

Prof. SEMA ÇALIŞ

Personal Information

Office Phone: [+90 312 305 3011](tel:+903123053011)

Office Phone: [+90 312 305 1241](tel:+903123051241)

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

Email: scalis@hacettepe.edu.tr

Education Information

Doctorate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Turkey 1985 - 1989

Post Graduate, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Turkey 1981 - 1984

Under Graduate, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık, Turkey 1976 - 1981

Foreign Languages

English, C1 Advanced

Research Areas

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

Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2002 - Continues

Associate Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1995 - 2002

Assistant Professor, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 1992 - 1995

Academic and Administrative Experience

Head of Department, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - Continues

Fakülte Kurulu Üyesi, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Continues

Director of the Center, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2018 - Continues

Head of Ethics Committee, Hacettepe University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2013 - Continues

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2012 - Continues

Advising Theses

Çalış S., BAKTERİYEL KERATİT TEDAVİSİNE YÖNELİK BESİFLOKSASİN YÜKLÜ OKÜLER İNSERTLERİN ELEKTRO-EĞİRME YÖNTEMİ İLE GELİŞTİRİLMESİ VE DEĞERLENDİRİLMESİ, Doctorate, H.KEREM(Student), 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, Doctorate, F.BETÜL(Student), 2018

ÇALIŞ S., Sefiksimin düşük çözünürlük ve permeabilitesinin siklodekstrin kompleksleri kullanılarak artırılması üzerine

çalışmalar, Post Graduate, N.ÇELEN(Student), 2015

ÇALIŞ S., Anti-VEGFR-1 monoklonal antikor ile konjuge edilmiş gemsitabin yüklü dendrimerlerin pankreas kanserine aktif hedeflendirilmesi ve in vitro/in vivo olarak değerlendirilmesi, Doctorate, K.ÖZTÜRK(Student), 2015

ÇALIŞ S., Tıbbi cihaz uygulamalarına bağlı olarak gelişen biyofilm bazı osteomyelit tedavisi için polimerik ilaç taşıyıcı sistemlerin formülasyonu ve değerlendirilmesi, Post Graduate, E.SARIGÖL(Student), 2013

ÇALIŞ S., Amfifilik blok kopolimerler kullanılarak nanopartikül formülasyonlarının geliştirilmesi ve in vitro değerlendirilmesi, Post Graduate, H.ÖCAL(Student), 2010

ÇALIŞ S., BİLENSOY E., Kamptotesin içeren polimerik ve oligosakkarit bazı nanopartiküler formülasyonların geliştirilmesi ve in vitro-in vivo değerlendirilmesi, Doctorate, Y.ÇIRPANLI(Student), 2009

ÇALIŞ S., Anjioplastide kullanılmak üzere biyoparçalanır stent formülasyonlarının geliştirilmesi ve in vitro değerlendirilmelerine ilişkin çalışmalar, Post Graduate, C.SARISÖZEN(Student), 2006

ÇALIŞ S., ATİLLA B., Antibiyotik yüklü allogreftler ve biyopolimerik mikropartiküllerin enfekte kemik defektlerine implantasyonu ve etkinliklerinin değerlendirilmesi, Post Graduate, B.SAYIN(Student), 2003

ÇALIŞ S., Ortopedide kullanılan biyoparçalanır polimerler ile hazırlanan teikoplanin içeren mikropartiküler sistemli implantların formülasyonu ve in vitro/ in vivo değerlendirilmesi üzerine çalışmalar, Post Graduate, İ.YENİCE(Student), 2001

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

- I. **Antibody-mediated drug delivery**
ARSLAN F. N. , ÖZTÜRK ATAR K., ÇALIŞ S.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.596, 2021 (Journal Indexed in SCI)
- II. **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, vol.46, no.10, pp.1695-1704, 2020 (Journal Indexed in SCI)
- III. **Design of ocular drug delivery platforms and in vitro - in vivo evaluation of riboflavin to the cornea by non-interventional (epi-on) technique for keratoconus treatment**
AYTEKİN E., ÖZTÜRK N., Vurla İ., POLAT H. K. , Cakmak H. B. , ÇALIŞ S., Pehlivan S. B.
Journal of Controlled Release, vol.324, pp.238-249, 2020 (Journal Indexed in SCI Expanded)
- IV. **Development of besifloxacin HCl loaded nanofibrous ocular inserts for the treatment of bacterial keratitis: In vitro, ex vivo and in vivo evaluation**
POLAT H. K. , 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, vol.585, 2020 (Journal Indexed in SCI)
- V. **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, vol.578, 2020 (Journal Indexed in SCI)
- VI. **Current Advances in Nanopharmaceuticals**
Ozturk-Atar K., EROĞLU H., GÜRSOY R. N. , ÇALIŞ S.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.19, no.7, pp.3686-3705, 2019 (Journal Indexed in SCI)
- VII. **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, pp.133-154, 2019 (Journal Indexed in SCI)
- VIII. **Novel advances in targeted drug delivery**
Öztürk-Atar K., EROĞLU H., ÇALIŞ S.
Journal of Drug Targeting, vol.26, no.8, pp.633-642, 2018 (Journal Indexed in SCI)
- IX. **Characterization of bevacizumab by dynamic light scattering while maintaining its native structure**
Akbas S., Sahin A., ÇALIŞ S., Oncel H., ÇAPAN Y.

