

Prof. YEŞİM AKTAŞ

Personal Information

Office Phone: [+90 352 438 0486](tel:+903524380486) Extension: 28380

Fax Phone: [+90 352 437 9169](tel:+903524379169)

Email: yaktas@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/yaktas/>

Address: Erciyes Üniversitesi Eczacılık Fakültesi 38039 KAYSERİ

International Researcher IDs

ScholarID: Px4Hij8AAAAJ

ORCID: 0000-0002-3427-6078

Publons / Web Of Science ResearcherID: ABB-3264-2020

ScopusID: 9336228200

Yoksis Researcher ID: 29204

Education Information

Doctorate, Université Paris XI, Faculté De Pharmacie, France 2000 - 2005

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Turkey 1998 - 2005

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, Turkey 1994 - 1998

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1990 - 1994

Foreign Languages

French, B1 Intermediate

English, C1 Advanced

Research Areas

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

Academic Titles / Tasks

Associate Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2015 - 2021

Academic and Administrative Experience

Erciyes Üniversitesi, Biyoyararlanım/Biyoesdeğerlik, 2016 - Continues

Erciyes Üniversitesi, Farmasötik Teknoloji, 2010 - Continues

Erciyes University, 2010 - Continues

Erciyes Üniversitesi, İlaç Uygulama Ve Araştırma Merkezi, 2016 - 2019

Erciyes University, 2016 - 2019

Vice Dean, Erciyes University, Eczacılık Fakültesi, 2016 - 2016

Erciyes University, 2015 - 2016

Erciyes Üniversitesi, Eczacılık Fakültesi, 2010 - 2015

Erciyes University, 2010 - 2015

Advising Theses

Aktaş Y., Çelebi F. N., Tip 2 diyabet tedavisinde kullanılmak üzere oral yolla uygulanacak protein/peptit içeren kendiliğinden emülsifiye olan nanoformülasyonunun geliştirilmesi, in vitro/in vivo değerlendirilmesi, Doctorate, M.ÇELİK(Student), 2020

AKTAŞ Y., Periodontitis Tedavisi için Tetrasiklin HCl İçeren Kitosan Boncukların Hazırlanması ve in vitro Değerlendirilmesi, Postgraduate, R.Sevinç(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Insight into oral amphiphilic cyclodextrin nanoparticles for colorectal cancer: comprehensive mathematical model of drug release kinetic studies and antitumoral efficacy in 3D spheroid colon tumors**
Ünal S., Varan G., Benito J. M., Aktaş Y., Bilensoy E.
BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY, vol.2023, no.19, pp.139-157, 2023 (SCI-Expanded)
- II. **Bisphosphonate-loaded PLGA microspheres for bone regeneration in dental surgery: formulation, characterization, stability, and comprehensive release kinetic studies**
Ünal S., Aktaş Y.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.72, no.1, pp.89-100, 2023 (SCI-Expanded)
- III. **Orally administered docetaxel-loaded chitosan-decorated cationic PLGA nanoparticles for intestinal tumors: formulation, comprehensive in vitro characterization, and release kinetics**
Ünal S., Doğan O., Aktaş Y.
BEILSTEIN JOURNAL OF NANOTECHNOLOGY, vol.2022, no.13, pp.1393-1407, 2022 (SCI-Expanded)
- IV. **Therapeutic efficacy and gastrointestinal biodistribution of polycationic nanoparticles for oral camptothecin delivery in early and late-stage colorectal tumor-bearing animal model.**
Ünal S., Can Öztürk S., Bilgiç E., Yanık H., Korkusuz P., Aktaş Y., Benito J. M., Esendağlı G., Bilensoy E.
European journal of pharmaceutics and biopharmaceutics : official journal of Arbeitsgemeinschaft fur Pharmazeutische Verfahrenstechnik e.V, vol.169, pp.168-177, 2021 (SCI-Expanded)
- V. **Folic acid decoration of mesoporous silica nanoparticles to increase cellular uptake and cytotoxic activity of doxorubicin in human breast cancer cells**
TONBUL H., Sahin A., Tavukcuoglu E., Ultav G., Akbas S., AKTAŞ Y., ESENDAĞLI G., ÇAPAN Y.
Journal of Drug Delivery Science and Technology, vol.63, 2021 (SCI-Expanded)
- VI. **Evaluation of the hypoglycemic effect of exendin-4's new oral self-nanoemulsifying system in rats**
Celik-Tekeli M., Celebi N., Tekeli M. Y., Aktas Y.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.158, 2021 (SCI-Expanded)
- VII. **Oral self-nanoemulsifying formulation of GLP-1 agonist peptide exendin-4: development, characterization and permeability assesment on Caco-2 cell monolayer.**
Tekeli M., AKTAŞ Y., Celebi N.
Amino acids, vol.53, pp.73-88, 2021 (SCI-Expanded)
- VIII. **Cyclodextrin nanoparticle bound oral camptothecin for colorectal cancer: Formulation development and optimization.**
Ünal S., Aktaş Y., Benito J. M., Bilensoy E.
International journal of pharmaceutics, vol.584, pp.119468, 2020 (SCI-Expanded)
- IX. **Development and characterization of exendin-4 loaded self-nanoemulsifying system and in vitro**

