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Education Information

Doctorate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), Turkey 1994 - 2000

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (YI) (Tezli), Turkey 1991 - 1993

Undergraduate, Anadolu University, ECZACILIK FAKÜLTESİ, Eczacılık Pr., Turkey 1986 - 1991

Dissertations

Doctorate, Piribedil katı lipid partiküllerin formülasyonu ve in vitro-in vivo değerlendirilmesi, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (Dr), 1999

Postgraduate, Salbutamol sülfat mikrokapsülleri üzerinde çalışmalar, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Farmasötik Teknoloji (YI) (Tezli), 1993

Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2016 - Continues

Associate Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 2009 - 2016

Assistant Professor, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 1999 - 2009

Research Assistant, Anadolu University, ECZACILIK FAKÜLTESİ, ECZACILIK TEKNOLOJİSİ BÖLÜMÜ, 1993 - 1999

Academic and Administrative Experience

Anadolu University, 2019 - Continues

Anadolu University, 2017 - Continues

Anadolu University, 2010 - 2013

Anadolu University, 2005 - 2010

Anadolu University, 2002 - 2005

Courses

İlaçta Patent Ruhsatlandırma ve CE Belgesi, Undergraduate, 2013 - 2014, 2012 - 2013

Nanoteknoloji, Postgraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Farmasötik Teknoloji Uygulamaları IV, Undergraduate, 2013 - 2014, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2004 - 2005, 2003 - 2004, 2002 - 2003

Parenteral Preparat Teknolojisi, Doctorate, 2013 - 2014

Mezuniyet Projesi I, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Farmasötik Teknoloji Uygulamaları I, Undergraduate, 2013 - 2014, 2010 - 2011, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004

Mezuniyet Projesi II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012

Temel Farmasötik İşlemler ve Farmasötik Hesaplamalar, Undergraduate, 2013 - 2014, 2010 - 2011

Çözünme Hızı Biyoyararlanım Biyoşdeğerlik, Undergraduate, 2013 - 2014

İlaç Şekilleri ve Tıbbi Malzeme, Associate Degree, 2013 - 2014

Tezgaüstü (OTC) İlaçlar, Undergraduate, 2012 - 2013, 2011 - 2012

Farmasötik Teknoloji III, Undergraduate, 2011 - 2012

Farmasötik Teknoloji II, Undergraduate, 2011 - 2012

Farmasötik İşlem Validasyonu, Undergraduate, 2011 - 2012

İlaç Biyoyararlanımı, Undergraduate, 2011 - 2012

Biyoşdeğerlik-Biyobenzer İlaçlar- Yasal ve Pazar Durumları, Undergraduate, 2010 - 2011

Fiziksel Farmasinin Temelleri, Undergraduate, 2010 - 2011

Farmasötik Teknoloji Uygulamaları II, Undergraduate, 2010 - 2011, 2008 - 2009, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

İlaç Ruhsatlandırılması ve İzin Başvuru Dosyası Hazırlanması, Undergraduate, 2010 - 2011

Tarım ve Veteriner İlaç Şekilleri, Undergraduate, 2010 - 2011

Farmasötik Hesaplamalar, Undergraduate, 2009 - 2010

İlaç Ruhsatlandırılması, Undergraduate, 2009 - 2010, 2005 - 2006

Tez, Postgraduate, 2009 - 2010, 2008 - 2009, 2003 - 2004

Farmasötik Teknoloji Uygulamaları I, Undergraduate, 2008 - 2009

Farmasötik Teknoloji Uygulamaları III, Undergraduate, 2008 - 2009, 2004 - 2005, 2003 - 2004

İlaçta Patent Hakları, Ruhsatlandırma, Harmonizasyon ve Sınai Mülkiyet Hakları, Postgraduate, 2008 - 2009

İlaç Taşıyıcı Sistemlerde Analiz I, Doctorate, 2007 - 2008, 2003 - 2004

Kontrollü Salım Sağlayan İlaç Taşıyıcı Sistemler, Postgraduate, 2007 - 2008, 2004 - 2005