PHARMAZIE, vol.73, no.7, pp.369-374, 2018 (Journal Indexed in SCI)

- X. **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, vol.45, pp.213-219, 2018 (Journal Indexed in SCI)
- XI. **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. , Aydin C., Ozkazanc D., Gurbuz M. U. , ÜNER A., TÜLÜ M., ÇALIŞ S., ESENDAĞLI G.
MOLECULAR PHARMACEUTICS, vol.15, no.4, pp.1526-1533, 2018 (Journal Indexed in SCI)
- XII. **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, vol.23, pp.301-310, 2018 (Journal Indexed in SCI Expanded)
- XIII. **A thermosensitive gel loaded with an enzyme and an antibiotic drug for the treatment of periprosthetic joint infection**
Sarigol E., EKİZOĞLU M., Pehlivan S., BODUR E., SAĞIROĞLU M., ÇALIŞ S.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.43, pp.423-429, 2018 (Journal Indexed in SCI)
- XIV. **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, vol.72, no.10, pp.568-570, 2017 (Journal Indexed in SCI)
- XV. **Design and evaluation of gamma-sterilized vancomycin hydrochloride-loaded poly(ϵ -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, vol.22, no.6, pp.706-714, 2017 (Journal Indexed in SCI Expanded)
- XVI. **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, vol.517, pp.157-167, 2017 (Journal Indexed in SCI)
- XVII. **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, vol.22, no.5, pp.635-641, 2017 (Journal Indexed in SCI)
- XVIII. **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, vol.27, no.16, pp.1645-1658, 2016 (Journal Indexed in SCI)
- XIX. **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, vol.40, no.4, pp.560-567, 2014 (Journal Indexed in SCI)
- XX. **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, vol.40, no.3, pp.390-397, 2014 (Journal Indexed in SCI)
- XXI. **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, vol.31, no.2, pp.127-136, 2014 (Journal Indexed in SCI)
- XXII. **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., Petrusevska M., Zdravkovski P., Goracinova K.

JOURNAL OF LABELLED COMPOUNDS & RADIOPHARMACEUTICALS, vol.56, no.14, pp.689-695, 2013 (Journal Indexed in SCI)

- XXIII. **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., Petrusevski G., Kajdzanoska M., Ugarkovic S., Goracinova K.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.49, no.1, pp.65-80, 2013 (Journal Indexed in SCI)
- XXIV. **A Novel Protein-Based Anticancer Drug Encapsulating Nanosphere: Apoferritin-Doxorubicin Complex**
KILIÇ M. A. , Ozlu E., ÇALIŞ S.
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.8, no.3, pp.508-514, 2012 (Journal Indexed in SCI)
- XXV. **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, vol.69, pp.309-313, 2011 (Journal Indexed in SCI)
- XXVI. **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, vol.403, pp.201-206, 2011 (Journal Indexed in SCI)
- XXVII. **Comparative evaluation of in vitro parameters of tamoxifen citrate loaded poly(lactide-co-glycolide), poly(ϵ -caprolactone) and chitosan nanoparticles**
Çirpanlı Y., Yerlikaya F., Ozturk K., Erdogar N., Launay M., Gegu C., Leturgez T., BİLENSOY E., ÇALIŞ S., ÇAPAN Y.
Pharmazie, vol.65, no.12, pp.867-870, 2010 (Journal Indexed in SCI Expanded)
- XXVIII. **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, vol.17, no.3, pp.178-186, 2010 (Journal Indexed in SCI)
- XXIX. **Antibacterial activity of triclosan chitosan coated graft on hernia graft infection model**
Çakmak A., Çirpanlı Y., Bilensoy E., Yorganci K., Çaliş S., Saribaş Z., Kaynaroğlu V.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.381, no.2, pp.214-219, 2009 (Journal Indexed in SCI)
- XXX. **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, vol.381, no.2, pp.166-175, 2009 (Journal Indexed in SCI)
- XXXI. **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, vol.38, no.1, pp.183-184, 2009 (Journal Indexed in SCI)
- XXXII. **STUDIES ON THE IMPROVEMENT OF ENCAPSULATION EFFICIENCY OF A HYDROPHILIC DRUG**
Yag G., Yegin B., ÇALIŞ S.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.87-88, 2009 (Journal Indexed in SCI)
- XXXIII. **Comparative evaluation of polymeric and amphiphilic cyclodextrin nanoparticles for effective camptothecin delivery**
Çirpanlı Y., Bilensoy E., Lale Doğan A., Çaliş S.
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.73, no.1, pp.82-89, 2009 (Journal Indexed in SCI)
- XXXIV. **Development of biodegradable drug releasing polymeric cardiovascular stents and in vitro evaluation**
Sarisozen C., Arica B., Hincal A. A. , ÇALIŞ S.
JOURNAL OF MICROENCAPSULATION, vol.26, no.6, pp.501-512, 2009 (Journal Indexed in SCI)