evaluation on Caco-2 cell line

Aktaş Y., Çelik Tekeli M., Çelebi F. N.

Journal Of Microencapsulation, vol.37, no.1, pp.41-51, 2020 (SCI-Expanded)

- X. **Novel Approach to the Treatment of Diabetes: Embryonic Stem Cell and Insulin-Loaded Liposomes and Nanocochleates**
Yücel Ç., Aktaş Y., Değim Z., Yılmaz Ş., Arsoy T., Altıntaş L., Çokçalışkan C., Sözmen M.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.19, pp.3706-3719, 2019 (SCI-Expanded)
- XI. **Mechanical characterization and ex vivo evaluation of anticancer and antiviral drug printed bioadhesive film for the treatment of cervical cancer**
Varan C., Şen M., Sandler N., AKTAŞ Y., BİLENSOY E., Bilensoy E.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.130, pp.114-123, 2019 (SCI-Expanded)
- XII. **Synthesis of Small-Sized Mesoporous Silica Nanoparticles by Experimental Design and Characterization for Further Drug Delivery**
TONBUL H., Ultav G., Akbas S., Sahin A., AKTAŞ Y., ÇAPAN Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.38, no.11, pp.2204-2210, 2019 (SCI-Expanded)
- XIII. **EFFECTS OF INSULIN AND EMBRYONIC STEM CELLS LOADED PLGA NANOPARTICLES ON PANCREATIC BETA TC CELLS**
Yücel Ç., Aktaş Y., Değim Z., Yılmaz Ş., Arsoy T., Altıntaş L., Çokçalışkan C., Sözmen M.
ACTA POLONIAE PHARMACEUTICA, vol.75, pp.1377-1389, 2018 (SCI-Expanded)
- XIV. **Nanoliposomal Resveratrol as a Novel Approach to Treatment of Diabetes Mellitus**
Yücel Ç., Karatoprak G., Aktaş Y.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.18, no.6, pp.3856-3864, 2018 (SCI-Expanded)
- XV. **Inkjet printing of antiviral PCL nanoparticles and anticancer cyclodextrin inclusion complexes on bioadhesive film for cervical administration**
VARAN C., WICKSTROM H., Sandler N., AKTAŞ Y., BİLENSOY E.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.531, no.2, pp.701-713, 2017 (SCI-Expanded)
- XVI. **Using PVA and TPGS as combined emulsifier in nanoprecipitation method improves characteristics and anticancer activity of ibuprofen loaded PLGA nanoparticles**
ŞAHİN A. E., Spiroux F., Guedon I., ARSLAN F. N., Sarcan E. T., Ozkan T., Colak N., Yuksel S., ÖZDEMİR S., ÖZDEMİR B., et al.
PHARMAZIE, vol.72, no.9, pp.525-528, 2017 (SCI-Expanded)
- XVII. **Evaluation of brain-targeted chitosan nanoparticles through blood-brain barrier cerebral microvessel endothelial cells**
Sahin A., Yoyen-Ermis D., Caban-Toktas S., Horzum U., AKTAŞ Y., Couvreur P., ESENDAĞLI G., ÇAPAN Y.
JOURNAL OF MICROENCAPSULATION, vol.34, no.7, pp.659-666, 2017 (SCI-Expanded)
- XVIII. **A small variation in average particle size of PLGA nanoparticles prepared by nanoprecipitation leads to considerable change in nanoparticles' characteristics and efficacy of intracellular delivery**
Sahin A., ESENDAĞLI G., Yerlikaya F., Caban-Toktas S., Yoyen-Ermis D., Horzum U., AKTAŞ Y., Khan M., Couvreur P., ÇAPAN Y.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.8, pp.1657-1664, 2017 (SCI-Expanded)
- XIX. **Amphiphilic cyclodextrins as enabling excipients for drug delivery and for decades of scientific collaboration: Tribute to a distinguished scientist, French representative and friend - A historical perspective**
AKTAŞ Y., YENICE I., BİLENSOY E., Hıncal A. A.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.30, pp.261-265, 2015 (SCI-Expanded)
- XX. **Development of a New Chitosan Based Nanomaterial for Controlled Delivery of Prilocaine**
Aktas Y., ATİLA A., KADIOĞLU Y.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.32, no.7, pp.1048-1052, 2013 (SCI-Expanded)
- XXI. **Development of a HPLC Method for the Determination of Cyclosporine A From Chitosan Nanoparticles**
Büyüktuncel E., Yücel Ç., Kaynak M. S., Aktaş Y.