Farmasötik Bilgiye Ulaşım Teknikleri, Postgraduate, 2007 - 2008, 2004 - 2005

Hastane Eczacılığı, Undergraduate, 2006 - 2007, 2005 - 2006, 2004 - 2005

Eczacılık Mevzuatı, Undergraduate, 2005 - 2006

Eczacılık Tarihi ve Deontoloji, Undergraduate, 2004 - 2005, 2003 - 2004

Eczane İşletmeciliği, Undergraduate, 2004 - 2005

İlaç Taşıyıcı Sistemlerde Analiz II, Postgraduate, 2004 - 2005

İlaç Taşıyıcı Sistemlerde Stabilité I, Doctorate, 2003 - 2004

Stabilité, Postgraduate, 2003 - 2004

Kontrollü İlaç Taşıyıcı Sistemler I, Doctorate, 2003 - 2004

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesis, characterization, antioxidant activity of Quercetin, Rutin and Quercetin-Rutin incorporated β -cyclodextrin inclusion complexes and determination of their activity in NIH-3T3, MDA-MB-231 and A549 cell lines**
Alper Öztürk A. A., Başaran E., Şenel B., Demirel M., Sarıca Ş.
Journal of Molecular Structure, vol.1282, 2023 (SCI-Expanded)
- II. **Quercetin, Rutin And Quercetin-Rutin Incorporated Hydroxypropyl beta-Cyclodextrin Inclusion Complexes**

Başaran E., Öztürk A. A., Şenel B., Demirel M., Sarıca Ş.

EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.172, 2022 (SCI-Expanded)

- III. **Formulation and characterization studies of inclusion complexes of voriconazole for possible ocular application**
BAŞARAN E., AYKAÇ K., Yenilmez E., BÜYÜKKÖROĞLU G., TUNALI Y., DEMİREL M.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.27, no.2, pp.228-241, 2022 (SCI-Expanded)
- IV. **Preparation and in vitro characterization of rosuvastatin calcium incorporated methyl beta cyclodextrin and Captisol(R) inclusion complexes**
Al-Heibshy F. N. S., BAŞARAN E., ÖZTÜRK N., DEMİREL M.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.9, pp.1495-1506, 2020 (SCI-Expanded)
- V. **Physicochemical characterization and pharmacokinetic evaluation of rosuvastatin calcium incorporated solid lipid nanoparticles**
Al-Heibshy F. N. S., BAŞARAN E., ARSLAN R., ÖZTÜRK N., EROL K., DEMİREL M.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.578, 2020 (SCI-Expanded)
- VI. **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, vol.45, no.10, pp.1635-1645, 2019 (SCI-Expanded)
- VII. **Vincristine and ε-viniferine-loaded PLGA-b-PEG nanoparticles: pharmaceutical characteristics, cellular uptake and cytotoxicity**
Ogunc Y., DEMİREL M., YAKAR A., Incesu Z.
JOURNAL OF MICROENCAPSULATION, no.1, pp.38-46, 2017 (SCI-Expanded)
- VIII. **Studies on Rosuvastatin Calcium Incorporated Chitosan Salt Nanoparticles**
Al-Heibshy F. N. S., BAŞARAN E., DEMİREL M.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.35, pp.1065-1076, 2016 (SCI-Expanded)
- IX. **Characterization and Antioxidant Activity of Quercetin/Methyl-beta-Cyclodextrin Complexes**
Gulec K., DEMİREL M.
CURRENT DRUG DELIVERY, vol.13, no.3, pp.444-451, 2016 (SCI-Expanded)
- X. **Preperation and in vitro characterization of epsilon-viniferine and vincristine sulfate loaded PLGA-b-PEG nanoparticles**
Ogunc Y., DEMİREL M., Yakar A., SELLER Z.
ANTI-CANCER DRUGS, 2015 (SCI-Expanded)
- XI. **Studies on Polymeric and Lipid Nanoparticles of Ketoconazole for Ocular Administration**
DEMİREL M., Genc L.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.34, no.5, pp.853-861, 2015 (SCI-Expanded)
- XII. **Polymeric Cyclosporine-A Nanoparticles for Ocular Application**
BAŞARAN E., DEMİREL M., SIRMAGÜL B., Yazan Y.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.7, no.5, pp.714-723, 2011 (SCI-Expanded)
- XIII. **Inclusion complexes of fluconazole with beta-cyclodextrin: physicochemical characterization and in vitro evaluation of its formulation**
YURTDAŞ KIRIMLIOĞLU G., DEMİREL M., Genc L.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.70, no.3-4, pp.429-435, 2011 (SCI-Expanded)
- XIV. **Inclusion complexes of ketoconazole with beta-cyclodextrin: physicochemical characterization and in vitro dissolution behaviour of its vaginal suppositories**
DEMİREL M., YURTDAŞ KIRIMLIOĞLU G., Genc L.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.70, no.3-4, pp.437-445, 2011 (SCI-Expanded)
- XV. **Preparation of prolonged release clarithromycin microparticles for oral use and their in vitro evaluation**
Genc L., Demirel M., Yazan Y.