- XXXV. **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, vol.57, pp.363-370, 2007 (Journal Indexed in SCI)
- XXXVI. **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, vol.23, no.5, pp.553-566, 2006 (Journal Indexed in SCI)
- XXXVII. **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, vol.32, no.4, pp.473-481, 2006 (Journal Indexed in SCI)
- XXXVIII. **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, vol.22, no.8, pp.877-889, 2005 (Journal Indexed in SCI)
- XXXIX. **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, vol.291, pp.79-86, 2005 (Journal Indexed in SCI)
- XL. **In vitro and in vivo studies of ibuprofen-loaded biodegradable alginate beads**
ARICA YEGİN B., ÇALIŞ S., ATILLA P., KANDİLCİ N. T. , ÇAKAR A. N. , Kaş H. S. , Hincal A. A.
JOURNAL OF MICROENCAPSULATION, vol.22, no.2, pp.153-165, 2005 (Journal Indexed in SCI)
- XLI. **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, vol.53, no.4, pp.241-250, 2003 (Journal Indexed in SCI Expanded)
- XLII. **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, vol.20, no.6, pp.705-717, 2003 (Journal Indexed in SCI)
- XLIII. **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, vol.242, pp.271-275, 2002 (Journal Indexed in SCI)
- XLIV. **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, vol.242, pp.267-269, 2002 (Journal Indexed in SCI)
- XLV. **Influence of irradiation sterilization on poly(lactide-co-glycolide) microspheres containing anti-inflammatory drugs**
Calis S., Bozdag S., Kas H., Tuncay M., Hincal A.
FARMACO, vol.57, no.1, pp.55-62, 2002 (Journal Indexed in SCI)
- XLVI. **In vitro evaluation and intra-articular administration of biodegradable microspheres containing naproxen sodium**
Bozdag S., Calis S., Kas H., Ercan M., Peksoy I., Hincal A.
Journal of Microencapsulation, vol.18, no.4, pp.443-456, 2001 (Journal Indexed in SCI Expanded)
- XLVII. **Approaches to education of pharmaceutical biotechnology in faculties of pharmacy**
ÇALIŞ S., Öner F., Kas S., Atilla Hincal A.
Current Pharmaceutical Biotechnology, vol.2, no.2, pp.143-155, 2001 (Journal Indexed in SCI Expanded)
- XLVIII. **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, vol.25, no.6, pp.435-443, 2000 (Journal Indexed in SCI)
- XLIX. **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, vol.17, no.2, pp.145-155, 2000 (Journal Indexed in SCI)
- L. **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, vol.195, pp.179-188, 2000 (Journal Indexed in SCI)
- LI. **Formulation and stability evaluation of enteric-coated omeprazole formulations**
Bozdog S., Calis S., Sumnu M.
S.T.P. Pharma Sciences, vol.9, no.4, pp.321-327, 1999 (Journal Indexed in SCI Expanded)
- LII. **ADSORPTION OF SALMON-CALCITONIN TO PLGA MICROSPHERES**
CALIS S., JEYANTHI R., TSAI T., MEHTA R., DELUCA P.
PHARMACEUTICAL RESEARCH, vol.12, no.7, pp.1072-1076, 1995 (Journal Indexed in SCI)
- LIII. **EFFECT OF SUPPOSITORY BASES ON THE RELEASE PROPERTIES OF A POTENT ANTIMICROBIAL AGENT (C31-G)**
CALIS S., SUMNU M., HINCAL A.
PHARMAZIE, vol.49, no.5, pp.336-339, 1994 (Journal Indexed in SCI)
- LIV. **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, vol.29, no.3, pp.375-384, 1994 (Journal Indexed in SCI)
- LV. **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, vol.2, no.1, pp.45-48, 1992 (Journal Indexed in SCI Expanded)
- LVI. **FORMULATION AND INVITRO - INVIVO EVALUATIONS ON SUSTAINED-RELEASE ACETYLSALICYLIC-ACID TABLETS**
CAPAN Y., ŞENEL S., CALIS S., TAKKA S., HINCAL A.
PHARMAZEUTISCHE INDUSTRIE, vol.51, no.4, pp.443-448, 1989 (Journal Indexed in SCI)
- LVII. **INVITRO ADSORPTION OF PROPRANOLOL HYDROCHLORIDE BY VARIOUS ANTACIDS**
CALIS S., SUMNU M., HINCAL A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.12, pp.1833-1845, 1986 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Bakteriyel Keratit Tedavisinde Yeni İlaç Taşıyıcı Sistemlerin Uygulanması**
POLAT H. K. , PEHLİVAN S., ÇALIŞ S.
Türkiye Klinikleri Journal of Ophthalmology, vol.27, no.4, pp.289-301, 2018 (Other Refereed National Journals)
- II. **Tumor Targeting Strategies**
ÇALIŞ S., ÖZTÜRK K.
Journal of Drug Research and Development, 2017 (Refereed Journals of Other Institutions)
- III. **Dünya Farmakopeleri**
KARACAOĞLU M., SALTAN H. G. , ÇALIŞ S.
Türk Farmakope Dergisi, vol.2, no.1, pp.25-30, 2017 (Other Refereed National Journals)
- IV. **Siklodekstrinler ve Biyomedikal Alandaki Uygulamaları**
ÇELEN N., BİLENSOY E., ÇALIŞ S.
Hacettepe University Journal of the Faculty Pharmacy, 2016 (Other Refereed National Journals)
- V. **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, vol.36, no.1, pp.50-69, 2016 (Refereed Journals of Other

