

## Prof. Dr. SEMA ÇALIŞ

### Kişisel Bilgiler

İş Telefonu: [+90 312 305 3011](tel:+903123053011)

İş Telefonu: [+90 312 305 1241](tel:+903123051241)

Fax Telefonu: [+90 312 310 0906](tel:+903123100906)

E-posta: [scalis@hacettepe.edu.tr](mailto:scalis@hacettepe.edu.tr)

Web: <https://avesis.hacettepe.edu.tr/scalis>

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-1778-5142

ScopusID: 57830454800

Yoksis Araştırmacı ID: 9069

### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Türkiye 1985 - 1989

Yüksek Lisans, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Türkiye 1981 - 1984

Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık, Türkiye 1976 - 1981

### 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, 2002 - Devam Ediyor

Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1995 - 2002

Yrd. Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1992 - 1995

### Akademik İdari Deneyim

Bölüm Başkanı, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - Devam Ediyor

Fakülte Kurulu Üyesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Devam Ediyor

Merkez Müdürü, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Devam Ediyor

Etik Kurul Başkanı, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2013 - Devam Ediyor

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2012 - Devam Ediyor

## Yönetilen Tezler

- Çalış S., BAKTERİYEL KERATİT TEDAVİSİNE YÖNELİK BESİFLOKSASİN YÜKLÜ OKÜLER İNSERTLERİN ELEKTRO-EĞİRME YÖNTEMİ İLE GELİŞTİRİLMESİ VE DEĞERLENDİRİLMESİ, Doktora, H.KEREM(Öğrenci), 2020
- Çalış S., Öztürk Atar K., İrinotekan ve STAT3 İnhibitörü Yüklü PLGA-PEG Nanopartiküllerinin Küçük Hücreli Akciğer Kanserine Aktif Hedeflendirilmesi ve In Vivo-In Vitro Değerlendirilmesi, Doktora, F.BETÜL(Öğrenci), 2018
- ÇALIŞ S., Anti-VEGFR-1 monoklonal antikor ile konjuge edilmiş gemitabin yüklü dendrimerlerin pankreas kanserine aktif hedeflendirilmesi ve in vitro/in vivo olarak değerlendirilmesi, Doktora, K.ÖZTÜRK(Öğrenci), 2015
- ÇALIŞ S., Sefiksimin düşük çözünürlük ve permeabilitesinin siklodekstrin kompleksleri kullanılarak artırılması üzerine çalışmalar, Yüksek Lisans, N.ÇELEN(Öğrenci), 2015
- ÇALIŞ S., Tıbbi cihaz uygulamalarına bağlı olarak gelişen biyofilm bazı osteomyelit tedavisi için polimerik ilaç taşıyıcı sistemlerin formülasyonu ve değerlendirilmesi, Yüksek Lisans, E.SARIGÖL(Öğrenci), 2013
- ÇALIŞ S., Amfilik blok kopolimerler kullanılarak nanopartikül formülasyonlarının geliştirilmesi ve in vitro değerlendirilmesi, Yüksek Lisans, H.ÖCAL(Öğrenci), 2010
- ÇALIŞ S., BİLENSOY E., Kamptotesin içeren polimerik ve oligosakkarit bazı nanopartiküller formülasyonların geliştirilmesi ve in vitro-in vivo değerlendirilmesi, Doktora, Y.ÇIRPANLI(Öğrenci), 2009
- ÇALIŞ S., Anjioplastide kullanılmak üzere biyoparçalanır stent formülasyonlarının geliştirilmesi ve in vitro değerlendirilmelerine ilişkin çalışmalar, Yüksek Lisans, C.SARISÖZEN(Öğrenci), 2006
- ATİLLA B., ÇALIŞ S., Antibiyotik yüklü allogreftler ve biyopolimerik mikropartiküllerin enfekte kemik defektlerine implantasyonu ve etkinliklerinin değerlendirilmesi, Yüksek Lisans, B.SAYIN(Öğrenci), 2003
- ÇALIŞ S., Ortopedide kullanılan biyoparçalanır polimerler ile hazırlanan teikoplanin içeren mikropartiküller sistemli implantların formülasyonu ve in vitro/ in vivo değerlendirilmesi üzerine çalışmalar, Yüksek Lisans, İ.YENİCE(Öğrenci), 2001

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

- I. **A novel combination for the treatment of small cell lung cancer: Active targeted irinotecan and static co-loaded PLGA nanoparticles**  
Arslan F. B., ÖZTÜRK K., Tavukçuoğlu E., ÖZTÜRK S. C., ESENDAĞLI G., ÇALIŞ S.  
International Journal of Pharmaceutics, cilt.632, 2023 (SCI-Expanded)
- II. **Effects of Particle Geometry for PLGA-Based Nanoparticles: Preparation and In Vitro/In Vivo Evaluation**  
Kaplan M., ÖZTÜRK K., ÖZTÜRK S. C., Tavukçuoğlu E., ESENDAĞLI G., ÇALIŞ S.  
Pharmaceutics, cilt.15, sa.1, 2023 (SCI-Expanded)
- III. **Design of Besifloxacin HCl-Loaded Nanostructured Lipid Carriers: In Vitro and Ex Vivo Evaluation**  
POLAT H. K., Kurt N., AYTEKİN E., AKDAĞ ÇAYLI Y., Pehlivan S., ÇALIŞ S.  
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, cilt.38, sa.6, ss.412-423, 2022 (SCI-Expanded)
- IV. **Novel Drug Delivery Systems to Improve the Treatment of Keratitis**  
POLAT H. K., Kurt N., AYTEKİN E., Pehlivan S. B., ÇALIŞ S.  
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, cilt.38, sa.6, ss.376-395, 2022 (SCI-Expanded)
- V. **Mixed micelles formulation for carvedilol delivery: In-vitro characterization and in-vivo evaluation**  
ÖZTÜRK K., ARSLAN F. N., ÖZTÜRK S. C., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.611, 2022 (SCI-Expanded)
- VI. **Antibody-mediated drug delivery**  
ARSLAN F. N., ÖZTÜRK ATAR K., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.596, 2021 (SCI-Expanded)
- VII. **Development and evaluation of polymeric micelle containing tablet formulation for poorly water-soluble drug: tamoxifen citrate**  
ÖZTÜRK ATAR K., Kaplan M., ÇALIŞ S.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.46, sa.10, ss.1695-1704, 2020 (SCI-Expanded)
- VIII. **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)

- IX. **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., Pehlivan S. B., Ozkul C., ÇALAMAK S., Ozturk N., AYTEKİN E., FIRAT A., ULUBAYRAM K., KOCABEYOĞLU S., Irkeç M., et al.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.585, 2020 (SCI-Expanded)
- X. **Aggregation of chitosan nanoparticles in cell culture: Reasons and resolutions**  
Ozturk K., Arslan F. B., Tavukcuoglu E., ESENDAĞLI G., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.578, 2020 (SCI-Expanded)
- XI. **Current Advances in Nanopharmaceuticals**  
Ozturk-Atar K., EROĞLU H., GÜRSOY R. N., ÇALIŞ S.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, cilt.19, sa.7, ss.3686-3705, 2019 (SCI-Expanded)
- XII. **Nanopharmaceuticals as Drug-Delivery Systems: For, Against, and Current Applications**  
ÇALIŞ S., ÖZTÜRK ATAR K., ARSLAN F. N., EROĞLU H., ÇAPAN Y.  
NANOCARRIERS FOR DRUG DELIVERY: NANOSCIENCE AND NANOTECHNOLOGY IN DRUG DELIVERY, ss.133-154, 2019 (SCI-Expanded)
- XIII. **Novel advances in targeted drug delivery**  
Öztürk-Atar K., EROĞLU H., ÇALIŞ S.  
Journal of Drug Targeting, cilt.26, sa.8, ss.633-642, 2018 (SCI-Expanded)
- XIV. **Characterization of bevacizumab by dynamic light scattering while maintaining its native structure**  
Akbas S., Sahin A., ÇALIŞ S., Oncel H., ÇAPAN Y.  
PHARMAZIE, cilt.73, sa.7, ss.369-374, 2018 (SCI-Expanded)
- XV. **Development and in vitro evaluation of doxorubicin and celecoxib co-loaded bone targeted nanoparticles**  
Kozlu S., Sahin A., Ultav G., Yerlikaya F., ÇALIŞ S., ÇAPAN Y.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.45, ss.213-219, 2018 (SCI-Expanded)
- XVI. **Tumor-Induced Myeloid Cells Are Reduced by Gemcitabine-Loaded PAMAM Dendrimers Decorated with Anti-Flt1 Antibody**  
Yoyen-Ermis D., Ozturk-Atar K., KURŞUNEL M. A., Aydın C., Ozkazanc D., Gurbuz M. U., ÜNER A., TÜLÜ M., ÇALIŞ S., ESENDAĞLI G.  
MOLECULAR PHARMACEUTICS, cilt.15, sa.4, ss.1526-1533, 2018 (SCI-Expanded)
- XVII. **Design and in vitro evaluation of tenofovir-loaded vaginal gels for the prevention of HIV infections.**  
TIMUR S. S., ŞAHİN A., AYTEKİN E., ÖZTÜRK N., POLAT K., TEZEL N., Gürsoy R. N., ÇALIŞ S.  
Pharmaceutical development and technology, cilt.23, ss.301-310, 2018 (SCI-Expanded)
- XVIII. **A thermosensitive gel loaded with an enzyme and an antibiotic drug for the treatment of periprosthetic joint infection**  
Sarigoç E., EKİZOĞLU M., Pehlivan S., BODUR E., SAĞIROĞLU M., ÇALIŞ S.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, cilt.43, ss.423-429, 2018 (SCI-Expanded)
- XIX. **Development and validation of a LC-FL method for the simultaneous determination of doxorubicin and celecoxib in nanoparticulate fixed dose combination (NanoFDC)**  
Kozlu S., ŞAHİN A. E., ÇALIŞ S., ÇAPAN Y.  
PHARMAZIE, cilt.72, sa.10, ss.568-570, 2017 (SCI-Expanded)
- XX. **Design and evaluation of gamma-sterilized vancomycin hydrochloride-loaded poly( $\epsilon$ -caprolactone) microspheres for the treatment of biofilm-based medical device-related osteomyelitis**  
SARIGÖL E., PEHLİVAN S., EKİZOĞLU M., SAĞIROĞLU M., ÇALIŞ S.  
Pharmaceutical Development and Technology, cilt.22, sa.6, ss.706-714, 2017 (SCI-Expanded)
- XXI. **Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers**  
Ozturk K., ESENDAĞLI G., Gurbuz M. U., TÜLÜ M., ÇALIŞ S.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.517, ss.157-167, 2017 (SCI-Expanded)