Articles Published in Other Journals

- I. **POSACONAZOLE LOADED OCULAR INSERTS FOR ANTIFUNGAL ACTIVITY**
AYKAÇ K., YENİLMEZ E., DEMİREL M., BAŞARAN E.
Journal of Pharmaceutical Technology, vol.1, no.1, pp.1-6, 2020 (Peer-Reviewed Journal)
- II. **Propranolol HCl imprinted polymeric microspheres: Development, characterization and dissolution**
DEMİREL M., Sevin Ş. B., Say R., Yazan Y.
Fabad Journal of Pharmaceutical Sciences, vol.32, no.4, pp.147-157, 2007 (Scopus)
- III. **PHYSICOCHEMICAL CHARACTERIZATION AND DISSOLUTION PROPERTIES OF CINNARIZINE SOLID DISPERSIONS**
Kalava B. S., DEMİREL M., Yazan Y.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.2, no.2, pp.51-62, 2005 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **POSACONAZOLE LOADED EUDRAGIT® FS 100 NANOPARTICLES**
AYKAÇ K., BAŞARAN E., YENİLMEZ E., DEMİREL M.
3. International Gazi Pharma Symposium Series, Ankara, Turkey, 22 June 2021, pp.161
- II. **POSACONAZOLE LOADED EUDRAGIT® FS 100 NANOPARTICLES**
AYKAÇ K., BAŞARAN E., YENİLMEZ E., DEMİREL M.
13rd International Symposium on Pharmaceutical Sciences (13rd ISOPS), Ankara, Turkey, 22 June 2021
- III. **POSACONAZOLE LOADED CHITOSAN SPONGES FOR OCULAR APPLICATION**
AYKAÇ K., YENİLMEZ E., DEMİREL M., BAŞARAN E.
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.208-209
- IV. **ANTIHYPERCHOLESTEROLEMIC AND ANTIHYPERLIPIDEMIC ACTIVITY OF ROSUVASTATIN CALCIUM LOADED CYCLODEXTRIN-POLYANHYDRIDE AND SOLID LIPID NANOPARTICLES**
AL HEIBSHY F., NAMLI İ., ARSLAN R., BAŞARAN E., DEMİREL M.
8th BBBB International Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.178-179
- V. **Apoptotic effects of folate-conjugated PLGA- PEG nanoparticles loaded with dual agents on HepG2 cells**
ÖĞÜNÇ KEÇECİ Y., DEMİREL M., SELLER Z.
The 44th FEBS Congress, Krakow, Poland, 6 - 11 July 2019, vol.9, pp.65-431
- VI. **VORICONAZOLE INCORPORATED INCLUSION COMPLEXES FOR IMPROVED OCULAR DELIVERY**
BAŞARAN E., YENİLMEZ E., BÜYÜKKÖROĞLU G., DEMİREL M.
EUFEPS Annual Meeting 2019, Frankfurt, Germany, 6 - 08 March 2019, vol.1, pp.91
- VII. **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
- VIII. **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
- IX. **Synthesis and Characterizations of Folate-Conjugated PLGA-PEG Nanoparticles Loaded with Dual Agents**
ÖĞÜNÇ Y., DEMİREL M., İNCESU Z.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11

