

## **Prof. Dr. İMRAN VURAL**

### **Kişisel Bilgiler**

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### **Eğitim Bilgileri**

Doktora, Northeastern University, Pharmacy/Health Sciences/Pharmaceutical-Drug Targeting, Amerika Birleşik Devletleri 1993 - 1998

Yüksek Lisans, Hacettepe Üniversitesi, Eczacılık/Sağlık Bilimleri/Farmasötik Teknoloji, Türkiye 1986 - 1989

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1982 - 1986

### **Yabancı Diller**

İngilizce, C1 İleri

### **Araştırma Alanları**

Sağlık Bilimleri, Eczacılık, Eczacılık Teknolojisi, Farmasötik Teknoloji

### **Akademik Unvanlar / Görevler**

Prof. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2012 - Devam Ediyor

Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2006 - 2012

Yrd. Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2000 - 2006

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1998 - 2000

Araştırma Görevlisi, Northeastern University, Bouve College Of Pharmacy, Pharmaceutical Sciences, 1993 - 1998

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1986 - 1992

### **Akademik İdari Deneyim**

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2016 - 2018

### **Verdiği Dersler**

#### **Doktora**

FARMASÖTİK DOZAJ ŞEKİLLERİNİN DEĞERLENDİRİLMESİNDE HÜCRE KÜLTÜRÜ UYGULAMALARI, Doktora, 2023 - 2024

NNT-NANOTEKNOLOJİ İLAÇ HEDEFLENDİRİLMESİ, Doktora, 2016 - 2017

#### **Yüksek Lisans**

YENİ İLAÇ TAŞIYICI SİSTEMLER, Yüksek Lisans, 2016 - 2017

#### **Lisans**

Farmasötik Teknoloji III LabErzincan Üniversitesi, Lisans, 2016 - 2017

Farmasötik Teknoloji III Erzincan Üniversitesi, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ III, Lisans, 2016 - 2017

Farmasötik Teknoloji II Lab -Erzincan Üniversitesi, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ II, Lisans, 2016 - 2017

Farmasötik Teknoloji IV Lab-Erzincan Üniversitesi, Lisans, 2016 - 2017

Farmsötik Teknoloji IV -Erzincan Üniversitesi, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ ILAB-ERZİNCAN ÜNİVERSİTESİ, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ I, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ I-ERZİNCAN ÜNİVERSİTESİ, Lisans, 2016 - 2017

FARMASÖTİK TEKNOLOJİ I LAB, Lisans, 2016 - 2017

#### **Yönetilen Tezler**

Vural İ., Antiparaziter ilaçlar yüklü hedeflendirilmiş nanotaşıyıcıların formülasyonu ve değerlendirilmesi, Doktora, Y.GÜLTEKİN(Öğrenci), 2023

Vural İ., Hipertansiyon tedavisinde etkili çözünürlük sorunu olan bir etkin madde üzerinde önformülasyon çalışmaları, Doktora, E.PEZİK(Öğrenci), 2022

Vural İ., Hedeflendirilmiş antikanser ilaç yüklü polimerik nanotaşıyıcıların formülasyonları ve karakterizasyonları, Doktora, N.ÖZTÜRK(Öğrenci), 2019

Vural İ., Nanoboyutlu polimerik miseller sistemler ile gen tedavisine yönelik yaklaşımlar, Doktora, A.KARA(Öğrenci), 2018

VURAL İ., Fosinopril sodyum içeren ağızda hızla dağılan dozaj formlarının geliştirilmesi ve karakterizasyonları, Yüksek Lisans, G.ŞAHİN(Öğrenci), 2016

VURAL İ., Kanser tedavisinde kullanılacak aktif hedeflendirilmiş farmasötik nanotaşıyıcılar, Doktora, C.SARISÖZEN(Öğrenci), 2012

Vural İ., Klozapin içeren ağızda dağılan tablet formülasyonu geliştirilmesi, in vitro ve in vivo yöntemlerle değerlendirilmesi, Doktora, S.SEVTAP(Öğrenci), 2010

VURAL İ., Development of rapamycin drug delivery systems, their characterization and investigation of the antiproliferative effect on cell cultures, Doktora, M.ABDUR(Öğrenci), 2007

#### **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Development of phytase targeted PLGA nanoparticles loaded with albendazole sulfoxide and praziquantel and evaluation of efficacy on the hydatid cysts**

Gultekin Y., Korkmaz C., ÖZTÜRK N., FİLAZİ A., Deniz A., VURAL İ.

JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, 2025 (SCI-Expanded)

- II. **Preparation and evaluation of fast-dissolving albendazole sulfoxide and praziquantel-loaded polyvinylpyrrolidone nanofiber films by electrospinning**

Gültekin Y., Korkmaz Ç., ÖZTÜRK N., FİLAZİ A., Deniz A., Doğan O., PEZİK E., Barın G., VURAL İ.

Journal of Drug Delivery Science and Technology, cilt.92, 2024 (SCI-Expanded)

- III. **Preparation of nanosuspensions of a 1,4-dihydropyridine-based mixed L-/T-type calcium channel blocker by combined precipitation and ultrasonication methods**

- PEZİK E., GÜLSÜN İNAL T., GÜNDÜZ M. G., ŞAHİN S., ÖZTÜRK N., VURAL İ.  
Journal of Drug Delivery Science and Technology, cilt.87, 2023 (SCI-Expanded)
- IV. Targeting prostate cancer with docetaxel-loaded peptide 563-conjugated PEtOx-co-PEI30%-b-PCL polymeric micelle nanocarriers  
Nezir A. E., Bolat Z. B., ÖZTÜRK N., Kocak P., Zemheri E., Gulyuz S., Ozkose U. U., Yilmaz O., VURAL İ., BOZKIR A., et al. Amino Acids, cilt.55, sa.8, ss.1023-1037, 2023 (SCI-Expanded)
- V. Preparation of nanodelivery systems for oral administration of low molecular weight heparin  
Rüzgar Özembre G., KARA A., Pezik E., TORT S., VURAL İ., ACARTÜRK F.  
Journal of Drug Delivery Science and Technology, cilt.79, 2023 (SCI-Expanded)
- VI. Development and characterization of polymeric nanoparticles containing ondansetron hydrochloride as a hydrophilic drug  
ÖZDAL Z. D., Gültekin Y., VURAL İ., TAKKA S.  
Journal of Drug Delivery Science and Technology, cilt.74, 2022 (SCI-Expanded)
- VII. Development of tumor-specific liposomes containing quantum dots-photosensitizer conjugate used for radiotherapy  
Karabuga M., Erdogan S., Timur S. S., VURAL İ., calamak S., Ulubayram K.  
JOURNAL OF LIPOSOME RESEARCH, cilt.32, sa.4, ss.396-404, 2022 (SCI-Expanded)
- VIII. 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., Khalily M. P., KESİÇİ M. S., Kocak P., Bolat Z. B., KARA A., ÖZTÜRK N., ÖZCUBUKÇU S., BOZKIR A., et al.  
NEW JOURNAL OF CHEMISTRY, cilt.45, ss.14532-14547, 2021 (SCI-Expanded)
- IX. Development and characterization of pullulan-based orally disintegrating films containing amlodipine besylate  
PEZİK E., Gulsun T., ŞAHİN S., VURAL İ.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.156, 2021 (SCI-Expanded)
- X. 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, cilt.37, sa.7, ss.467-480, 2020 (SCI-Expanded)
- XI. 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., Vurla İ., POLAT H. K., Cakmak H. B., ÇALIŞ S., Pehlivan S. B.  
Journal of Controlled Release, cilt.324, ss.238-249, 2020 (SCI-Expanded)
- XII. Development of an Anti-Inflammatory Drug-Incorporated Biomimetic Scaffold for Corneal Tissue Engineering  
Celebier S. K., Pehlivan S., DEMİRBILEK M., Akinci M., VURAL İ., AKDAĞ ÇAYLI Y., Yuruker S., Unlu N.  
Journal of Ocular Pharmacology and Therapeutics, cilt.36, sa.6, ss.433-446, 2020 (SCI-Expanded)
- XIII. Combination of Paclitaxel and R-flurbiprofen loaded PLGA nanoparticles suppresses glioblastoma growth on systemic administration  
Caban-Toktas S., Sahin A., Lule S., Esen dagli G., Vural İ., Karli Oguz K., Soylemezoglu F., Mut M., Dalkara T., Khan M., et al.  
International Journal of Pharmaceutics, cilt.578, 2020 (SCI-Expanded)
- XIV. Preparation, characterization and pharmacokinetic evaluation of rosuvastatin calcium incorporated cyclodextrin-polyanhydride nanoparticles  
Al-Heibshy F. N. S., BAŞARAN E., ARSLAN R., ÖZTÜRK N., VURAL İ., DEMİREL M.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.45, sa.10, ss.1635-1645, 2019 (SCI-Expanded)
- XV. Floating drug delivery system of itraconazole: Formulation, in vitro and in vivo studies  
Gokbulut E., VURAL İ., Asikoglu M., Ozdemir N.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.49, ss.491-501, 2019 (SCI-Expanded)
- XVI. Preparation and characterization of furosemide nanosuspensions  
GÜLSÜN İNAL T., Borna S. E., VURAL İ., ŞAHİN S.

- JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.45, ss.93-100, 2018 (SCI-Expanded)
- XVII. **Development and characterization of gels and liposomes containing ovalbumin for nasal delivery**  
Kaplan M., Tugcu-Demiroz F., VURAL İ., Celebi N.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.44, ss.108-117, 2018 (SCI-Expanded)
- XVIII. **Development and evaluation of orally disintegrating tablets comprising taste-masked mirtazapine granules**  
Yildiz S., AYTEKİN E., Yavuz B., Pehlivan S. B., VURAL İ., UNLU N.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.23, sa.5, ss.488-495, 2018 (SCI-Expanded)
- XIX. **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, cilt.46, 2018 (SCI-Expanded)
- XX. **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, cilt.261, ss.187-198, 2017 (SCI-Expanded)
- XXI. **Farnesylthiosalicylic acid-loaded lipid-polyethylene glycol-polymer hybrid nanoparticles for treatment of glioblastoma**  
KAFFASHI A., Lule S., PEHLIVAN S. B., SARISOZEN C., VURAL İ., KOSUCU H., Demir T., Bugdayci K. E., Soylemezoglu F., OGUZH K. K., et al.  
JOURNAL OF PHARMACY AND PHARMACOLOGY, cilt.69, sa.8, ss.1010-1021, 2017 (SCI-Expanded)
- XXII. **Dry powders for the inhalation of ciprofloxacin or levofloxacin combined with a mucolytic agent for cystic fibrosis patients.**  
Akdag C., SAHIN S., BUTTINI F., BALDUCCI A., MONTANARI S., VURAL İ., ONER L.  
Drug development and industrial pharmacy, cilt.43, ss.1378-1389, 2017 (SCI-Expanded)
- XXIII. **New azole derivatives showing antimicrobial effects and their mechanism of antifungal activity by molecular modeling studies**  
DOGAN I. S., SARAC S., SARI S., KART D., Gokhan S. E., VURAL İ., DALKARA S.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, cilt.130, ss.124-138, 2017 (SCI-Expanded)
- XXIV. **Design and In Vitro Evaluation of Bispecific Complexes and Drug Conjugates of Anticancer Peptide, LyP-I in Human Breast Cancer**  
TİMUR S. S., Bhattacharai P., GÜRSOY R. N., VURAL İ., Khaw B.  
PHARMACEUTICAL RESEARCH, cilt.34, sa.2, ss.352-364, 2017 (SCI-Expanded)
- XXV. **Preparation and evaluation of furosemide containing orally disintegrating tablets by direct compression**  
Gulsun T., Ozturk N., Kaynak M. S., Vural I., Sahin S.  
Pharmazie, cilt.72, sa.7, ss.389-394, 2017 (SCI-Expanded)
- XXVI. **Evaluation of Antitumor Activity of a Non-Steroidal Anti-Inflammatory Drug, Ibuprofen, by a Targeted Nanoparticulate System**  
ÖZTÜRK N., KARA A., VURAL İ.  
LATIN AMERICAN JOURNAL OF PHARMACY, cilt.36, sa.1, ss.44-52, 2017 (SCI-Expanded)
- XXVII. **In Vitro CNS Models**  
KARA A., ÖZTÜRK N., VURAL İ.  
NANOTECHNOLOGY METHODS FOR NEUROLOGICAL DISEASES AND BRAIN TUMORS: DRUG DELIVERY ACROSS THE BLOOD-BRAIN BARRIER, ss.151-185, 2017 (SCI-Expanded)
- XXVIII. **Dexamethasone - PAMAM dendrimer conjugates for retinal delivery: preparation, characterization and in vivo evaluation**  
Yavuz B., Pehlivan S., Bolu B. S., Sanyal R. N., VURAL İ., UNLU N.  
JOURNAL OF PHARMACY AND PHARMACOLOGY, cilt.68, sa.8, ss.1010-1020, 2016 (SCI-Expanded)
- XXIX. **Lysozyme-loaded lipid-polymer hybrid nanoparticles: preparation, characterization and colloidal**