Institutions)

- VI. **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, vol.148, no.1, 2010 (Refereed Journals of Other Institutions)
- VII. **Etodolac loaded poly (lactide-co-glycolide) nanoparticles: Formulation and in vitro characterization**
Etodolak yüklü poli (Laktid-ko-glikolid) nanopartikülleri: Formülasyon ve in vitro karakter
Çirpanli Y., Robineau C., ÇAPAN Y., ÇALIŞ S.
Hacettepe University Journal of the Faculty of Pharmacy, vol.29, no.2, pp.105-114, 2009 (Refereed Journals of Other Institutions)
- VIII. **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, vol.29, no.3, pp.111-116, 2004 (Refereed Journals of Other Institutions)
- IX. **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, vol.54, pp.427-428, 2003 (Refereed Journals of Other Institutions)
- X. **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, vol.28, no.4, pp.183-192, 2003 (Refereed Journals of Other Institutions)
- XI. **Bioavailability file: Teicoplanin Biyoyararlanım dosyası: Teikoplanin**
Yenice I., ÇALIŞ S.
Fabad Journal of Pharmaceutical Sciences, vol.26, no.3, pp.143-155, 2001 (Refereed Journals of Other Institutions)
- XII. **Biodegradable synthetic and natural polymers used in drug delivery systems Ilac taşıyıcı sistemlerde kullanılan biyoparçalanabilir sentetik ve doğal polimerler**
Tuncay M., ÇALIŞ S.
Fabad Journal of Pharmaceutical Sciences, vol.24, no.2, pp.109-123, 1999 (Refereed Journals of Other Institutions)
- XIII. **Formulation and in vitro evaluation of enteric coated omeprazole tablets**
Bozdağ S., ÇALIŞ S., Şumnu M.
Farmaceutski Vestnik, vol.48, pp.336-337, 1997 (Refereed Journals of Other Institutions)
- XIV. **A non-antibiotic antimicrobial mixture (C31G): Evaluation of the antimicrobial efficiency of C31G on vaginal cultures**
ÇALIŞ S., Yulug N., Şumnu M., Ayhan A., Hincal A.
Bollettino Chimico Farmaceutico, vol.131, no.9, pp.335-338, 1992 (Refereed Journals of Other Institutions)
- XV. **Evaluation of the interfacial properties of a new potent antimicrobial surfactant C 31G**
ÜNLÜ N. A. , ÇALIŞ S., Şumnu M., Hincal A.
Bollettino Chimico Farmaceutico, vol.130, no.6, pp.234-238, 1991 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Nanopharmaceuticals as Drug Delivery Systems: for, against and current applications**
Çalış S., Öztürk Atar K., Arslan F. B. , Eroğlu H., Çapan Y.
in: Nano-carriers for Drug Delivery, Mohapatra S.S., Ranjan S., Dasgupta N., Kumar Mishra R., Thomas S, Editor, Elsevier Science, Oxford/Amsterdam , Massachusetts, pp.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.
in: Türk Farmakopesi 2017-II, Dr. ALİ ALKAN, ERAY KAPLAN, OĞUZHAN KOYUNCU, SELİN ERGÜN AYAN, Editor, SAĞLIK BAKANLIĞI, Ankara, pp.969-1014, 2018