November 2017

- X. **Inclusion Complexes of Rosuvastatin Calcium with Sulfobutylether-Beta-Cyclodextrin (Captisol)**
AL HEIBSHY F., BAŞARAN E., ÖZTÜRK N., DEMİREL M.
2nd International Gazi Pharma Symposium, 11 - 13 October 2017
- XI. **Enhancement of Solubility of Rosuvastatin Calcium by Complexation with Methyl-Beta-Cyclodextrin**
AL HEIBSHY F., BAŞARAN E., ÖZTÜRK N., DEMİREL M.
2nd International Gazi Pharma Symposium, 11 - 13 October 2017
- XII. **In vitro dissolution and cytotoxicity studies on quercetin and rutin loaded HP-beta-cyclodextrin complexes**
ÖZTÜRK A. A., ŞENEL B., BAŞARAN E., DEMİREL M., SARICA Ş.
2nd International Gazi Pharma Symposium Series (GPSS: 2017), 11 - 13 October 2017
- XIII. **In Vitro Dissolution and Cytotoxicity Studies on Quercetin and Rutin Loaded HP-β-Cyclodextrin complexes**
ÖZTÜRK A. A., ŞENEL B., BAŞARAN E., DEMİREL M.
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017
- XIV. **IN VITRO DISSOLUTION AND CYTOTOXICITY STUDIES ON QUERCETIN AND RUTIN LOADED HP-BETA-CYCLODEKSTRINE COMPLEXES**
ÖZTÜRK A. A., ŞENEL B., BAŞARAN E., DEMİREL M., SARICA Ş.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, vol.142
- XV. **In Vitro Dissolution and Cytotoxicity Studies on Quercetin and Rutin Loaded HP-Beta-Cyclodextrin Complexes**
Öztürk A. A., Şenel B., Başaran E., Demirel M., Sarıca Ş.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.142
- XVI. **Cytotoxicity and Stability Studies on Inclusion Complex of Quercetin with Methyl Beta Cyclodextrin**
GÜLEÇ K., İNCESU Z., DEMİREL M.
6. Multidisipliner Kanser Araştırma Kongresi, Turkey, 27 - 30 October 2016
- XVII. **Molecular Encapsulation by Cyclodextrins Effects on Drug Safety**
DEMİREL M.
The 3rd ISBPPB International Conference on Biomedical Polymers and Polymeric Biomaterials, 11 - 12 August 2016
- XVIII. **Formulation and Characterization Studies of Quercetin Rutin and Quercetin Rutin Beta Cyclodextrin Complexes**
ÖZTÜRK A. A., BAŞARAN E., DEMİREL M., SARICA Ş.
BIT's 2nd Annual World Congress of Smart Materials-2016, 4 - 06 March 2016
- XIX. **Quercetin Rutin and Quercetin Rutin HPBeta Cyclodextrin Complexes An In Vitro Evaluation**
DEMİREL M., ÖZTÜRK A. A., BAŞARAN E., SARICA Ş.
BIT's 2nd Annual World Congress of Smart Materials-2016, 4 - 06 March 2016
- XX. **Formulation and Characterization Studies of Quercetin Rutin and Quercetin Rutin B Cyclodextrin Complexes**
Öztürk A. A., Başaran E., Demirel M., Sarıca Ş.
BIT's 2. Annual World Congress of Smart Materials, Singapore, Singapore, 4 - 06 March 2016, pp.630
- XXI. **FORMULATION AND CHARACTERIZATION STUDIES OF QUERCETIN RUTIN AND QUERCETIN RUTIN CYCLODEXTRIN COMPLEXES**
ÖZTÜRK A. A., BAŞARAN E., DEMİREL M., SARICA Ş.
BIT's 2nd Annual World Congress of Smart Materials-2016 (SMART MATERIALS 2016), Singapore, Singapore, 4 - 06 March 2016, vol.1, pp.630
- XXII. **QUERCETIN RUTIN AND QUERCETIN RUTIN HP CYCLODEXTRIN COMPLEXES AN IN VITRO EVALUATION**
DEMİREL M., ÖZTÜRK A. A., BAŞARAN E., SARICA Ş.
BIT's 2nd Annual World Congress of Smart Materials-2016 (SMART MATERIALS 2016), Singapore, Singapore, 4 - 06 March 2016, vol.1, pp.425