- XXII. **Preparation and in vitro evaluation of 5-fluorouracil-loaded PCL nanoparticles for colon cancer treatment**  
Ozturk K., Mashal A. R., Yegin B., ÇALIŞ S.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.22, sa.5, ss.635-641, 2017 (SCI-Expanded)
- XXIII. **Cytotoxicity and biodistribution studies on PEGylated EDA and PEG cored PAMAM dendrimers**  
Gurbuz M. U., Ozturk K., Erturk A. S., YOYEN-ERMIS D., ESENDAĞLI G., ÇALIŞ S., TÜLÜ M.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.27, sa.16, ss.1645-1658, 2016 (SCI-Expanded)
- XXIV. **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)
- XXV. **The effect of inorganic salt type and concentration on hydrophilic drug loading into microspheres using the emulsion/solvent diffusion method**  
YAG G., ÇALIŞ S., Arica-Yegin B.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.40, sa.3, ss.390-397, 2014 (SCI-Expanded)
- XXVI. **Cytotoxicity and in vitro characterization studies of synthesized Jeffamine- cored PAMAM dendrimers**  
Ozturk K., Erturk A. S., Sansozen C., TÜLÜ M., ÇALIŞ S.  
JOURNAL OF MICROENCAPSULATION, cilt.31, sa.2, ss.127-136, 2014 (SCI-Expanded)
- XXVII. **Comparative biodistribution studies of technetium-99m radiolabeled amphiphilic nanoparticles using three different reducing agents during the labeling procedure**  
Geskovski N., Kuzmanovska S., Crcarevska M. S., ÇALIŞ S., Dimchevska S., Petrussevska M., Zdravkovski P., Goracinova K.  
JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS, cilt.56, sa.14, ss.689-695, 2013 (SCI-Expanded)
- XXVIII. **Definition of formulation design space, in vitro bioactivity and in vivo biodistribution for hydrophilic drug loaded PLGA/PEO-PPO-PEO nanoparticles using OFAT experiments**  
Crcarevska M. S., Geskovski N., Calis S., Dimchevska S., Kuzmanovska S., Petrussevska G., Kajdzanoska M., Ugarkovic S., Goracinova K.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.49, sa.1, ss.65-80, 2013 (SCI-Expanded)
- XXIX. **A Novel Protein-Based Anticancer Drug Encapsulating Nanosphere: Apoferritin-Doxorubicin Complex**  
KILIÇ M. A., Ozlu E., ÇALIŞ S.  
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, cilt.8, sa.3, ss.508-514, 2012 (SCI-Expanded)
- XXX. **A double-blind placebo-controlled study of 5-fluorouracil: Cyclodextrin complex loaded thermosensitive gel for the treatment of HPV induced condyloma**  
BİLENSOY E., Moroy P., Çirpanlı Y., Bilensoy T., ÇALIŞ S., Mollamahmutoglu L.  
Journal of Inclusion Phenomena and Macrocyclic Chemistry, cilt.69, ss.309-313, 2011 (SCI-Expanded)
- XXXI. **Antitumoral activity of camptothecin-loaded nanoparticles in 9L rat glioma model**  
Çirpanlı Y., Allard E., Passirani C., Bilensoy E., Lemaire L., Çaliş S., Benoit J.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.403, ss.201-206, 2011 (SCI-Expanded)
- XXXII. **Comparative evaluation of in vitro parameters of tamoxifen citrate loaded poly(lactide-co-glycolide), poly( $\epsilon$ -caprolactone) and chitosan nanoparticles**  
Cirpanli Y., Yerlikaya F., Ozturk K., Erdogar N., Launay M., Gegu C., Leturgez T., BİLENSOY E., ÇALIŞ S., ÇAPAN Y.  
Pharmazie, cilt.65, sa.12, ss.867-870, 2010 (SCI-Expanded)
- XXXIII. **Optimization of prednisolone acetate-loaded chitosan microspheres using a 2(3) factorial design for preventing restenosis**  
Sarisozen C., Arica B., ORMAN M. N., Hincal A. A., ÇALIŞ S.  
DRUG DELIVERY, cilt.17, sa.3, ss.178-186, 2010 (SCI-Expanded)
- XXXIV. **Development of polymeric and cyclodextrin nanoparticles for camptothecin delivery.**  
Cirpanli Y., Bilensoy E., Dogan A. L., Calis S.

- Journal of controlled release : official journal of the Controlled Release Society, cilt.148, sa.1, 2010 (SCI-Expanded)
- XXXV. **Wheat germ agglutinin-conjugated chitosan-Ca-alginate microparticles for local colon delivery of 5-FU: Development and in vitro characterization**  
Dodov M. G., ÇALIŞ S., Crcarevska M. S., Geskovski N., Petrovska V., Goracinova K.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.381, sa.2, ss.166-175, 2009 (SCI-Expanded)
- XXXVI. **Antibacterial activity of triclosan chitosan coated graft on hernia graft infection model**  
Çakmak A., Çirpanli Y., Bilensoy E., Yorganci K., Çaliş S., Saribaş Z., Kaynaroğlu V.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.381, sa.2, ss.214-219, 2009 (SCI-Expanded)
- XXXVII. **ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF TAMOXIFEN CITRATE USING NORMAL PHASE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY**  
Yerlikaya F., Launay M., Gegu C., Leturgez T., BİLENSOY E., ÇALIŞ S., ÇAPAN Y.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.183-184, 2009 (SCI-Expanded)
- XXXVIII. **STUDIES ON THE IMPROVEMENT OF ENCAPSULATION EFFICIENCY OF A HYDROPHILIC DRUG**  
Yag G., Yegin B., ÇALIŞ S.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.38, sa.1, ss.87-88, 2009 (SCI-Expanded)
- XXXIX. **Comparative evaluation of polymeric and amphiphilic cyclodextrin nanoparticles for effective camptothecin delivery**  
Çirpanli Y., Bilensoy E., Lale Doğan A., Çaliş S.  
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, cilt.73, sa.1, ss.82-89, 2009 (SCI-Expanded)
- XL. **Development of biodegradable drug releasing polymeric cardiovascular stents and in vitro evaluation**  
Sarisozen C., Arica B., Hincal A. A., ÇALIŞ S.  
JOURNAL OF MICROENCAPSULATION, cilt.26, sa.6, ss.501-512, 2009 (SCI-Expanded)
- XLI. **Thermosensitive mucoadhesive gel formulation loaded with 5-Fu: cyclodextrin complex for HPV-induced cervical cancer**  
Bilensoy E., Cirpanli Y., Sen M., Dogan A. L., Calis S.  
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, cilt.57, ss.363-370, 2007 (SCI-Expanded)
- XLII. **Implantation of vancomycin microspheres in blend with human/rabbit bone grafts to infected bone defects**  
Sayin B., Calis S., Atilla B., MARANGOZ S., Hincal A. A.  
JOURNAL OF MICROENCAPSULATION, cilt.23, sa.5, ss.553-566, 2006 (SCI-Expanded)
- XLIII. **Formulation and in vitro evaluation of bisphosphonate loaded microspheres for implantation in osteolysis**  
Samdancioglu S., Calis S., Sumnu M., Hincal A.  
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, cilt.32, sa.4, ss.473-481, 2006 (SCI-Expanded)
- XLIV. **Formulation and in-vitro characterization of retinoic acid loaded poly (lactic-co-glycolic acid) microspheres**  
Cirpanli Y., Unlu N., Calis S., Hincal A.  
JOURNAL OF MICROENCAPSULATION, cilt.22, sa.8, ss.877-889, 2005 (SCI-Expanded)
- XLV. **In vitro and in vivo studies of ibuprofen-loaded biodegradable alginate beads**  
ARICA YEGİN B., ÇALIŞ S., ATİLLA P., KANDİLCİ N. T., ÇAKAR A. N., Kaş H. S., Hincal A. A.  
JOURNAL OF MICROENCAPSULATION, cilt.22, sa.2, ss.153-165, 2005 (SCI-Expanded)
- XLVI. **The effects of lyophilization on the stability of liposomes containing 5-FU**  
Glavas-Dodov M., Fredro-Kumbaradzi E., Goracinova K., Simonoska M., Calis S., Trajkovic-Jolevskaa S., Hincal A.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.291, ss.79-86, 2005 (SCI-Expanded)
- XLVII. **5-Fluorouracil in topical liposome gels for anticancer treatment - Formulation and evaluation**  
Glavas-Dodov M., Fredro-Kumbaradzi E., Goracinova K., ÇALIŞ S., Simonoska M., Hincal A. A.  
Acta Pharmaceutica, cilt.53, sa.4, ss.241-250, 2003 (SCI-Expanded)
- XLVIII. **In vitro/in vivo evaluation of the efficiency of teicoplanin-loaded biodegradable microparticles formulated for implantation to infected bone defects**  
Yenice I., Calis S., Atilla B., Kas H., Ozalp M., Ekizoglu M., Bilgili H., Hincal A.