- III. **Nanoaygıtlar**
Çalış S.
in: Nanofarmasötikler ve Uygulamaları, Ayla Zırh Gürsoy, Editor, Aktif Yayınevi, İstanbul, pp.179-191, 2014
- IV. **Dendrimerler**
Çalış S., Pehlivan S.
in: Nanofarmasötikler ve Uygulamaları, Ayla Zırh Gürsoy, Editor, Aktif Yayınevi, İstanbul, pp.41-49, 2014
- V. **5-Fluorouracil-Loaded Alginate Microspheres in Chitosan Gel for Local Therapy of Breast Cancer**
Çalış S., Arıca Yegin B., Kaş H. S. , Hıncal A. A.
in: Chitosan in Pharmacy and Chemistry, R.A.A Muzzarelli,C.Muzzarelli, Editor, Atec, Bari, pp.65-69, 2002
- VI. **Chitosan Microspheres of Ibuprofen: Evaluation and In Vitro Characterization**
Arıca Yegin B., Çalış S., Kaş H. S. , Hıncal A. A.
in: Chitosan in Pharmacy and Chemistry, R.A.A. Muzzarelli,C. Muzzarelli, Editor, Atec, Bari, pp.71-76, 2002
- VII. **Chitosan Treated 5-FU Liposomes: Preparation and In vitro Evaluation**
Arıca Yegin B., Çalış S., Kaş H., Hıncal A.
in: MINUTES, New Trends in Polymers for Oral and Parenteral Administration from Design to Receptors, G.Baratt,D.Duchenne,E.Fattal,J.Y.Legendre, Editor, Editions de Santé, Paris, pp.225-228, 2001

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 14 - 16 October 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 October 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, Turkey, 14 - 16 October 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, Turkey, 14 - 16 October 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 October 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 July 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, Turkey, 26 - 29 June 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, Turkey, 26 - 29 June 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, Greece, 24 - 26 May 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 April 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, Turkey, 11 - 13 October 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 October 2017
- XIII. **Effective targeting of gemcitabine to pancreatic cancer through PEG-cored Flt-1 antibody-conjugated dendrimers**
ÖZTÜRK K., ESENDAĞLI G., Gürbüz M. U. , TÜLÜ M., ÇALIŞ S.
Advanced School in Nanomedicine, 25 - 28 September 2017
- XIV. **Tıbbi Cihazlar/İlaç-Cihaz Kombinasyon Ürünlerine Genel Bakış**
ÇALIŞ S.
Anadolu Üniversitesi Eczacılık Sempozyumu, Turkey, 01 June 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 May 2017
- XVI. **İlaç-Tıbbi Cihaz Kombinasyonları**
ÇALIŞ S.
Erzincan Üniversitesi Eczacılık Fakültesi Kariyer Günleri, Turkey, 21 March 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 September 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 September 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 September 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 September 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 April 2016
- XXII. **Development of thermasensitive 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 November 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 November 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 October 2015
- XXV. **Sterilization by Gamma Radiation of Poly Epsilon Caprolactone Microspheres Containing Vancomycin Hydrochloride**
Sarigöl E., PEHLİVAN S., EKİZOĞLU M., SAĞIROĞLU M., ÇALIŞ S.
2015 AAPS Annual Meeting, 25 - 29 October 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 October - 29 June 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 October 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, United States Of America, 2 - 06 November 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, United States Of America, 2 - 06 November 2014
- XXX. **A new approach on vancomycin activity potentiation using medical device related osteomyelitis therapy**
EKİZOĞLU M., Sarigöl E., PEHLİVAN S., ÖZALP M., BODUR E., ÇAĞLAR Ö., ATILLA B., ÇALIŞ S.
Biofilm-based healthcare-associated infections: from microbiology to clinics, 9 - 11 October 2014
- XXXI. **Introduction and Overview of Drug/Device Combination Products**
Çalış S.
17th International Pharmaceutical Technology Symposium, Antalya, Turkey, 8 - 10 September 2014
- XXXII. **Enhanced Solubility of Cefixime, a Poorly Soluble Drug, with Using Hydroxypropyl β -Cyclodextrin**
Çalış S., Bilensoy E., Öztürk Atar K., Çelen N.
3rd European Conference on Cyclodextrins, Antalya, Turkey, 2 - 04 September 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, United States Of America, 14 - 18 October 2012
- XXXIV. **5-FU Loaded PLA/PLGA PEG-PPG-PEG Polymeric Nanoparticles: Characterization and Cell Culture Studies**
Çalış S., Öcal H., Arıca Yegin B., Vural İ., Goracinova K.
9th Central European Symposium on Pharmaceutical Technology, Dubrovnik, Croatia, 20 - 22 September 2012
- XXXV. **Vancomycin HCl Loaded Poly(ϵ -Caprolactone) Microspheres: Preparation and In Vitro Characterization**
Çalış S., Pehlivan S., Sarigöl E.
16th International Pharmaceutical Technology Symposium, Antalya, Turkey, 10 - 12 September 2012
- XXXVI. **Overview of Drug/Device Combinations and Use in Local Therapies**
Çalış S.
16th International Pharmaceutical Technology Symposium, Antalya, Turkey, 10 - 12 September 2012
- XXXVII. **Tıbbi Cihazlar: Ürün Geliştirme, Regülasyonlar ve Klinik Uygulamalar**
Çalış S.
TÜFTAD Toplantısı, Ankara, Turkey, 04 July 2012
- XXXVIII. **5-Fluorouracil Loaded PLG/PLGA PEG-PPG-PEG Polymeric Nanoparticles: Formulation and In Vitro Characterization**
Çalış S., Öcal H., Arıca Yegin B., Goracinova K.