- XXIII. **Quercetin Rutin and Quercetin Rutin HP B Cyclodextrin Complexes An In vitro Evaluation**
Demirel M., Öztürk A. A., Başaran E., Sarıca Ş.
BIT's 2. Annual World Congress of Smart Materials, Singapore, Singapore, 4 - 06 March 2016, pp.425
- XXIV. **Investigation on the Complexation of Quercetin with Methyl Cyclodextrin**
GÜLEÇ K., DEMİREL M.
International Gazi Pharma Symposium GPSS2015, 12 - 15 November 2015
- XXV. **Characterization of vincristine sulfate and viniferine loaded polymeric nanoparticles and cell viability studies**
ÖĞÜNÇ Y., DEMİREL M., SELLER Z.
International Multidisciplinary Symposium On Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015
- XXVI. **Preparation and Characterization Studies of Ezetimibe Cyclodextrin Complexes**
AL HEIBSHY F. N. S., DEMİREL M.
15 International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015
- XXVII. **Characterization of Vincristine Sulfate and Viniferine Loaded Poymeric Nanoparticles and Cell Viability Studies**
ÖĞÜNÇ Y., DEMİREL M., İNCESU Z.
15 International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015
- XXVIII. **Recent Advances on Pharmaceutical Applications of Cyclodextrins**
DEMİREL M.
15 International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015
- XXIX. **Preparation and in vitro characterization of e viniferine and vincristine sulfate loaded PLGA b PEG nanoparticles**
ÖĞÜNÇ Y., DEMİREL M., YAKAR A., SELLER Z.
International Conference on Natural Products for Cancer Prevention and Therapy, 31 August - 02 September 2015
- XXX. **Preparation and in vitro characterization of viniferine and vincristine sulfate loaded PLGA b PEG nanoparticles**
ÖĞÜNÇ Y., DEMİREL M., YAKAR A., SELLER Z.
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015
- XXXI. **Formulation and Characterization Studies of Rosuvastatin Calcium Incorporated Chitosan Aspartate and Chitosan Glutamate Nanoparticles**
AL HEIBSHY F. N. S., DEMİREL M., BAŞARAN E.
12th International Conference of the European Chitin Society, 13th International Conference on Chitin and Chitosan ICCS 13th, 12th EUCHIS, 30 August - 02 September 2015
- XXXII. **In Vitro Evaluation of Rosuvastatin Calcium Incorporated Chitosan and Chitosan Lactate Nanoparticles**
AL HEIBSHY F. N. S., DEMİREL M., BAŞARAN E.
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- XXXIII. **In Vitro Characterization Studies of Rosuvastatin Calcium Incorporated Tripalmitin Based SLNs**
AL HEIBSHY F. N. S., BAŞARAN E., DEMİREL M.
11th International Symposium on Pharmaceutical Sciences 11th ISOPS, 9 - 12 June 2015
- XXXIV. **Characterization Studies of Freeze Dried Quercetin Methyl Cyclodextrin Complex**
GÜLEÇ K., DEMİREL M.
11th International Symposium on Pharmaceutical Sciences 11th ISOPS, 9 - 12 June 2015
- XXXV. **Formulation and Characterization Studies of Rosuvastatin Calcium Incorporated Stearic Acid Based Nanoparticles**
AL HEIBSHY F. N. S., BAŞARAN E., DEMİREL M.
Nanobiotechnology Days 2015, 14 - 15 May 2015
- XXXVI. **Solid Lipid Particulate and Molecularly Imprinted Systems for Cosmetic Delivery**
YAZAN E. Y., YENİLMEZ E., DEMİREL M., HATİCE SEFA A.

International Conference World Wide Wellness(IFSCC), Floransa, Italy, 19 - 21 August 2005, pp.61-63

XXXVII. **Preliminary Study On The Stability Of Sotalol Hydrochloride In Aqueous Solution poster**

DEMİREL M., BAŞARAN E., YENİLMEZ E., BERKMAN M. S.