LATIN AMERICAN JOURNAL OF PHARMACY, vol.31, pp.1083-1088, 2012 (SCI-Expanded)

- XXII. **LC-UV Determination of Melatonin from Chitosan Nanoparticles**
Yerlikaya F., Aktas Y., Çapan Y.
CHROMATOGRAPHIA, vol.71, pp.967-970, 2010 (SCI-Expanded)
- XXIII. **A nano-medicine transports a peptide caspase-3 inhibitor across the blood-brain barrier and provides neuroprotection**
Karataş H., AKTAŞ Y., Gürsoy Özdemir Y., Bodur E., Yemişçi M., Çaban S., Vural A., Pınarbaşı O., Çapan Y., Fernandez-Megia E., et al.
JOURNAL OF NEUROSCIENCE, vol.29, no.44, pp.13761-13769, 2009 (SCI-Expanded)
- XXIV. **Preparation and evaluation of alpha-phenyl-n-tert-butyl nitron (PBN)-encapsulated chitosan and PEGylated chitosan nanoparticles**
Pınarbaşı O., AKTAŞ Y., DALKARA T., Andrieux K., Alonso M. J., Fernandez-Megia E., Novoa-Carballal R., Riguera R., Couvreur P., Çapan Y.
PHARMAZIE, vol.64, no.7, pp.436-439, 2009 (SCI-Expanded)
- XXV. **Intravesical cationic nanoparticles of chitosan and polycaprolactone for the delivery of Mitomycin C to bladder tumors**
Bilensoy E., Sarisözen C., Esendağlı G., Doğan A. L., AKTAŞ Y., ŞEN M., Mungan N. A.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.371, pp.170-176, 2009 (SCI-Expanded)
- XXVI. **Development and brain delivery of chitosan-PEG nanoparticles functionalized with the monoclonal antibody OX26**
Aktas Y., Yemisci M., Andrieux K., Gursoy R., Alonso M., Fernandez-Megia E., Novoa-Carballal R., Quinoa E., Riguera R., Sargon M., et al.
BIOCONJUGATE CHEMISTRY, vol.16, no.6, pp.1503-1511, 2005 (SCI-Expanded)
- XXVII. **Preparation and In Vitro Evaluation of Z-DEVD-FMK Loaded Chitosan Nanoparticles**
AKTAŞ Y., Andrieux K., Alonso M. J., Calvo P., Gürsoy R. N., Couvreur P., Çapan Y.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.298, no.2, pp.378-83, 2005 (SCI-Expanded)
- XXVIII. **Influence of hydroxypropyl beta-cyclodextrin on the corneal permeation of pilocarpine**
AKTAŞ Y., Ünlü N., Orhan M.,İRKEÇ M., Hıncal A. A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.29, no.2, pp.223-230, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development and characterization of in situ gelling system containing atorvastatin-loaded polycaprolactone nanoparticles for periodontal diseases**
Ünal S., Doğan O., Polat H. K., Aktaş Y.
JOURNAL OF RESEARCH IN PHARMACY, vol.27, no.5, pp.1951-1973, 2023 (Peer-Reviewed Journal)
- II. **Thermosensitive Pluronic® F127-Based in situ gel formulation containing nanoparticles for the sustained delivery of paclitaxel**
Ünal S., Çelik Tekeli M., Doğan O., Aktaş Y.
Medicine Science, vol.2023, no.12, pp.224-230, 2023 (Peer-Reviewed Journal)
- III. **PACLITAXEL-LOADED POLYCAPROLACTONE NANOPARTICLES FOR LUNG TUMORS; FORMULATION, COMPREHENSIVE IN VITRO CHARACTERIZATION AND RELEASE KINETIC STUDIES**
Ünal S., Doğan O., Aktaş Y.
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, vol.46, no.3, pp.1009-1029, 2022 (Scopus)
- IV. **Tip 2 Diyabet Tedavisinde Kullanılan Exendin-4 ve Exendin-4'ün Alternatif Uygulama Yolları İçin Güncel Yaklaşımlar**
ÇELİK TEKELİ M., AKTAŞ Y., ÇELEBİ F. N.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.47, no.12, pp.266-281, 2022 (Scopus)
- V. **May biodegradable and biocompatible polymeric microneedles be considered as a vaccine and drug delivery system in the covid-19 pandemic? Biyoparçalanır ve biyouyumlu polimerik mikroigneler**