8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, İstanbul, Turkey, 19 - 22 March 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, United States Of America, 23 - 27 October 2011
- XL. **IN VITRO EVALUATION OF VANCOMYCIN MICROSPHERES IN SERRATIOPEPTIDASE LOADED THERMOSENSITIVE GEL FOR THE TREATMENT OF BACTERIAL BIOFILM**
Çirpanlı 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, Slovenia, 29 September - 01 October 2011, vol.44, pp.155-156
- XLI. **99mTc 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, Macedonia, 21 - 25 September 2011, pp.216-217
- XLII. **Medical Device/Drug Combination Products: A Perfect Mix for Biotherapeutics**
Çalış S.
5th Congress of Pharmacy of Macedonia, Ohrid, Macedonia, 21 - 25 September 2011, pp.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, Macedonia, 21 - 25 September 2011, pp.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, Macedonia, 21 - 25 September 2011, pp.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, Czech Republic, 13 - 17 June 2011
- XLVI. **Amphiphilic Carriers for Targeted Anticancer Drug Delivery**
Çirpanlı Y., Arıca Yegin B., Goracinova K., Çalış S.
AAPS Meetings & Education: 2010 PSWC Annual Meeting, Louisiana, United States Of America, 14 - 18 November 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, Macedonia, 23 - 26 September 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, Turkey, 13 - 15 September 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, Croatia, 27 - 30 May 2010
- L. **Development of Polymeric and Cyclodextrin Nanoparticles for Camptothecin Delivery**
Çirpanlı Y., Bilensoy E., Doğan A. L. , Çalış S.
11th European Symposium on Controlled Drug Delivery , Amsterdam, Netherlands, 7 - 09 April 2010, pp.273-276
- LI. **Comparative Evaluation of In Vitro Parameters of Tamoxifen Citrate Loaded Chitosan, Poly(ε-Caprolactone) and Poly(Lactide-co-Glycolide) Nanoparticles**
Launay M., Gegu C., Leturgez T., Çirpanlı 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 March 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, Turkey, 26 - 28 October 2009, pp.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, Turkey, 26 - 28 October 2009, pp.183-184
- LIV. **Medical Devices and Pharmaceuticals: Differences and Regulatory Approach**
Çalış S.
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Turkey, 26 - 28 October 2009, pp.12-13
- LIV. **Studies on the Improvement of Encapsulation Efficiency of a Hydrophilic Drug**
Yağ G., Arica Yegin B., Çalış S.
3rd BBBB International Conference on Pharmaceutical Sciences, Antalya, Turkey, 26 - 28 October 2009, pp.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, Denmark, 11 - 13 October 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, France, 8 - 12 June 2009
- LVIII. **Formulation and In Vitro Characterization of Tolmetin Sodium Loaded Eudragit® Microspheres**
Yağ G., Arica Yegin B., Çalış S.
2nd PharmSciFair 2009-Premier European Platform for Advancing Pharmaceutical Sciences, Nice, France, 8 - 12 June 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, Turkey, 4 - 07 May 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, Turkey, 4 - 07 May 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, Turkey, 4 - 07 May 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 Bidelivery Systems, Ljubljana, Slovenia, 18 - 20 September 2008
- LXIII. **WFA Functionalized Chitosan-Ca-Alginate Microparticles Loaded with 5-FU for Local Treatment for Colon Cancer**
Glavas Dodov M., Hincal A., Çalış S., Steffansen B., Simonoska Crcarevska M., Goracinova K.
7th Central European Symposium on Pharmaceutical Technology and Bidelivery Systems, Ljubljana, Slovenia, 18 - 20 September 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, Belgium, 9 - 12 September 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, United States Of America, 12 - 16 July 2008, pp.139-140