12th International Pharmaceutical Technology Symposium, İstanbul, Turkey, 12 - 14 September 2004, pp.259-260

Supported Projects

DEMİREL M., Project Supported by Higher Education Institutions, ATORVASTATİN YÜKLÜ POLİMERİK MİSELLER ÜZERİNDE ÇALIŞMALAR, 2019 - Continues

DEMİREL M., Project Supported by Higher Education Institutions, ALFA TOKOFEROL/SİKLODEKSTRİN KOMPLEKSİ İÇEREN KOZMETİK FORMÜLASYONUN HAZIRLANMASI VE DEĞERLENDİRİLMESİ, 2019 - Continues

DEMİREL M., Project Supported by Higher Education Institutions, OKÜLER UYGULAMAYA YÖNELİK ANTİFUNGAL İLAÇ TAŞIYICI SİSTEM FORMÜLASYON ÇALIŞMALARI, 2019 - Continues

DEMİREL M., Kersetin Yüklü Siklodekstrin ve Siklodekstrin Kitosan Nanopartiküllerinin Hazırlanması ve İn Vitro Değerlendirilmesi, Continues

DEMİREL M., Cildi Rejenere Edici Doğal ve Sentetik Maddelerin Multipl Emülsiyon ve Klasik Emülsiyon Sistemleri Halinde Formülasyon Karakterizasyon Kalite Kontrol ve Stabilitate Çalışmaları, Continues

DEMİREL M., Klaritromisin in Oral Kullanım için Uzun Etkili Mikropartiküllerinin Hazırlanması ve İn Vitro Değerlendirilmesi Anadolu Üniversitesi Araştırma Fonu Projesi, Continues

DEMİREL M., BÜYÜKKÖROĞLU G., Piribedil in Biyoyararlanımını Arttırmak Amacı ile Katı Lipit Mikropartiküllerinin Hazırlanması ve İn Vitro Değerlendirilmesi İnklüzyon Bileşikleri ile Karşılaştırılması, Continues

DEMİREL M., BERKMAN M. S., KAYNAK M. S., Project Supported by Higher Education Institutions, Türkiye ilaç pazarında bulunan olanzapin tabletlerin farmasötik kalite kontrolü ve in vitro salım kinetiklerinin karşılaştırılması, 2020 - 2022

AKYIL E., DEMİREL M., BÜYÜKKÖROĞLU G., Oküler Uygulamaya Yönelik Vorikonazol İçeren İnklüzyon Komplekslerinin Formülasyon Çalışmaları, 2017 - 2019

KARACA H., DEMİREL M., Project Supported by Higher Education Institutions, Posakonazol İçeren Polimerik Nanopartiküllerin Formülasyon Çalışmaları, 2017 - 2018

ARSLAN R., DEMİREL M., Project Supported by Higher Education Institutions, Rosuvastatin Kalsiyum İçeren Katı Lipit Ve Siklodekstrin/Polianhidrit Nanopartikülleri Üzerinde Farmakodinamik Çalışmalar, 2017 - 2018

DEMİREL M., BAŞARAN E., Project Supported by Higher Education Institutions, Rosuvastatin Kalsiyum İçeren Siklodekstrin Katı Lipit ve Kitosan Bazlı Taşıyıcı Sistemlerin Hazırlanması ve İn Vitro İn Vivo Değerlendirilmesi, 2014 - 2017

SELLER Z., ÖZDEMİR F., ÖĞÜNÇ KEÇECİ Y., DEMİREL M., Project Supported by Higher Education Institutions, Kombine Vinkristine e Viniferin Yüklü Folik Asit Modified Plga Peg Nanopartikül Sentezi Karakterizasyonu ve in Vitro Ortamda Etkisi, 2016 - 2016

YAZAN E. Y., AKYIL E., DEMİREL M., Project Supported by Higher Education Institutions, E Vitamini İçeren Emülsiyon Sistemlerinin Etkinliğinin Değerlendirilmesi Proje No, 2005 - 2007

BÜYÜKKÖROĞLU G., DEMİREL M., Project Supported by Higher Education Institutions, SİNNARİZİNİN BİYOYARARLANIMINI ARTTIRMAK AMACI İLE KATI DİSPERSİYON VE KATI ÇÖZELTİLERİNİN HAZIRLANMASI VE İN VİTRO İN VİVO DEĞERLENDİRİLMESİ, 2001 - 2004