- JOURNAL OF MICROENCAPSULATION, cilt.20, sa.6, ss.705-717, 2003 (SCI-Expanded)
- XLIX. **Biodegradable implantable teicoplanin beads for the treatment of bone infections**  
Yenice I, Calis S, Kas H, Ozalp M, Ekizoglu M, Hincal A.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.242, ss.271-275, 2002 (SCI-Expanded)
- L. **5-fluorouracil encapsulated alginate beads for the treatment of breast cancer**  
Arica B, Calis S, Kas H, Sargon M, Hincal A.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.242, ss.267-269, 2002 (SCI-Expanded)
- LI. **Influence of irradiation sterilization on poly(lactide-co-glycolide) microspheres containing anti-inflammatory drugs**  
Calis S, Bozdog S, Kas H, Tuncay M, Hincal A.  
FARMACO, cilt.57, sa.1, ss.55-62, 2002 (SCI-Expanded)
- LII. **In vitro evaluation and intra-articular administration of biodegradable microspheres containing naproxen sodium**  
Bozdog S, Calis S, Kas H, Ercan M, Peksoy I, Hincal A.  
Journal of Microencapsulation, cilt.18, sa.4, ss.443-456, 2001 (SCI-Expanded)
- LIII. **Approaches to education of pharmaceutical biotechnology in faculties of pharmacy**  
ÇALIŞ S, Öner F, Kas S, Atilla Hincal A.  
Current Pharmaceutical Biotechnology, cilt.2, sa.2, ss.143-155, 2001 (SCI-Expanded)
- LIV. **Oral multiple w/o/w emulsion formulation of a peptide salmon calcitonin: in vitro in vivo evaluation**  
Dogru S, Calis S, Oner F.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, cilt.25, sa.6, ss.435-443, 2000 (SCI-Expanded)
- LV. **In vitro and in vivo evaluation of diclofenac sodium loaded albumin microspheres**  
Tuncay M, Calis S, Kas H, Ercan M, Peksoy I, Hincal A.  
JOURNAL OF MICROENCAPSULATION, cilt.17, sa.2, ss.145-155, 2000 (SCI-Expanded)
- LVI. **Diclofenac sodium incorporated PLGA (50 : 50) microspheres: formulation considerations and in vitro/in vivo evaluation**  
Tuncay M, Calis S, Kas H, Ercan M, Peksoy I, Hincal A.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.195, ss.179-188, 2000 (SCI-Expanded)
- LVII. **Formulation and stability evaluation of enteric-coated omeprazole formulations**  
Bozdog S, Calis S, Sumnu M.  
S.T.P. Pharma Sciences, cilt.9, sa.4, ss.321-327, 1999 (SCI-Expanded)
- LVIII. **ADSORPTION OF SALMON-CALCITONIN TO PLGA MICROSPHERES**  
CALIS S, JEYANTHI R, TSAI T, MEHTA R, DELUCA P.  
PHARMACEUTICAL RESEARCH, cilt.12, sa.7, ss.1072-1076, 1995 (SCI-Expanded)
- LIX. **EFFECT OF SUPPOSITORY BASES ON THE RELEASE PROPERTIES OF A POTENT ANTIMICROBIAL AGENT (C31-G)**  
CALIS S, SUMNU M, HINCAL A.  
PHARMAZIE, cilt.49, sa.5, ss.336-339, 1994 (SCI-Expanded)
- LX. **BIODEGRADABLE MICROSPHERES AS DEPOT SYSTEM FOR PARENTERAL DELIVERY OF PEPTIDE DRUGS**  
MEHTA R, JEYANTHI R, CALIS S, THANOO B, BURTON K, DELUCA P.  
JOURNAL OF CONTROLLED RELEASE, cilt.29, sa.3, ss.375-384, 1994 (SCI-Expanded)
- LXI. **Evaluation of the irritation of a new potent antimicrobial surfactant, C31G: An irrigation study on albino rabbit eyes**  
ÜNLÜ N. A., ÇALIŞ S., Irkeç M., Aksoy F., Orhan M., Sumnu M., Hincal A.  
S.T.P. Pharma Sciences, cilt.2, sa.1, ss.45-48, 1992 (SCI-Expanded)
- LXII. **FORMULATION AND INVITRO - INVIVO EVALUATIONS ON SUSTAINED-RELEASE ACETYLSALICYLIC-ACID TABLETS**  
CAPAN Y, ŞENEL S, CALIS S, TAKKA S, HINCAL A.  
PHARMAZEUTISCHE INDUSTRIE, cilt.51, sa.4, ss.443-448, 1989 (SCI-Expanded)
- LXIII. **INVITRO ADSORPTION OF PROPRANOLOL HYDROCHLORIDE BY VARIOUS ANTACIDS**

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Bakteriyel Keratit Tedavisinde Yeni İlaç Taşıyıcı Sistemlerin Uygulanması**  
POLAT H. K., PEHLİVAN S., ÇALIŞ S.  
Türkiye Klinikleri Journal of Ophthalmology, cilt.27, sa.4, ss.289-301, 2018 (Hakemli Dergi)
- II. **Dünya Farmakopeleri**  
KARACAOĞLU M., SALTAN H. G., ÇALIŞ S.  
Türk Farmakope Dergisi, cilt.2, sa.1, ss.25-30, 2017 (Hakemli Dergi)
- III. **Tumor Targeting Strategies**  
ÇALIŞ S., ÖZTÜRK K.  
Journal of Drug Research and Development, 2017 (Hakemli Dergi)
- IV. **Cyclodextrins and their applications in biomedical field Siklodekstrinler ve Biyomedikal Alandaki Uygulamaları**  
Çelen N., BİLENSOY E., ÇALIŞ S.  
Hacettepe University Journal of the Faculty of Pharmacy, cilt.36, sa.1, ss.50-69, 2016 (Scopus)
- V. **Siklodekstrinler ve Biyomedikal Alandaki Uygulamaları**  
ÇELEN N., BİLENSOY E., ÇALIŞ S.  
Hacettepe University Journal of the Faculty Pharmacy, 2016 (Hakemli Dergi)
- VI. **Etodolac loaded poly (lactide-co-glycolide) nanoparticles: Formulation and in vitro characterization Etodolak yüklü poli (Laktid-ko-glikolid) nanopartikülleri: Formülasyon ve in vitro karakter**  
Çirpanlı Y., Robineau C., ÇAPAN Y., ÇALIŞ S.  
Hacettepe University Journal of the Faculty of Pharmacy, cilt.29, sa.2, ss.105-114, 2009 (Scopus)
- VII. **Influence of accelerated storage conditions on the stability of vancomycin-loaded poly(D,L-lactide-co-glycolide) microspheres**  
Sayin B., ÇALIŞ S.  
Fabad Journal of Pharmaceutical Sciences, cilt.29, sa.3, ss.111-116, 2004 (Scopus)
- VIII. **The effects of lyophilisation on the stability of liposomes containing 5-FU**  
Glavas-Dodov M., Fredro-Kumbaradzi E., Goracinova K., Mladenovska K., Simonoska M., ÇALIŞ S., Hincal A.  
Farmaceutski Vestnik, cilt.54, ss.427-428, 2003 (Scopus)
- IX. **The determination of alendronate sodium in microparticulate systems by high performance liquid chromatography**  
Şamdancıoğlu S., ÇALIŞ S., KIR S., Şumnu M.  
Fabad Journal of Pharmaceutical Sciences, cilt.28, sa.4, ss.183-192, 2003 (Scopus)
- X. **Bioavailability file: Teicoplanin Biyoyararlanım dosyası: Teikoplanin**  
Yenice I., ÇALIŞ S.  
Fabad Journal of Pharmaceutical Sciences, cilt.26, sa.3, ss.143-155, 2001 (Scopus)
- XI. **Biodegradable synthetic and natural polymers used in drug delivery systems İlaç taşıyıcı sistemlerde kullanılan biyoparçalanabilir sentetik ve doğal polimerler**  
Tuncay M., ÇALIŞ S.  
Fabad Journal of Pharmaceutical Sciences, cilt.24, sa.2, ss.109-123, 1999 (Scopus)
- XII. **Formulation and in vitro evaluation of enteric coated omeprazole tablets**  
Bozdağ S., ÇALIŞ S., Sumnu M.  
Farmaceutski Vestnik, cilt.48, ss.336-337, 1997 (Scopus)
- XIII. **A non-antibiotic antimicrobial mixture (C31G): Evaluation of the antimicrobial efficiency of C31G on vaginal cultures**  
ÇALIŞ S., Yulug N., Sumnu M., Ayhan A., Hincal A.  
Bollettino Chimico Farmaceutico, cilt.131, sa.9, ss.335-338, 1992 (Scopus)