covid-19 pandemisinde aşı ve ilaç taşıyıcı sistem olarak değerlendirilebilir mi?

ÜNAL S., Doğan O., AKTAŞ Y.

Turkish Journal of Pharmaceutical Sciences, vol.18, no.5, pp.527-529, 2021 (ESCI)

- VI. **Development of Paclitaxel and Flurbiprofen Co-Loaded PLGA Nanoparticles: Understanding Critical Formulation and Process Parameters Using Plackett-Burman Design**
ŞAHİN A., ÇABAN TOKTAŞ S., TONBUL H., YERLİKAYA F., AKTAŞ Y., ÇAPAN Y.
Istanbul Journal of Pharmacy, vol.49, no.3, pp.161-166, 2019 (ESCI)
- VII. **Development and characterization of insulin-loaded liposome-chitosan-nanoparticle (LCS-NP) complex and investigation of transport properties through a pancreatic beta Tc cell line İnsülin yüklü lipozom-kitosan-nanopartikül (LCS-NP) kompleksinin geliştirilmesi ve karakterizasyonu ve pankreatik beta Tc hücre hattından geçiş özelliklerinin araştırılması**
ÇELİK TEKELİ M., YÜCEL Ç., ÜNAL S., AKTAŞ Y.
Turkish Journal of Pharmaceutical Sciences, vol.15, no.1, pp.91-96, 2018 (ESCI)
- VIII. **Dosetakselin Siklodekstrin Türevleri İle Farklı Yöntemlerle Kompleks Oluşturması Ve Oluşan İnklüzyon Komplekslerinin Karakterizasyonu**
Ünal S., Yücel Ç., Tort S., Çelik Tekeli M., Aktaş Y., Bilensoy E.
Sağlık Bilimleri Dergisi, vol.26, pp.119-125, 2017 (Peer-Reviewed Journal)
- IX. **Physicochemical Characterization and Microbiological Evaluation of Tetracycline HCl Loaded Chitosan Beads for Periodontitis Treatment: A Preliminary Study**
SEVİNÇ ÖZAKAR R., AKTAŞ Y., BİLİCİ D., AYYILDIZ A.
Journal of Allied Pharmaceutical Sciences, vol.1, no.1, pp.28-34, 2017 (Peer-Reviewed Journal)
- X. **DOSETAKSELİN SIKLODEKSTRİN TÜREVLERİ İLE FARKLI YÖNTEMLERLE KOMPLEKS OLUŞTURMASI VE OLUŞAN İNKLÜZYON KOMPLEKSLERİNİN KARAKTERİZASYONU**
ÜNAL S., YÜCEL Ç., TORT S., ÇELİK TEKELİ M., AKTAŞ Y., BİLENSOY E.
Sağlık Bilimleri Dergisi, vol.26, pp.119-125, 2017 (Peer-Reviewed Journal)
- XI. **Dosetakselin siklodekstrin türevleri ile farklı yöntemlerle kompleks oluşturması ve oluşan inklüzyon komplekslerinin karakterizasyonu**
ÜNAL S., YÜCEL Ç., TORT S., ÇELİK TEKELİ M., AKTAŞ Y., BİLENSOY E.