- LXVI. **Antibacterial Effects of Triclosan Coated Polypropylene Grafts on Graft Infection Model in Rats**
Çakmak A., Sarıbaş Z., Çırpanlı Y., Çalış S., Haşçelik A. G. , Yorgancı H. K. , Kaynaroğlu Z. V.
21st European Congress Surgical Infection Society–Europe, Antalya, Turkey, 1 - 03 May 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, Spain, 7 - 10 April 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, Spain, 7 - 10 April 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, Spain, 7 - 10 April 2008
- LXX. **Implantable Biodegradable Microparticles for Orthopaedical Applications**
Çalış S.
Fourth Congress of Pharmacy of Macedonia with International Participation, Ohrid, Macedonia, 26 - 30 September 2007, pp.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, Macedonia, 26 - 30 September 2007, pp.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, Macedonia, 26 - 30 September 2007, pp.50
- LXXIII. **Stabilization of Camptothecin in PLGA Nanoparticles**
Çırpanlı Y., Bilensoy E., Çalış S., Hıncal A.
The 2nd BBBB Conference on Pharmaceutical Sciences, Tallinn, Estonia, 13 - 15 September 2007
- LXXIV. **Physicochemical Characterization of Biodegradable Cardiovascular Stents**
Sarısözen C., Arıca Yegin B., Çalış S., Hıncal A. A.
International Symposium on Drug Research and Development , Antalya, Turkey, 17 - 20 May 2007
- LXXV. **In Vitro Evaluation of Polymer Coated Prednisolone Acetate Eluting Cardiovascular Stents**
Sarısözen C., Arıca Yegin B., Çalış S., Hıncal A. A.
3rd Pharmaceutical Sciences World Congress, Amsterdam, Netherlands, 22 - 25 April 2007
- LXXVI. **Development of Camptothecin Loaded Nanoparticles from Amphiphilic β -Cyclodextrin Derivatives**
Çırpanlı Y., Bilensoy E., Çalış S., Şen M., Hıncal A.
Pharmaceutical Sciences World Congress, Amsterdam, Netherlands, 22 - 25 April 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, Germany, 11 - 12 January 2007
- LXXVIII. **Development of Biodegradable Polymeric Cardiovascular Stents and In Vitro Evaluation**
Sarısözen C., Arıca Yegin B., Çalış S., Hıncal A.
2006 AAPS Annual Meeting and Exposition, Texas, United States Of America, 29 October - 02 November 2006

- LXXXIX. **Prednisolone Acetate-Eluting Novel Biodegradable Vascular Stents For Implantation**
Sarisözen C., Arıca Yegin B., Çalış S., Hıncal A.
GPEN 2006, Kansas, United States Of America, 25 - 27 May 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, Turkey, 10 - 13 September 2006, pp.61
- LXXXI. **Camptothecin Inclusion Complexes with Natural and Modified β -Cyclodextrins**
Çırpanlı Y., Bilensoy E., Çalış S., Şen M., Hıncal A.
33rd Annual Meeting&Exposition of the Controlled Release Society, Vienna, Austria, 22 - 26 July 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, Italy, 14 - 17 May 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, Geneva, Switzerland, 27 - 30 March 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, Italy, 18 - 21 September 2005, pp.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, Italy, 18 - 21 September 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, Italy, 18 - 21 September 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, Italy, 18 - 21 September 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, Turkey, 2 - 09 September 2005
- LXXXIX. **Alendronate Sodium Incorporated Alginate Beads for Implantation in Orthopaedics**
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.
PharmSciFair, Nice, France, 12 - 17 June 2005
- XC. **Alendronate Sodium Incorporated Alginate Beads for Implantation in Orthopaedics**
Şamdancıoğlu S., Çalış S., Şumnu M., Hıncal A.
PharmSciFair, Nice, France, 12 - 17 June 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, Hungary, 25 - 27 May 2005, pp.146
- XCII. **Preparation and in vitro evaluation of tolmetin sodium loaded oral Eudragit (R) microspheres**
Laleci F., Calis S., Hıncal A.
6th Central European Symposium on Pharmacuetical Technology and Biotechnology, Slofok, Hungary, 25 - 27 May 2005, vol.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, Belgium, 17 - 20 October 2004, pp.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, Belgium, 17 - 20 October 2004, pp.53
- XCIV. **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, Belgium, 17 - 20 October 2004, vol.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, Spain, 10 - 12 May 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 October 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, Scotland, 19 - 23 July 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, Turkey, 9 - 11 September 2002, pp.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 September 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 September 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, Singapore, 1 - 06 September 2001, pp.81
- CIII. **5-FU Encapsulated Alginate Beads for the Treatment of Breast Cancer**
Arıca Yegin B., Çalış S., Kaş H., Sargon M., Hıncal A. A.
13th International Symposium on Microencapsulation, Angers, France, 5 - 07 September 2001
- CIV. **Chitosan Microspheres of Ibuprofen: Evaluation and In vitro Characterization**
Arıca Yegin B., Çalış S., Kaş H., Hıncal A. A.
4th Conference of the European Chitin Society (EUCHIS-2001), Ancona, Italy, 6 - 10 May 2001, pp.93
- CV. **Evaluation of 5-Fluorouracil / Alginate Microspheres in Chitosan Gel for Local Therapy in Breast Cancer**
Çalış S., Arıca Yegin B., Kaş H., Hıncal A. A.
4th Conference of the European Chitin Society (EUCHIS-2001), Ancona, Italy, 6 - 10 May 2001, pp.92
- CVI. **Formulation and In vitro Characterization of Chitosan Treated 5-FU Liposomes for Local Application in Breast Cancer**
Vural İ., Çalış S., Arıca Yegin B., Kaş H., Fredro-Kumbaradzi E., Hıncal A.
6th European Congress of Pharmaceutical Sciences – EUFEPS, Budapest, Hungary, 16 - 19 September 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., Çalış S., Vural İ., Kaş H., Fredro-Kumbaradzi E., Hıncal A.