#### XIV. Evaluation of the interfacial properties of a new potent antimicrobial surfactant C 31G

ÜNLÜ N. A., ÇALIŞ S., Sumnu M., Hincal A.

Bollettino Chimico Farmaceutico, cilt.130, sa.6, ss.234-238, 1991 (Scopus)

### Kitap & Kitap Bölümleri

- I. **Nanopharmaceuticals as Drug Delivery Systems: for, against and current applications**  
Çalış S., Öztürk Atar K., Arslan F. B., Eroğlu H., Çapan Y.  
Nano-carriers for Drug Delivery, Mohapatra S.S,Ranjan S,Dasgupta N,Kumar Mishra R,Thomas S, Editör, Elsevier Science, Oxford/Amsterdam , Massachusetts, ss.133-154, 2019
- II. **Dozaj Şekilleri**  
ÇAPAN Y., SAVAŞER A., KANTARCI A. G., KARATAŞ A., ARICA YEGİN B., HASÇİÇEK C., KARASULU E., BİLENSOY E., BALOĞLU E., EROĞLU H., et al.  
Türk Farmakopesi 2017-II, Dr. ALİ ALKAN, ERAY KAPLAN, OĞUZHAN KOYUNCU, SELİN ERGÜN AYAN, Editör, SAĞLIK BAKANLIĞI, Ankara, ss.969-1014, 2018
- III. **Nanoaygıtlar**  
Çalış S.  
Nanofarmasötikler ve Uygulamaları, Ayla Zırh Gürsoy, Editör, Aktif Yayınevi, İstanbul, ss.179-191, 2014
- IV. **Dendrimerler**  
Çalış S., Pehlivan S.  
Nanofarmasötikler ve Uygulamaları, Ayla Zırh Gürsoy, Editör, Aktif Yayınevi, İstanbul, ss.41-49, 2014
- V. **5-Fluorouracil-Loaded Alginate Microspheres in Chitosan Gel for Local Therapy of Breast Cancer**  
Çalış S., Arica Yegin B., Kaş H. S., Hincal A. A.  
Chitosan in Pharmacy and Chemistry, R.A.A Muzzarelli,C.Muzzarelli, Editör, Atec, Bari, ss.65-69, 2002
- VI. **Chitosan Microspheres of Ibuprofen: Evaluation and In Vitro Characterization**  
Arica Yegin B., Çalış S., Kaş H. S., Hincal A. A.  
Chitosan in Pharmacy and Chemistry, R.A.A. Muzzarelli,C. Muzzarelli, Editör, Atec, Bari, ss.71-76, 2002
- VII. **Chitosan Treated 5-FU Liposomes: Preparation and In vitro Evaluation**  
Arica Yegin B., Çalış S., Kaş H., Hincal A.  
MINUTES, New Trends in Polymers for Oral and Parenteral Administration from Design to Receptors, G.Baratt,D.Duchenne,E.Fattal,J.Y.Legendre, Editör, Editions de Santé, Paris, ss.225-228, 2001

### Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Development of Besifloxacin HCl Loaded Insert Formulations for the Treatment of Bacterial Keratitis**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, Türkiye, 14 - 16 Ekim 2019
- II. **Effect of Formulation Parameters on PLGA and PLGA-PEG Nanoparticles Formulated with Double Emulsion Method**  
Arslan F. B., ÖZTÜRK K., ESENDAĞLI G., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, 14 - 16 Ekim 2019
- III. **In Vitro Evaluation of Ocular Insert Formulations Containing Besifloxacin HCl**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, Türkiye, 14 - 16 Ekim 2019
- IV. **Ex-Vivo And In-Vivo Evaluation of Riboflavin Containing Solid Lipid Nanoparticles For The Treatment Of Keratoconus Disease**  
AYTEKİN E., PEHLİVAN S., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, Türkiye, 14 - 16 Ekim 2019
- V. **A Modified Cell Culture Method for Evaluation of Chitosan Nanoparticles**



ÖZTÜRK K., Arslan F. B., Tavukçuoğlu E., ESENDAĞLI G., ÇALIŞ S.

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

- VI. **Preparation and Comparative Evaluation of Gemcitabine Loaded Polymeric Nanoparticles for Pancreatic Cancer Treatment**  
Arslan F. B., ÖZTÜRK K., ESENDAĞLI G., ÇALIŞ S.  
45th Annual Meeting Exposition of the Controlled Release Society, 22 - 24 Temmuz 2018
- VII. **Investigation of Riboflavin and Riboflavin-5-Phosphate Sodium Release from Ocular Hydrogels**  
AYTEKİN E., PEHLİVAN S., ÇALIŞ S.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- VIII. **Validation of an HPLC method for the determination of besifloxacin HCl from ocular insert based on polycaprolactone**  
POLAT H. K., PEHLİVAN S., KIR S., ÇALIŞ S.  
12th International Symposium on Pharmaceutical Sciences, Türkiye, 26 - 29 Haziran 2018
- IX. **Development of Solid Lipid Nanoparticles Containing Riboflavin By Factorial Design**  
AYTEKİN E., PEHLİVAN S., ÇALIŞ S.  
European Federation for Pharmaceutical Sciences – EUFEPS Annual Meeting 2018, Yunanistan, 24 - 26 Mayıs 2018
- X. **Gemcitabine delivery via dendrimer carriers decorated with anti-VGFR1 antibody to target tumor-induced myeloid cells**  
KURŞUNEL M. A., Yoyen Ermis D., OZTURK ATAR K., AYDIN Ç., OZKAZANC D., GURBUZ M. U., ÜNER A., TULU M., ÇALIŞ S., ESENDAĞLI G.  
Myeloid Derived Suppressor Cells: Identification and implications in Human Diseases, 16 - 18 Nisan 2018
- XI. **Development and Characterization Of Thermosensitive Hydrogel Systems Containing Riboflavin-5 Phosphate Sodium**  
AYTEKİN E., PEHLİVAN S., ÇALIŞ S.  
2nd International Gazi Pharma Symposium Series, Ankara, Türkiye, 11 - 13 Ekim 2017
- XII. **Passive Targeting of Gemcitabine Using Poly(Caprolactone) Nanoparticles for Cancer Treatment**  
ÖZTÜRK K., Arslan F. B., ESENDAĞLI G., ÇALIŞ S.  
2nd Gazi Pharma Symposium Series, 11 - 13 Ekim 2017
- XIII. **Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers**  
ÖZTÜRK K., ESENDAĞLI G., Gürbüz M. U., TULU M., ÇALIŞ S.  
Advanced School in Nanomedicine, 25 - 28 Eylül 2017
- XIV. **Tıbbi Cihazlar/İlaç-Cihaz Kombinasyon Ürünlerine Genel Bakış**  
ÇALIŞ S.  
Anadolu Üniversitesi Eczacılık Sempozyumu, Türkiye, 01 Haziran 2017
- XV. **Development of Electrospun Nanofiber-Based Implants Coated with Different Polymers for Topical Ocular Therapy**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
The 22nd Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017
- XVI. **İlaç-Tıbbi Cihaz Kombinasyonları**  
ÇALIŞ S.  
Erzincan Üniversitesi Eczacılık Fakültesi Kariyer Günleri, Türkiye, 21 Mart 2017
- XVII. **Dexamethasone Loaded Electrospun Nanofiber Based Implants for Topical Ocular Therapy**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
18th International Pharmaceutical Technology Symposium, 18 - 21 Eylül 2016
- XVIII. **In vitro Studies of 5 Fluorouracil Loaded Eudragit Nanoparticles Prepared by The Modified Solvent Displacement Method**  
Kawser M., Özçelikay G., Arıca b., ÇALIŞ S.  
18th International Pharmaceutical Technology Symposium, 18 - 21 Eylül 2016
- XIX. **In vitro studies of 5 FU loaded Eudragit Nanoparticle Prepared by Solvent Displacement Method**  
Kawser M., Özçelikay G., ARICA YEGİN B., ÇALIŞ S.