Sağlık Bilimleri Dergisi, pp.119-125, 2017 (Peer-Reviewed Journal)
- XII. **Kersetin Yüklü Kitosan Nanopartiküllerin İn Vitro Değerlendirilmesi**
Yücel Ç., Şeker Karatoprak G., Aktaş Y., Koşar M.
Sağlık Bilimleri Dergisi, vol.25, no.2, pp.63-66, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Türk Farmakopesi II Monograflar Avrupa Farmakopesi Adaptasyonu**
ÖZKAN Y., SALTAN H. G., SARAÇ TARHAN S., ÖZKAN S. A., AYDIN A., SÜZEN H. S., SÜZEN S., KÜÇÜKGÜZEL İ., YÜKSEL N., ARICA YEGİN B., et al.
TC SAĞLIK BAKANLIĞI, 2016
- II. **Bitmiş Ürünlerin Teknik Bilgi Dosyasında Bulunan Güvenlilik Değerlendirmesi**
AKTAŞ Y.
in: Avrupa'da Kozmetiklerin Güvenlilik Değerlendirmesi, Kadioğlu Y., Editor, Cosming.Com, Ankara, pp.147-166, 2014
- III. **Development and Validation of an Analytical Method for The Determination of PBN from Chitosan Nanoparticles**
Pınarbaşı O., AKTAŞ Y., ÇAPAN Y.
in: Advances in Chitin Science, Senel S., Varum K.M., Sumnu M.M., Hincal A.A. , Editor, Alp Ofset, Ankara, pp.370-375, 2007
- IV. **Bioadhesive Chitosan Nanoparticles for Effective Delivery of Mitomycin C in Superficial Bladder Cancer Therapy**

Sarisözen C., Doğan A. L., Esendağlı G., AKTAŞ Y., Mungan A. N., Bilensoy E.

in: Advances in Chitin Science, Senel S., Varum K.M., Sumnu M.M., Hincal A.A., Editor, Alp Ofset, Ankara, pp.236-241, 2007

V. Bioadhesive Chitosan Nanoparticles For Effective Delivery of Mitomycin C in Superficial Bladder Cancer Therapy

sarisözen c., DOĞAN A. L., ESENDAĞLI G., AKTAŞ Y., MÜNGAN N. A., BİLENSOY E.

in: Advances in Chitin Science, , Editor, Alp Ofset, Ankara, pp.236-241, 2007

VI. Development and Validation of Analytical Method For The Determination of PBN From Chitosan Nanoparticles

PINARBAŞLI O., AKTAŞ Y., ÇAPAN Y.

in: Advances in Chitin Science, , Editor, Alp Ofset, Ankara, pp.370-375, 2007

Refereed Congress / Symposium Publications in Proceedings

I. ORAL ADMINISTRATION OF EXENDIN-4 AND EXENDIN-4/CHYMOSTATIN LOADED SELF NANOEMULSIFYING SYSTEM: EVALUATION OF HYPOGLYCEMIC EFFECTS IN NON-DIABETIC AND STZ-INDUCED DIABETIC RATS

Çelik Tekeli M., Tekeli M. Y., Aktaş Y., Çelebi F. N.