**stability evaluation**

DEVRİM B., KARA A., VURAL İ., Bozkuir A.

DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.42, sa.11, ss.1865-1876, 2016 (SCI-Expanded)

- XXX. **In Vitro/In Vivo Evaluation of DexamethasonePAMAM Dendrimer Complexes for Retinal Drug Delivery**

Yavuz B., Pehlivan S., VURAL İ., UNLU N.

JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.104, sa.11, ss.3814-3823, 2015 (SCI-Expanded)

- XXXI. **Preparation and in vitro/in vivo evaluation of cyclosporin A-loaded nanodecorated ocular implants for subconjunctival application**

PEHLİVAN S., Yavuz B., ÇALAMAK S., ULUBAYRAM K., KAFFASHI A., VURAL İ., Cakmak H. B., DURGUN M. E., DENKBAŞ E. B., UNLU N.

Journal of Pharmaceutical Sciences, cilt.104, sa.5, ss.1709-1720, 2015 (SCI-Expanded)

- XXXII. **5-Fluorouracil-loaded PLA/PLGA PEG-PPG-PEG polymeric nanoparticles: formulation, in vitro characterization and cell culture studies**

Ocal H., Arica-Yegin B., VURAL İ., Goracinova K., ÇALIŞ S.

DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.40, sa.4, ss.560-567, 2014 (SCI-Expanded)

- XXXIII. **Development and Evaluation of Paclitaxel Nanoparticles Using a Quality-by-Design Approach**

Yerlikaya F., Ozgen A., VURAL İ., Guven O., Karaagaoglu E., Khan M. A., ÇAPAN Y.

JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.102, sa.10, ss.3748-3761, 2013 (SCI-Expanded)

- XXXIV. **Preparation and characterization of metformin hydrochloride loaded-Eudragit (R) RSPO and Eudragit (R) RSPO/PLGA nanoparticles**

ÇETİN M., ATILA A., ŞAHİN S., VURAL İ.

PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.18, sa.3, ss.570-576, 2013 (SCI-Expanded)

- XXXV. **Preparation and characterization of nimesulide containing nanocrystal formulations**

Gulsun T., Budak C., VURAL İ., ŞAHİN S., ÖNER L.

PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.18, sa.3, ss.653-659, 2013 (SCI-Expanded)

- XXXVI. **In vitro studies on 5-florouracil-loaded DTPA-PE containing nanosized pegylated liposomes for diagnosis and treatment of tumor**

Liko F., ERDOĞAN S., Ozer Y. A., VURAL İ.

JOURNAL OF LIPOSOME RESEARCH, cilt.23, sa.1, ss.61-69, 2013 (SCI-Expanded)

- XXXVII. **Formulation and evaluation of clozapine orally disintegrating tablets prepared by direct compression**

OLMEZ S. S., VURAL İ., ŞAHİN S., ERTUĞRUL A., ÇAPAN Y.

PHARMAZIE, cilt.68, sa.2, ss.110-116, 2013 (SCI-Expanded)

- XXXVIII. **Long-circulating PEG-PE micelles co-loaded with paclitaxel and elacridar (GG918) overcome multidrug resistance**

Sarisozen C., VURAL İ., Levchenko T., Hincal A. A., Torchilin V. P.

DRUG DELIVERY, cilt.19, sa.8, ss.363-370, 2012 (SCI-Expanded)

- XXXIX. **Reversal of multidrug resistance by antibody targeted micelles**

Sarisozen C., VURAL İ., Hincal A. A., Torchilin V. P.

NEW BIOTECHNOLOGY, cilt.29, 2012 (SCI-Expanded)

- XL. **PEG-PE-based micelles co-loaded with paclitaxel and cyclosporine A or loaded with paclitaxel and targeted by anticancer antibody overcome drug resistance in cancer cells**

Sarisozen C., VURAL İ., Levchenko T., Hincal A. A., Torchilin V. P.

DRUG DELIVERY, cilt.19, sa.4, ss.169-176, 2012 (SCI-Expanded)

- XLI. **Both mitogen-activated protein kinase (MAPK)/extracellular-signal-regulated kinases (ERK) 1/2 and phosphatidylinositide-3-OH kinase (PI3K)/Akt pathways regulate activation of E-twenty-six (ETS)-like transcription factor 1 (Elk-1) in U138 glioblastoma cells**

Mut M., Lule S., Demir O., Kurnaz I. A., VURAL İ.

International Journal of Biochemistry and Cell Biology, cilt.44, sa.2, ss.302-310, 2012 (SCI-Expanded)

