CELL LINE**

- KARA A., ÖZTÜRK N., VURAL İ.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 September 2016
- XXV. **MICELLAR CHARACTERISTICS OF POLY 2 ETHYL 2 OXAZOLINE co POLY ETHYLENIMINE block POLY CAPROLACTONE PEtOx co PEI b PCL BLOCK COPOLYMERS OF DIFFERENT HYDROLYSIS DEGREES OF PEtOx**
KARA A., ÖZTÜRK N., GÜLYÜZ S., ÖZKÖSE U. U. , VURAL İ., YILMAZ Ö., BOZKIR A.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 September 2016
- XXVI. **INVESTIGATION OF ANTI TUMOR EFFECT OF TELMISARTAN LOADED POLY D LLACTIDE NANOPARTICLES ON MCF 7 CELLS**
ÖZTÜRK N., KARA A., VURAL İ.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 September 2016
- XXVII. **DISSOLUTION PROFILES OF FOSINOPRIL SODIUM ORODISPERSIBLE TABLETS AND ORODISPERSIBLE FILMS**
ŞAHİN G., ÖZTÜRK N., VURAL İ.
18th International Pharmaceutical Technology Symposium-IPTS 2016, 18 - 21 September 2016
- XXVIII. **Polymeric micelles based on poly 2 ethyl 2 oxazoline as drug carriers**
ÖZTÜRK N., KARA A., UMUT UĞUR Ö., YILMAZ Ö., BOZKIR A., VURAL İ.
INTERNATIONAL GAZİ PHARMA SYMPOSIUM SERIES, Antalya, Turkey, 12 - 15 November 2015
- XXIX. **Development and evaluation of orally disintegrating tablets of fosinopril sodium by direct compression method**
ŞAHİN G., ÖZTÜRK N., VURAL İ.
INTERNATIONALGAZİ PHARMA SYMPOSIUM SERIES, Antalya, Turkey, 12 - 15 November 2015
- XXX. **The effect of preparation method on size of poly 2 ethyl 2 oxazoline petox b polycaprolactone pcl polymeric micelles**
KARA A., ÖZTÜRK N., GÜLYÜZ S., YILMAZ Ö., BOZKIR A., VURAL İ.
INTERNATIONAL GAZİ PHARMA SYMPOSIUM SERIES, Antalya, Turkey, 12 - 15 November 2015
- XXXI. **Determination of cytotoxicity of dexamethasone sodium phosphate on MCF 7 and 1929 cell lines**
KARA A., ÖZTÜRK N., VURAL İ.
INTERNATIONAL GAZİ PHARMA SYMPOSIUM SERIES, Antalya, Turkey, 12 - 15 November 2015
- XXXII. **In vitro characterization and evaluation of pla nanoparticles loaded with telmisartan**
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INTERNATIONAL GAZİ PHARMA SYMPOSIUM SERIES, Antalya, Turkey, 12 - 15 November 2015
- XXXIII. **Comparison of Dissolution Profiles of Two Commercially Available Furosemide Tablets**
ÖZTÜRK N., ATEŞ M., KAYNAK M. S. , ŞAHİN S.
MAGUM-DRD 2011, International Symposium on Drug Research and Development From Chemistry to Medicine, 27 - 29 May 2011

Supported Projects

Vural İ., TUBITAK Project, Development of The Poly(2-ethyl-2-oxazoline) (PEtOx) Based Multifunctional Carrier Systems for Treatment and Diagnosis of The Prostate and The Breast Cancer, 2014 - 2018

Öztürk N., Kara A., Vural İ., Project Supported by Higher Education Institutions, Lipofilik İlaçların Enkapsülasyonu İçin Aktif Hedeflendirilmiş Polimerik Nanotaşıyıcı Formülasyonlarının Optimizasyonu ve Hücre Kültürü Çalışmaları ile Değerlendirilmeleri, 2015 - 2016

Öztürk N., Vural İ., TUBITAK Project, Fosinopril Sodyum İçeren Ağızda Hızla Dağılan Dozaj Formlarının Geliştirilmesi Ve Karakterizasyonları, 2014 - 2016

Citations

Total Citations (WOS):52

h-index (WOS):4