8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.83-84

II. Folic Acid Conjugated Mesoporous Silica Nanoparticles For Enhanced Therapeutic Efficacy of Doxorubicin In Breast Cancer

Tonbul H., Ultav G., Akbaş S., Şahin A., Tavukcuoğlu E., Aktaş Y., Esendağlı G., Çapan Y.

8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, vol.1, no.1, pp.184-186

III. The Effect Of Local Release Alendronate Applied With Bone Grafts In Maxillary Sinus Lifting In Rabbits On New Bone Formation: A Micro-CT Analysis Study

Yılmaz G., Demirbaş A. E., Ünal S., Aktaş Y., Bilge S., Kütük N., Alkan A.

Oral and Maxillofacial Surgery Society (ACBID) 13th International Congress with EACMFS Endorsement, Antalya, Turkey, 24 - 28 April 2019, vol.1, pp.135

IV. Development of Embryonic Stem Cell and Insulin-loaded Nanocohleates and Evaluation of Efficiency on Pancreatic Beta TC Cells

YÜCEL Ç., DEĞİM Z., AKTAŞ Y., GÖRÜYILMAZ Ş.

19th International Pharmaceutical Technology Symposium-IPTS 2018, 17 - 19 September 2018

V. IN VITRO LIPOLYSIS TEST FOR EXENDIN-4 AND EXENDIN-4/CHYMOSTATIN LOADED SELF NANOEMULSIFYING SYSTEM

ÇELİK TEKELİ M., AKTAŞ Y., ÇELEBİ F. N.

19th International Pharmaceutical Technology Symposium-IPTS 2018, 17 - 19 September 2018

VI. Development of Embryonic Stem Cell and Insulin-Loaded Nanocochleates And Evaluation of Efficiency on Pancreatic Beta TC Cells

YÜCEL Ç., DEĞİM Z., AKTAŞ Y., YILMAZ Ş.

19th International Pharmaceutical Technology Symposium, Antalya, Turkey, 17 - 19 September 2018

VII. PREPERATION, CHARACTERIZATION, CYTOTOXICITY EVALUATIONS OFFOLIC ACID CONJUGATED MESOPOROUS SILICA NANOPARTICLES

TONBUL H., ultav g., akbas s., sahin a., tavukcuoglu e., AKTAŞ Y., ESENDAĞLI G., ÇAPAN Y.

19th International Pharmaceutical Technology Symposium-IPTS 2018, 17 - 19 September 2018

VIII. DEVELOPMENT AND CHARACTERIZATION OF SELF NANOEMULSIFYING FORMULATION FOR ORAL PEPTIDE DELIVERY

Çelik Tekeli M., Aktaş Y., Çelebi N.

12th International Symposium On Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018

IX. IN VITRO EVALUATION OF PACLITAXEL LOADED MESOPOROUS SILICA NANOPARTICLES

Tonbul H., Akbaş S., Ultav G., Şahin A., AKTAŞ Y., Çapan Y.

EUFEPS Annual Meeting 2018-Crossing Barriers For Future Medicines, Atina, Greece, 23 - 26 May 2018

X. MECHANICAL CHARACTERIZATION AND EX VIVO EVALUATION OF INKJET PRINTED BIOADHESIVE FILM FORMULATION OF COMPLEXED PACLITAXEL AND NANOPARTICULATE CIDOFOVIR

Varan C., Şen M., Sandler N., AKTAŞ Y., Bilensoy E.

EUFEPS Annual Meeting 2018-Crossing Barriers For Future Medicines, Atina, Greece, 23 - 26 May 2018

XI. SELF-NANOEMULSIFYING DRUG DELIVERY SYSTEM OF EXENDIN-4: DEVELOPMENT, CHARACTERIZATION AND ASSESMENT OF CYTOTOXICITY ON CACO-2 CELL LINE

Çelik Tekeli M., Aktaş Y., Yücel Ç., Çelebi N.