- XLII. **CHARACTERIZATION, CELL PROLIFERATION AND CYTOTOXICITY EVALUATION OF VASCULAR**

- ENDOTHELIAL GROWTH FACTOR LOADED POLY (LACTIC-CO-GLYCOLIC ACID) MICROSFERES**  
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NOBEL MEDICUS, cilt.8, sa.1, ss.77-82, 2012 (SCI-Expanded)
- XLIII. Salmon calcitonin-loaded Eudragit (R) and Eudragit (R)-PLGA nanoparticles: in vitro and in vivo evaluation**  
ÇETİN M., AKTAŞ M. S., VURAL İ., Ozturk M.  
JOURNAL OF MICROENCAPSULATION, cilt.29, sa.2, ss.156-166, 2012 (SCI-Expanded)
- XLIV. Rosuvastatin induces apoptosis in cultured human papillary thyroid cancer cells**  
ZEYBEK N. D., Gulcelik N. E., KAYMAZ F. F., Sarisozen C., VURAL İ., BODUR E., CANPINAR H., Usman A., Asan E.  
JOURNAL OF ENDOCRINOLOGY, cilt.210, sa.1, ss.105-115, 2011 (SCI-Expanded)
- XLV. Chitosan Coated Furosemide Liposomes for Improved Bioavailability**  
VURAL İ., Sarisozen C., Olmez S. S.  
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, cilt.7, sa.3, ss.426-430, 2011 (SCI-Expanded)
- XLVI. Rapamycin-cyclodextrin complexation: Improved solubility and dissolution rate**  
Abdur Rouf M., VURAL İ., BİLENZOY E., Hincal A., Erol D. D.  
Journal of Inclusion Phenomena and Macroyclic Chemistry, cilt.70, ss.167-175, 2011 (SCI-Expanded)
- XLVII. Evaluation of drug-excipient interaction in the formulation of celecoxib tablets**  
Bozdag-Pehlivan S., Subasi B., VURAL İ., Unlu N., ÇAPAN Y.  
Acta Poloniae Pharmaceutica - Drug Research, cilt.68, sa.3, ss.423-433, 2011 (SCI-Expanded)
- XLVIII. An alternative cyclodextrin based formulation for oral anticancer drug exemestane: In vitro and cell culture studies.**  
Yavuz B., Sarisozen C., Vural İ., Bilensoy E., Sumnu M.  
Journal of controlled release : official journal of the Controlled Release Society, cilt.148, sa.1, 2010 (SCI-Expanded)
- XLIX. Alternative oral exemestane formulation: Improved dissolution and permeation**  
Yavuz B., BİLENZOY E., VURAL İ., Sumnu M.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.398, ss.137-145, 2010 (SCI-Expanded)
- L. Preparation and characterization of anticancer drug-loaded implantable PLGA microparticles**  
ÇETİN M., VURAL İ., ATILA A., Kadioglu Y.  
TURKISH JOURNAL OF CHEMISTRY, cilt.34, sa.4, ss.509-516, 2010 (SCI-Expanded)
- LI. Development and characterization of liposomal formulations for rapamycin delivery and investigation of their antiproliferative effect on MCF7 cells**  
Rouf M. A., VURAL İ., Renoir J. M., Hincal A. A.  
JOURNAL OF LIPOSOME RESEARCH, cilt.19, sa.4, ss.322-331, 2009 (SCI-Expanded)
- LII. DEVELOPMENT AND CHARACTERIZATION OF THEOPHYLLINE LOADED PLGA MICROSFERES**  
Shamil D., Sarisozen C., Pehlivan S. B., Basit A., ŞAHİN S., VURAL İ.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.96-97, 2009 (SCI-Expanded)
- LIII. FORMULATION AND IN VITRO EVALUATION OF EUDRAGIT-L100/PLGA NANOPARTICLES CONTAINING SALMON CALCITONIN**  
ÇETİN M., VURAL İ., ATILA A., Sarisozen C., KADIOĞLU Y.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.85-86, 2009 (SCI-Expanded)
- LIV. PREPARATION OF FAMOTIDINE ORALLY DISINTEGRATING TABLETS**  
Olmez S. S., VURAL İ.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.65-66, 2009 (SCI-Expanded)
- LV. CHITOSAN COATED LIPOSOMES LOADED WITH FUROSEMIDE: CHARACTERIZATION AND CELLULAR INTERACTION**  
Sarisozen C., Olmez S. S., VURAL İ.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.82-83, 2009 (SCI-Expanded)
- LVI. PEG-PE BASED MIXED MICELLES LOADED WITH PACLITAXEL FOR ANTITUMOR ACTIVITY: ENHANCED DRUG SOLUBILIZATION**  
Sarisozen C., VURAL İ., Torchilin V. P., Hincal A. A.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.83-84, 2009 (SCI-Expanded)

- LVII. **Microbiological and clinical comparison of chlorhexidine bucoadhesive tablet and chlorhexidine mouthrinse**  
AKTAŞ A., GIRAY B., ÇAPAN Y., MENEMENLİOĞLU D., HAYRAN M., IKINCI G., VURAL İ.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.19, sa.5, ss.353-357, 2009 (SCI-Expanded)
- LVIII. **Hyaluronic acid coated poly-ε-caprolactone nanospheres deliver high concentrations of cyclosporine A into the cornea**  
Yenice I., Mocan M. C., PALASKA E., Bochot A., BİLENZOY E., VURAL İ., Irkeç M., Atilla Hincal A.  
Experimental Eye Research, cilt.87, sa.3, ss.162-167, 2008 (SCI-Expanded)
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