6th European Congress of Pharmaceutical Sciences – EUFEPS, Budapest, Hungary, 16 - 19 September 2000

Supported Projects

Pehlivan S., Çalış S., Palaska E., Vural İ., Çakmak H. B. , Ekizoğlu M., TUBITAK Project, Keratokonus Tedavisinde Riboflavinin Girişimsel Olmayan Teknik ile Korneaya Taşınması İçin Oküler İlaç Taşıyıcı Platformların Tasarlanması ve In Vitro - In Vivo Değerlendirilmesi, 2016 - 2019

ÇALIŞ S., SARIGÖL E., EKİZOĞLU M., SAĞIROĞLU M., PEHLİVAN S., ATILLA B., Project Supported by Higher Education Institutions, Kontrollü Salım Sağlayan Vankomisin Mikroküreleri İle Serratiopeptidaz İçeren Jel Sistemleri, 2015 - 2018

ÇALIŞ S., BİLENSOY E., İSKİT A. B. , ÇELEN N., Project Supported by Higher Education Institutions, Sefiksimin Düşük Çözünürlük ve Permeabilitesinin Siklodekstrin Türevi Kullanılarak Artırılması Üzerine İn Vivo Çalışmalar, 2015 - 2017

ÇALIŞ S., ÖZTÜRK K., Project Supported by Higher Education Institutions, AntiVEGFR1 Monoklonal Antikor ile Konjuge Edilmiş Gemsitabin Yüklü Dendrimerlerin Pankreas Kanseri Aktif Hedeflendirilmesi ve İn Vitro İn Vivo Olarak Değerlendirilmesi, 2015 - 2016

ÇALIŞ S., Project Supported by Higher Education Institutions, Eczacılık Alanındaki Yeniliklerin Takibi ve Uluslararası Bağlantıları Geliştirmesi, 2015 - 2016

ÇALIŞ S., TUBITAK Project, Sefiksimin düşük çözünürlük ve permeabilitesinin siklodekstrin türevleri kullanılarak artırılması üzerine in vitro ve ex vivo çalışmalar, 2014 - 2015

Çalış S., Esendağlı G., Tülü M., TUBITAK Project, Anti VEGFR 1 Monoklonal Antikor ile Konjuge Edilmiş Gemsitabin Yüklü Dendrimerlerin Pankreas Kanseri Aktif Hedeflendirilmesi ve in vitro in vivo Olarak Değerlendirilmesi, 2012 - 2015

Kaynaroğlu Z. V. , Çalış S., Bilensoy E., Çakmak A., Çırpanlı Y., Sarıbaş Z., Hasçelik A. G. , Yorgancı H. K. , Project Supported by Higher Education Institutions, Fıtık Greft Enfeksiyon Modelinde Triklosan Kaplı Greftin Etkisi, 2007 - 2007

Çalış S., Arıca Yegin B., Sarısözen C., Project Supported by Higher Education Institutions, Steroid Hormon Yapısında İlaçların Sentetik Biyoparçaları Polimerlerle Hazırlanan Mikroküre Formülasyonlarının Optimizasyonu In Vitro Değerlendirmeleri Üzerinde Çalışmalar, 2004 - 2006

Çalış S., Ünlü N., Çırpanlı Y., Aksungur P., Project Supported by Higher Education Institutions, İlaç Taşıyıcı Sistemlerin Formülasyon Araştırmalarında Stabilitate Değerlendirmeleri Retinoik Asit İçeren Mikrokürelerin Formülasyonu ve Stabilitate Çalışmaları, 2005 - 2005

Çalış S., Sayın B., Şamdancıoğlu S., Laleci F., Project Supported by Higher Education Institutions, Kontrollü Salım Sağlayan Biyoparçalanabilir Mikropartiküler İlaç Taşıyıcı Sistemler, 2002 - 2004

Çalış S., Atilla B., Hıncal A., Sağıroğlu M., Sayın B., Marangoz S., Project Supported by Higher Education Institutions, Antibiyotik Yüklü Allogreftler ve Biyolojik Mikropartiküllerin Enfekte Kemik Defektlerine İmplantasyonu ve Etkinliklerinin Değerlendirilmesi, 2002 - 2004

Çalış S., Kaş S., Hıncal A., Ercan M., Pehlivan S., Project Supported by Higher Education Institutions, Kontrollü Salın Naproksen Mikrokürelerin Formülasyonu In Vitro In Vivo Değerlendirilmesi, 1998 - 1998

Şumnu M., Çalış S., Pehlivan S., TUBITAK Project, Katı Dozaj Şekillerinin Stabilitatesinin Hızlandırılmış Koşullarda İncelenmesi, 1995 - 1996

Citations

Total Citations (WOS):1347

h-index (WOS):21