IPTS, 18 - 21 Eylül 2016

- XX. **Active targeting of anti VEGFR 1 monoclonal antibody conjugated gemcitabine loaded dendrimers to pancreatic cancer and in vitro in vivo evaluation**  
ÖZTÜRK K., gurbuz u. m., TÜLÜ M., ESENDAĞLI G., ÇALIŞ S.  
18th International Pharmaceutical Technology Symposium, 18 - 21 Eylül 2016
- XXI. **Targeting myeloid derived suppressor cells MDSCs in pancreatic cancer by gemcitabine loaded anti VEGFR1 antibody coated dendrimers carriers**  
ÖZTÜRK K., yöyen ermiş d., özkazanç d., gürbüz m. u., TÜLÜ M., ÇALIŞ S., ESENDAĞLI G.  
3rd International Molecular Immunology & Immunogenetics Congress MIMIC-III, 27 - 30 Nisan 2016
- XXII. **Development of thermosensitive gel system combined with enzyme antibiotic and microspheres for the eradication of bacterial biofilm**  
Sarıgöl E., PEHLİVAN S., EKİZOĞLU M., SAĞIROĞLU M., BODUR E., ÇALIŞ S.  
1st International Gazi Pharma Symposium Series (GPSS 2015), 12 - 15 Kasım 2015
- XXIII. **Development Of Thermosensitive Gel System Combined With Enzyme Antibiotic And Microspheres For The Eradication Of Bacterial Biofilm**  
elif s., PEHLİVAN S., SAĞIROĞLU M., bodur E., ÇALIŞ S.  
1st International Gazi Pharma Symposium, 12 - 15 Kasım 2015
- XXIV. **Evaluation of Dendrimer Based Nanocarrier System for Pancreatic Cancer Therapy**  
ÖZTÜRK K., Gürbüz M. U., ESENDAĞLI G., TÜLÜ M., ÇALIŞ S.  
2015 AAPS Annual Meeting, 25 - 29 Ekim 2015
- XXV. **Sterilization by Gamma Radiation of Poly Epsilon Caprolactone Microspheres Containing Vancomycin Hydrochloride**  
Sarıgöl E., PEHLİVAN S., EKİZOĞLU M., SAĞIROĞLU M., ÇALIŞ S.  
2015 AAPS Annual Meeting, 25 - 29 Ekim 2015
- XXVI. **Evaluation of Developed Dendrimer based Nanocarrier System for Pancreatic Cancer Therapy**  
ÖZTÜRK K., Gürbüz M., Tülü M., ESENDAĞLI G., ÇALIŞ S.  
2015 AAPS Annual Meeting and Exposition, 25 Ekim - 29 Haziran 2015
- XXVII. **Cefixime oral bioavailability improved by cyclodextrin inclusion complex In vitro in vivo evaluation**  
ÇELEN N., ÖZTÜRK N., BİLENSOY E., ÇALIŞ S.  
4th European Conference on Cyclodextrins, 6 - 09 Ekim 2015
- XXVIII. **Preparation and In Vitro Characterization of 5-Fluorouracil loaded biodegradable Nanoparticles**  
Mashal A., Öztürk Atar K., Arıca Yegin B., Çalış S.  
2014 AAPS Annual Meeting and Exposition, California, Amerika Birleşik Devletleri, 2 - 06 Kasım 2014
- XXIX. **Development of Dendrimer-based Nanocarrier System for Cancer Therapy**  
Çalış S., Öztürk Atar K., Gürbüz M. U., Tülü M.  
2014 AAPS Annual Meeting and Exposition, California, Amerika Birleşik Devletleri, 2 - 06 Kasım 2014
- XXX. **A new approach on vancomycin activity potentiation using medical device related osteomyelitis therapy**  
EKİZOĞLU M., Sarıgöl E., PEHLİVAN S., ÖZALP M., BODUR E., ÇAĞLAR Ö., ATILLA B., ÇALIŞ S.  
Biofilm-based healthcare-associated infections: from microbiology to clinics, 9 - 11 Ekim 2014
- XXXI. **Introduction and Overview of Drug/Device Combination Products**  
Çalış S.  
17th International Pharmaceutical Technology Symposium, Antalya, Türkiye, 8 - 10 Eylül 2014
- XXXII. **Enhanced Solubility of Cefixime, a Poorly Soluble Drug, with Using Hydroxypropyl  $\beta$ -Cyclodextrin**  
Çalış S., Bilensoy E., Öztürk Atar K., Çelen N.  
3rd European Conference on Cyclodextrins, Antalya, Türkiye, 2 - 04 Eylül 2013
- XXXIII. **Effect of Generation Number and Concentration on in vitro Characterization and Cytotoxicity of Dendrimers**  
Çalış S., Öztürk Atar K., Sarısözen C., Tülü M., Ertürk A. S.  
2012 AAPS Annual Meeting and Exposition, Illinois, Amerika Birleşik Devletleri, 14 - 18 Ekim 2012
- XXXIV. **5-FU Loaded PLA/PLGA PEG-PPG-PEG Polymeric Nanoparticles: Characterization and Cell Culture**

## Studies

Çalış S., Öcal H., Arica Yegin B., Vural İ., Goracinova K.

9th Central European Symposium on Pharmaceutical Technology, Dubrovnik, Hırvatistan, 20 - 22 Eylül 2012

XXXV. **Vancomycin HCl Loaded Poly( $\epsilon$ -Caprolactone) Microspheres: Preparation and In Vitro Characterization**

Çalış S., Pehlivan S., Sarıgöl E.

16th International Pharmaceutical Technology Symposium, Antalya, Türkiye, 10 - 12 Eylül 2012

XXXVI. **Overview of Drug/Device Combinations and Use in Local Therapies**

Çalış S.

16th International Pharmaceutical Technology Symposium, Antalya, Türkiye, 10 - 12 Eylül 2012

XXXVII. **Tıbbi Cihazlar: Ürün Geliştirme, Regülasyonlar ve Klinik Uygulamalar**

Çalış S.

TÜFTAD Toplantısı, Ankara, Türkiye, 04 Temmuz 2012

XXXVIII. **5-Fluorouracil Loaded PLG/PLGA PEG-PPG-PEG Polymeric Nanoparticles: Formulation and In Vitro Characterization**

Çalış S., Öcal H., Arica Yegin B., Goracinova K.

8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, İstanbul, Türkiye, 19 - 22 Mart 2012

XXXIX. **Drug-Dendrimer Complex: Novel and Potential Systems for Oral Antiinflammatory Drug Delivery**

Öztürk Atar K., Tülü M., Çalış S.

2011 AAPS Annual Meeting and Exposition, Washington, Amerika Birleşik Devletleri, 23 - 27 Ekim 2011

XL. **IN VITRO EVALUATION OF VANCOMYCIN MICROSPHERES IN SERRATIOPEPTIDASE LOADED THERMOSENSITIVE GEL FOR THE TREATMENT OF BACTERIAL BIOFILM**

Cirpanlı Y., Bozdağ-Pehlivan S., EKİZOĞLU M., BODUR E., ÖZALP M. A., ÇALIŞ S.

4th BBBB-Bled International Conference on Pharmaceutical Sciences - New Trends in Drug Discovery, Delivery Systems and Laboratory Diagnostics, Bled, Slovenya, 29 Eylül - 01 Ekim 2011, cilt.44, ss.155-156

XLI. **<sup>99m</sup>Tc radiolabeling of Nanoparticles for Biodistribution and Efficacy Studies**

Geskovski N., Kuzmanovska S., Crcarevska M., Çalış S., Glavas Dodov M., Kocovska Z., Goracinova K.

5th Congress of Pharmacy of Macedonia, Ohrid, Makedonya, 21 - 25 Eylül 2011, ss.216-217

XLII. **Medical Device/Drug Combination Products: A Perfect Mix for Biotherapeutics**

Çalış S.

5th Congress of Pharmacy of Macedonia, Ohrid, Makedonya, 21 - 25 Eylül 2011, ss.226

XLIII. **Strategies for Improvement of the EPR Effect of PLGA Amphiphilic Nanoparticles**

Crcarevska M., Glavas Dodov M., Çalış S., Geskovski N., Goracinova K.

5th Congress of Pharmacy of Macedonia, Ohrid, Makedonya, 21 - 25 Eylül 2011, ss.306-307

XLIV. **Physico-chemical properties of PLGA amphiphilic nanoparticles and solid tumor targeting**

Crcarevska M., Geskovski N., Glavas Dodov M., Çalış S., Dimcevska S., Goracinova K.

5th Congress of Pharmacy of Macedonia, Ohrid, Makedonya, 21 - 25 Eylül 2011, ss.214-215

XLV. **Preparation and Biological Evaluation of irinotecan hydrochloride loaded biodegradable nanocarriers for tumour delivery by EPR effect**

Crcarevska M., Çalış S., Geskovski N., Kuzmanovska S., Glavas Dodov M., Goracinova K.

3rd PharmSci Fair, Praha, Çek Cumhuriyeti, 13 - 17 Haziran 2011

XLVI. **Amphiphilic Carriers for Targeted Anticancer Drug Delivery**

Çirpanlı Y., Arica Yegin B., Goracinova K., Çalış S.

AAPS Meetings & Education: 2010 PSWC Annual Meeting, Louisiana, Amerika Birleşik Devletleri, 14 - 18 Kasım 2010

XLVII. **CPT-11 Loaded PLGA Nanoparticles: Formulation and Optimization"**

Crcarevska M., Glavas Dodov M., Çalış S., Petrovska V., Geskovski N., Goracinova K.

XXI Congress of Chemist and Technologist of Macedonia, Ohrid, Makedonya, 23 - 26 Eylül 2010

XLVIII. **Formulation and Optimization of biodegradable CPT-11 loaded nanocarriers for anticancer and/or combined anticancer and gene therapy**

- Crcarevska M., Glavas Dodov M., Çalış S., Petrovska V., Geskovski N., Goracinova K.  
15th International Pharmaceutical Technology Symposium, Antalya, Türkiye, 13 - 15 Eylül 2010
- XLIX. **Physico-Chemical Characterization of Biodegradable Polymeric Nanoparticles Loaded With CPT-11**  
Simonoska Crcarevska M., Glavas Dodov M., Çalış S., Petrovska V., Geskovski N., Goracinova K.  
4. Croatian Congress of Pharmacy, Rijeka, Hırvatistan, 27 - 30 Mayıs 2010
- L. **Development of Polymeric and Cyclodextrin Nanoparticles for Camptothecin Delivery**  
Çırpanlı Y., Bilensoy E., Doğan A. L., Çalış S.  
11th European Symposium on Controlled Drug Delivery , Amsterdam, Hollanda, 7 - 09 Nisan 2010, ss.273-276
- LI. **Comparative Evaluation of In Vitro Parameters of Tamoxifen Citrate Loaded Chitosan, Poly( $\epsilon$ -Caprolactone) and Poly(Lactide-co-Glycolide) Nanoparticles**  
Launay M., Gegu C., Leturgez T., Çırpanlı Y., Öztürk Atar K., Erdoğan N., Yerlikaya F., Bilensoy E., Çalış S., Çapan Y.  
7th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Valletta, Malta, 8 - 11 Mart 2010
- LII. **Analytical Method Development and Validation of Tamoxifen Citrate Using Normal Phase High Performance Liquid Chromatography**  
Yerlikaya F., Launay M., Gegu C., Leturgez T., Bilensoy E., Çalış S., Çapan Y.  
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Türkiye, 26 - 28 Ekim 2009, ss.95-96
- LIII. **Muco/Bioadhesive Properties and In Vivo Biodistribution of Chitosan-Ca-Alginate Microparticles Loaded With 5-FU**  
Glavas Dodov M., Çalış S., Kuzmanovska S., Crcarevska M., Petrovska V., Geskovski N., Goracinova K.  
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Türkiye, 26 - 28 Ekim 2009, ss.183-184
- LIV. **Medical Devices and Pharmaceuticals: Differences and Regulatory Approach**  
Çalış S.  
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Türkiye, 26 - 28 Ekim 2009, ss.12-13
- LV. **Studies on the Improvement of Encapsulation Efficiency of a Hydrophilic Drug**  
Yağ G., Arıca Yegin B., Çalış S.  
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Türkiye, 26 - 28 Ekim 2009, ss.87-88
- LVI. **Placebo Controlled Clinical Trial of Thermosensitive Gel Loaded with 5-FU:Cyclodextrin Complex for Treatment of HPV-Induced Genital Lesions**  
Bilensoy E., Çırpanlı Y., Moröy P., Bilensoy T., Çalış S., Mollamahmutoğlu L.  
The First European Cyclodextrin Conference, Aalborg, Danimarka, 11 - 13 Ekim 2009
- LVII. **Non Steroidal Anti Inflammatory Drugs Loaded Poly(Lactide-co-Glycolide) and Chitosan Nanoparticles: Formulation and In Vitro Characterization**  
Choplin J., Robineau C., Çırpanlı Y., Çaban S., Çalış S., Çapan Y.  
2nd PharmSciFair 2009-Premier European Platform for Advancing Pharmaceutical Sciences, Nice, Fransa, 8 - 12 Haziran 2009
- LVIII. **Formulation and In Vitro Characterization of Tolmetin Sodium Loaded Eudragit® Microspheres**  
Yağ G., Arıca Yegin B., Çalış S.  
2nd PharmSciFair 2009-Premier European Platform for Advancing Pharmaceutical Sciences, Nice, Fransa, 8 - 12 Haziran 2009
- LIX. **Importance of Physico-Chemical Characteristics of Smart Carriers for Improved Therapeutic Efficacy**  
Goracinova K., Steffansen B., Glavas Dodov M., Çalış S.  
International Symposium on Drug Research and Development 2009, From Chemistry to Medicine & Educational Fair on "GLP and Laboratory Safety: New Approaches", , Ankara, Türkiye, 4 - 07 Mayıs 2009
- LX. **Etodolac Loaded Poly(Lactide-co-Glycolide) Nanoparticles: Formulation and In Vitro Characterization**  
Çırpanlı Y., Robineau C., Çapan Y., Çalış S.  
International Symposium on Drug Research and Development 2009, From Chemistry to Medicine & Educational Fair on "GLP and Laboratory Safety: New Approaches", Ankara, Türkiye, 4 - 07 Mayıs 2009
- LXI. **Naproxen Sodium Loaded Chitosan Nanoparticles: Formulation and In Vitro Characterization**  
Çaban S., Choplin J., Çalış S., Çapan Y.

International Symposium on Drug Research and Development 2009, From Chemistry to Medicine & Educational Fair on "GLP and Laboratory Safety: New Approaches", Ankara, Türkiye, 4 - 07 Mayıs 2009

- LXII. **Formulation and In Vitro - In Vivo Evaluation of Triclosan Coated Grafts**  
Çırpanlı Y., Bilensoy E., Çakmak A., Çalış S.  
7th Central European Symposium on Pharmaceutical Technology and Biodelivery Systems, Ljubljana, Slovenya, 18 - 20 Eylül 2008
- LXIII. **WFA Functionalized Chitosan-Ca-Alginate Microparticles Loaded with 5-FU for Local Treatment for Colon Cancer**  
Glavas Dodov M., Hıncal A., Çalış S., Steffansen B., Simonoska Crcarevska M., Goracinova K.  
7th Central European Symposium on Pharmaceutical Technology and Biodelivery Systems, Ljubljana, Slovenya, 18 - 20 Eylül 2008
- LXIV. **Evaluation of Camptothecin Loaded Nanoparticles for Malignant Gliomas**  
Çırpanlı Y., Bilensoy E., Passirani C., Çalış S., Benoit J.  
Globalization of Pharmaceutical Education Network-GPEN 2008, Leuven, Belçika, 9 - 12 Eylül 2008
- LXV. **Preparation and Evaluation of Lectin-Conjugated 5-Fluorouracil (5-FU) Loaded PLGA Microparticles for Colon Delivery**  
Arıca Yegin B., Çalış S., Goracinova K., Hıncal A. A.  
35th Annual Meeting & Exposition of the Controlled Release Society, New-York, Amerika Birleşik Devletleri, 12 - 16 Temmuz 2008, ss.139-140
- LXVI. **Antibacterial Effects of Triclosan Coated Polypropylene Grafts on Graft Infection Model in Rats**  
Çakmak A., Sarıbaş Z., Çırpanlı Y., Çalış S., Hasçelik A. G., Yorgancı H. K., Kaynaroğlu Z. V.  
21st European Congress Surgical Infection Society-Europe, Antalya, Türkiye, 1 - 03 Mayıs 2008
- LXVII. **Formulation and In Vitro Evaluation of Camptothecin Loaded Poly-e-Caprolactone Nanoparticles**  
Çırpanlı Y., Bilensoy E., Çalış S.  
6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, İspanya, 7 - 10 Nisan 2008
- LXVIII. **Prednisolone Acetate Incorporated Chitosan Microspheres for Preventing Restenosis**  
Sarısözen C., Çalış S., Arıca Yegin B., Hıncal A.  
6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, İspanya, 7 - 10 Nisan 2008
- LXIX. **Chitosan-Ca-Alginate Microparticles Loaded With Hpmcp Hp55 Coated 5-Fu: Physical Characterization**  
Glavas Dodov M., Hıncal A., Çalış S., Simonoska Crcarevska M., Mladenovska K., Geskovski N., Goracinova K.  
6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Barcelona, İspanya, 7 - 10 Nisan 2008
- LXX. **Implantable Biodegradable Microparticles for Orthopaedical Applications**  
Çalış S.  
Fourth Congress of Pharmacy of Macedonia with International Participation, Ohrid, Makedonya, 26 - 30 Eylül 2007, ss.37
- LXXI. **Spray-Dried Chitosan-Ca-Alginate Microparticles for Colon Delivery**  
Glavas Dodov M., Hıncal A., Çalış S., Simonoska Crcarevska M., Geskovski N., Goracinova K.  
Fourth Congress of Pharmacy of Macedonia with International Participation, Ohrid, Makedonya, 26 - 30 Eylül 2007, ss.45
- LXXII. **In Vitro Evaluation of 5-Fluorouracil-Loaded Enteric Coated PLGA Microparticles Prepared by Spray-Drying Technique**  
Arıca Yegin B., Çalış S., Goracinova K., Hıncal A.  
Fourth Congress of Pharmacy of Macedonia with International Participation, Ohrid, Makedonya, 26 - 30 Eylül 2007, ss.50
- LXXIII. **Stabilization of Camptothecin in PLGA Nanoparticles**  
Çırpanlı Y., Bilensoy E., Çalış S., Hıncal A.  
The 2nd BBBB Conference on Pharmaceutical Sciences, Tallinn, Estonya, 13 - 15 Eylül 2007

- LXXIV. Physicochemical Characterization of Biodegradable Cardiovascular Stents**  
Sarisözen C., Arıca Yegin B., Çalış S., Hıncal A. A.  
International Symposium on Drug Research and Development , Antalya, Türkiye, 17 - 20 Mayıs 2007
- LXXV. In Vitro Evaluation of Polymer Coated Prednisolone Acetate Eluting Cardiovascular Stents**  
Sarisözen C., Arıca Yegin B., Çalış S., Hıncal A. A.  
3rd Pharmaceutical Sciences World Congress, Amsterdam, Hollanda, 22 - 25 Nisan 2007
- LXXVI. Development of Camptothecin Loaded Nanoparticles from Amphiphilic  $\beta$ -Cyclodextrin Derivatives**  
Çırpanlı Y., Bilensoy E., Çalış S., Şen M., Hıncal A.  
Pharmaceutical Sciences World Congress, Amsterdam, Hollanda, 22 - 25 Nisan 2007
- LXXVII. A New Protein-based Drug Carrier: The Ferritin-Doxorubicin Complex**  
Çalış S., Ozlu E., Kılıç M.  
EUFEPS Workshop on Optimising Biotech Medicines, Munich, Almanya, 11 - 12 Ocak 2007
- LXXVIII. Development of Biodegradable Polymeric Cardiovascular Stents and In Vitro Evaluation**  
Sarisözen C., Arıca Yegin B., Çalış S., Hıncal A.  
2006 AAPS Annual Meeting and Exposition, Texas, Amerika Birleşik Devletleri, 29 Ekim - 02 Kasım 2006
- LXXIX. Prednisolone Acetate-Eluting Novel Biodegradable Vascular Stents For Implantation**  
Sarisözen C., Arıca Yegin B., Çalış S., Hıncal A.  
GPEN 2006, Kansas, Amerika Birleşik Devletleri, 25 - 27 Mayıs 2006
- LXXX. Formulation and Evaluation of 5-FU Loaded Chitosan/Alginate Microparticles Prepared by Spray-Drying**  
Glavas-Dodov M., Çalış S., Simonoska M., Goracinova K.  
13th International Pharmaceutical Technology Symposium, Antalya, Türkiye, 10 - 13 Eylül 2006, ss.61
- LXXXI. Camptothecin Inclusion Complexes with Natural and Modified  $\beta$ -Cyclodextrins**  
Çırpanlı Y., Bilensoy E., Çalış S., Şen M., Hıncal A.  
33rd Annual Meeting&Exposition of the Controlled Release Society, Vienna, Avusturya, 22 - 26 Temmuz 2006
- LXXXII. Thermosensitive Mucoadhesive Gel Formulation Loaded With 5-FU: Cyclodextrin Complex For HPV-Induced Cervical Cancer**  
Bilensoy E., Çırpanlı Y., Salih B., Şen M., Çalış S.  
13th International Cyclodextrin Symposium, Turin, İtalya, 14 - 17 Mayıs 2006
- LXXXIII. Development of Prednisolone Acetate Incorporated Microspheres by Spray-Drying Technique**  
Sarisözen C., Çalış S., Arıca Yegin B., Hıncal A.  
APGI and APV- 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Geneve, İsviçre, 27 - 30 Mart 2006
- LXXXIV. The Topical Application of 5-Fluorouracil (5-FU) Loaded Beads Having to Breast Cancer Patients Chestwall Recurrences**  
Arıca Yegin B., Çalış S., Güler N., Fredro-Kumbaradzi E., Hıncal A. A.  
15th International Symposium on Microencapsulation, Parma, İtalya, 18 - 21 Eylül 2005, ss.117-118
- LXXXV. Tolmetin Sodium Loaded Eudragit S 100 Microspheres: Preparation, In Vitro Evaluation and Stability Studies**  
Laleci F., Çalış S., Hıncal A.  
15th International Symposium on Microencapsulation, Parma, İtalya, 18 - 21 Eylül 2005
- LXXXVI. Stability Assessment of All-Trans-Retinoic Acid Microspheres**  
Çırpanlı Y., Aksungur P., Ünlü N., Çalış S., Hıncal A.  
15th International Symposium on Microencapsulation, Parma, İtalya, 18 - 21 Eylül 2005
- LXXXVII. Biphosphonate Loaded PLGA (50:50) Microspheres for Implantation in Osteolysis**  
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.  
15th International Symposium on Microencapsulation, Parma, İtalya, 18 - 21 Eylül 2005
- LXXXVIII. In Vivo Evaluation of Intraarticular Vancomycin Delivery Following Implantation of Antibiotic Loaded Allografts and Biopolymeric Microparticules into Bone Defects**  
Sayın B., Atilla B., Çalış S., Marangoz S., Hıncal A.  
XXIII SICOT/SIROT Triennial World Congress, İstanbul, Türkiye, 2 - 09 Eylül 2005

- LXXXIX. **Alendronate Sodium Incorporated Alginate Beads for Implantation in Orthopaedics**  
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.  
PharmSciFair, Nice, Fransa, 12 - 17 Haziran 2005
- XC. **Alendronate Sodium Incorporated Alginate Beads for Implantation in Orthopaedics**  
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.  
PharmSciFair, Nice, Fransa, 12 - 17 Haziran 2005
- XCI. **Preparation and In Vitro Evaluation of Tolmetin Sodium Loaded Oral Eudragit Microspheres**  
Laleci F., Çalış S., Hıncal A.  
6th European Symposium on Pharmaceutical Technology and Biotechnology, Kaposvár, Macaristan, 25 - 27 Mayıs 2005, ss.146
- XCII. **Preparation and in vitro evaluation of tolmetin sodium loaded oral Eudragit (R) microspheres**  
Laleci F., Çalış S., Hıncal A.  
6th Central European Symposium on Pharmaceutical Technology and Biotechnology, Slofok, Macaristan, 25 - 27 Mayıs 2005, cilt.25
- XCIII. **Formulation and In Vitro Evaluation of Bisphosphonate Loaded Chitosan Microspheres for Implantation in Osteolysis**  
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.  
EUFEPS 2004 New Safe Medicines Towards Mechanistic Prediction, Brussels, Belçika, 17 - 20 Ekim 2004, ss.52
- XCIV. **All-Trans-Retinoic Acid Microspheres: Preparation and In Vitro Characterization**  
Çırpanlı Y., Ünlü N., Çalış S., Hıncal A.  
EUFEPS 2004 New Safe Medicines Towards Mechanistic Prediction, Brussels, Belçika, 17 - 20 Ekim 2004, ss.53
- XCV. **Formulation and in vitro evaluation of bisphosphonate loaded chitosan microspheres for implantation in osteolysis**  
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.  
8th European Congress of Pharmaceutical Sciences, Brussels, Belçika, 17 - 20 Ekim 2004, cilt.23
- XCVI. **The Release of 5-FU from Liposomes as a Function of the Formulation Variables**  
Dodov M., Kumbaradzi E., Goracinova K., Simonoska M., Çalış S., Hıncal A.  
European Conference on Drug Delivery and Pharmaceutical Technology, Sevilla, İspanya, 10 - 12 Mayıs 2004
- XCVII. **Preparation characterization and stability evaluation of vancomycin in incorporated poly lactide co glycolide 75 25 microspheres for implantation in orthopaedic applications**  
Sayın B., ÇALIŞ S., ÖZALP M., EKİZOĞLU M., Hıncal A.  
10th Biomedical Science and Technology Symposium, 10 - 12 Ekim 2003
- XCVIII. **Effect of Ibuprofen Incorporated Biodegradable Alginate Beads on Gastric and Duodenal Mucosa (A Comparative Histological Study**  
Çalış S., Arıca Yegin B., Atilla P., Durlu T., Çakar N., Hıncal A. A.  
Controlled Release Society 30th Annual Meeting Proceedings, Glasgow, Birleşik Krallık, 19 - 23 Temmuz 2003
- XCIX. **The Effect of Cholesterol on the Encapsulation Efficiency and Drug Release from 5-FU Loaded Liposomes**  
Dodov M., Kumbaradzi E., Çalış S., Arıca Yegin B., Goracinova K., Mladenovska K., Hıncal A. A.  
11th International Pharmaceutical Technology Symposium (IPTS-2002), İstanbul, Türkiye, 9 - 11 Eylül 2002, ss.134-135
- C. **Teicoplanin a glycopeptide antibiotic loaded biodegradable microparticulate system formulations considerations and in vitro evaluation**  
Yenice İ., ÇALIŞ S., Kaş H., ÖZALP M., EKİZOĞLU M., Hıncal A.  
evaluation in minutes. New Trend in Polymers for Oral and Parenteral Administration, 17 - 19 Eylül 2001
- CI. **Biodegradable Implantable Teicoplanin Beads For The Treatment of Bone Infections**  
Yenice İ., ÇALIŞ S., Kaş H., ÖZALP M., EKİZOĞLU M.  
13th International Symposium on Microencapsulation, 5 - 07 Eylül 2001
- CII. **An Anti-inflammatory Drug (Ibuprofen) Incorporated in Biodegradable Alginate Beads**  
Çalış S., Arıca Yegin B., Kaş H., Hıncal A. A.  
61st International Congress of FIP, Singapore, Singapur, 1 - 06 Eylül 2001, ss.81

- CIII. 5-FU Encapsulated Alginate Beads for the Treatment of Breast Cancer**  
Arıca Yegin B., Çalıř S., Kař H., Sargon M., Hıncal A. A.  
13th International Symposium on Microencapsulation, Angers, Fransa, 5 - 07 Eylül 2001
- CIV. Chitosan Microspheres of Ibuprofen: Evaluation and In vitro Characterization**  
Arıca Yegin B., Çalıř S., Kař H., Hıncal A. A.  
4th Conference of the European Chitin Society (EUCHIS-2001), Ancona, İtalya, 6 - 10 Mayıs 2001, ss.93
- CV. Evaluation of 5-Fluorouracil / Alginate Microspheres in Chitosan Gel for Local Therapy in Breast Cancer**  
Çalıř S., Arıca Yegin B., Kař H., Hıncal A. A.  
4th Conference of the European Chitin Society (EUCHIS-2001), Ancona, İtalya, 6 - 10 Mayıs 2001, ss.92
- CVI. Formulation and In vitro Characterization of Chitosan Treated 5-FU Liposomes for Local Application in Breast Cancer**  
Vural İ., Çalıř S., Arıca Yegin B., Kař H., Fredro-Kumbaradzi E., Hıncal A.  
6th European Congress of Pharmaceutical Sciences – EUFEPS, Budapest, Macaristan, 16 - 19 Eylül 2000
- CVII. 5-FU Loaded PLGA Microspheres Blended with Chitosan Gel for Local Application in Breast Cancer: Formulation and In vitro Release Profiles**  
Arıca Yegin B., Çalıř S., Vural İ., Kař H., Fredro-Kumbaradzi E., Hıncal A.  
6th European Congress of Pharmaceutical Sciences – EUFEPS, Budapest, Macaristan, 16 - 19 Eylül 2000

## Desteklenen Projeler

- Pehlivan S., Çalıř S., Palaska E., Vural İ., Çakmak H. B., Ekizođlu M., TÜBİTAK Projesi, Keratokonus Tedavisinde Riboflavinin Giriřimsel Olmayan Teknik ile Korneaya Tařınması İin Oküler İla Tařıyıcı Platformların Tasarlanması ve In Vitro - In Vivo Deđerlendirilmesi, 2016 - 2019
- ALIŐ S., SARIGÖL E., EKİZOĐLU M., SAĐIROĐLU M., PEHLİVAN S., ATİLLA B., Yükseköđretim Kurumları Destekli Proje, Kontrollü Salım Sađlayan Vankomisin Mikroküreleri İle Serratiopeptidaz İeren Jel Sistemleri, 2015 - 2018
- ALIŐ S., BİLENSOY E., İSKİT A. B., ÇELEN N., Yükseköđretim Kurumları Destekli Proje, Sefiksimin Düşük Çözünürlük ve Permeabilitesinin Siklodekstrin Türevi Kullanılarak Artırılması Üzerine İn Vivo Çalıřmalar, 2015 - 2017
- ALIŐ S., ÖZTÜRK K., Yükseköđretim Kurumları Destekli Proje, AntiVEGFR1 Monoklonal Antikor ile Konjuge Edilmiş Gemsitabin Yüklü Dendrimerlerin Pankreas Kanserine Aktif Hedeflendirilmesi ve İn Vitro İn Vivo Olarak Deđerlendirilmesi, 2015 - 2016
- ALIŐ S., Yükseköđretim Kurumları Destekli Proje, Eczacılık Alanındaki Yeniliklerin Takibi ve Uluslararası Bađlantıları Geliřtirmesi, 2015 - 2016
- ALIŐ S., TÜBİTAK Projesi, Sefiksimin düşük çözünürlük ve permeabilitesinin siklodekstrin türevleri kullanılarak artırılması üzerine in vitro ve ex vivo çalıřmalar, 2014 - 2015
- alıř S., Esendađlı G., Tülü M., TÜBİTAK Projesi, Anti VEGFR 1 Monoklonal Antikor ile Konjuge Edilmiş Gemsitabin Yüklü Dendrimerlerin Pankreas Kanserine Aktif Hedeflendirilmesi ve in vitro in vivo Olarak Deđerlendirilmesi, 2012 - 2015
- Kaynarođlu Z. V., Çalıř S., Bilensoy E., Çakmak A., Çırpanlı Y., Sarıbař Z., Hařcelik A. G., Yorgancı H. K., Yükseköđretim Kurumları Destekli Proje, Fıtık Greft Enfeksiyon Modelinde Triklosan Kaplı Greftin Etkisi, 2007 - 2007
- alıř S., Arıca Yegin B., Sarısözen C., Yükseköđretim Kurumları Destekli Proje, Steroid Hormon Yapısında İlaların Sentetik Biyoparalanır Polimerlerle Hazırlanan Mikroküre Formülasyonlarının Optimizasyonu In Vitro Deđerlendirmeleri Üzerinde Çalıřmalar, 2004 - 2006
- alıř S., Ünlü N., Çırpanlı Y., Aksungur P., Yükseköđretim Kurumları Destekli Proje, İla Tařıyıcı Sistemlerin Formülasyon Arařtırmalarında Stabilitte Deđerlendirmeleri Retinoik Asit İeren Mikrokürelere Formülasyonu ve Stabilitte Çalıřmaları, 2005 - 2005
- alıř S., Sayın B., řamdancıođlu S., Laleci F., Yükseköđretim Kurumları Destekli Proje, Kontrollü Salım Sađlayan Biyoparalanabilir Mikropartiküler İla Tařıyıcı Sistemler, 2002 - 2004
- alıř S., Atilla B., Hıncal A., Sađırođlu M., Sayın B., Marangoz S., Yükseköđretim Kurumları Destekli Proje, Antibiyotik Yüklü Allogreftler ve Biyolojik Mikropartiküllerin Enfekte Kemik Defektlerine İmplantasyonu ve Etkinliklerinin Deđerlendirilmesi, 2002 - 2004



Çalış S., Kaş S., Hıncal A., Ercan M., Pehlivan S., Yükseköğretim Kurumları Destekli Proje, Kontrollü Salan Naproksen Mikrokürelerin Formülasyonu In Vitro In Vivo Değerlendirilmesi, 1998 - 1998  
Şumnu M., Çalış S., Pehlivan S., TÜBİTAK Projesi, Katı Dozaj Şekillerinin Stabilesinin Hızlandırılmış Koşullarda İncelenmesi, 1995 - 1996

## **Metrikler**

Yayın: 196

Atıf (WoS): 1505

Atıf (Scopus): 1757

H-İndeks (WoS): 22

H-İndeks (Scopus): 26

## **Akademi Dışı Deneyim**

HACETTEPE ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