EUFEPS ANNUAL MEETING 2018, Athens, Greece, 23 - 26 May 2018

XII. DEVELOPMET AND EVALUATION OF SILICA NANOPARTICLES USING A QUALITY BY DESIGN APPROACH

Tonbul H., Akbaş S., Ultav G., Şahin A., AKTAŞ Y., Çapan Y.

EUFEPS Annual Meeting 2018-Crossing Barriers For Future Medicines, Atina, Greece, 23 - 26 May 2018

XIII. Development and Characterization of Paclitaxel-loaded PLGA Nanoparticles and Evaluation of Cytotoxicity on MCF-7 cell line

ÇELİK TEKELİ M., YÜCEL Ç., ÜNAL S., ŞEKER KARATOPRAK G., AKTAŞ Y., BİLENSOY E.

2nd International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.1030

XIV. Development and Characterization of Paclitaxel-Loaded PLGA Nanoparticles and Cytotoxicity Assessment By MTT Assay On A549 Cell Line

ÜNAL S., YÜCEL Ç., ÇELİK TEKELİ M., ŞEKER KARATOPRAK G., AKTAŞ Y., Bilensoy E.

2nd International Conference on Natural Products for Cancer Prevention and Therapy (NPCPT 2017), Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1036

XV. Development and Characterization of Paclitaxel-loaded PLGA Nanoparticles and Evaluation of Cytotoxicity on MCF-7 cell line by MTT Assay

ÇELİK TEKELİ M., YÜCEL Ç., ÜNAL S., ŞEKER KARATOPRAK G., AKTAŞ Y., Bilensoy E.

2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1030

XVI. Nanoparticulate Drug Delivery in Cancer Therapy

AKTAŞ Y.

Cancer Research and Targeted Therapy, Miami, United States Of America, 26 - 28 October 2017, pp.34

XVII. Synthesis and characterization of silica nanoparticles: Obtaining nanoparticles smaller than 100 nm

Tonbul H., Ultav G., Akbaş S., Şahin A., Kaynak M. S., AKTAŞ Y., Çapan Y.

2nd International Gazi Pharma Symposium (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.1

XVIII. INFLUENCE OF EXPERIMENTAL PARAMETERS ON THE CHARACTERISTICS OF CATIONIC NANOPARTICLES PREPARED BY NANOPRECIPITATION AND DOUBLE EMULSION METHODS

ÜNAL S., AKTAŞ Y., Bilensoy E.

2nd International Gazi Pharma Symposium (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.1

XIX. Development of Embryonic Stem Cell and Insulin-loaded Liposomes and Evaluation of Efficiency on Pancreatic Beta TC Cells

YÜCEL Ç., Değim Z., AKTAŞ Y., Yılmaz Ş.

2. Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017

XX. Development of a Self Emulsifying Drug Delivery System by Design of Experiment (DoE) Approach

ÇELİK TEKELİ M., Karaküçük A., AKTAŞ Y., Çelebi N.

2nd International Gazi Pharma Symposium (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.90

XXI. DEVELOPMENT OF A SELF EMULSIFYING DRUG DELIVERY SYSTEM BY DESIGN OF EXPERIMENT (DOE) APPROACH

ÇELİK TEKELİ M., KARAKÜÇÜK A. E., AKTAŞ Y., ÇELEBİ F. N.

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

XXII. Development and Characterization of Self Nanoemulsifying Systems for Oral Delivery of Peptides

ÇELİK TEKELİ M., Çelebi F. N., AKTAŞ Y.

- 7th BBBB International Conference on Pharmaceutical Sciences, Balatonfüred, Hungary, 5 - 07 October 2017, pp.112
- XXIII. **Printing and Characterization of Antiviral and Nativiral and Anticancer Drug Loaded Film Formulation by Inkjet Printer**
Varan C., Şen M., Sandler N., AKTAŞ Y., Bilensoy E.
7th BBBB International Conference on Pharmaceutical Sciences, Balatonfüred, Hungary, 5 - 07 October 2017, pp.178
- XXIV. **Printing and Characterization of Antiviral and Anticancer Drug Loaded Film Formulation by Inkjet Printer**
Varan C., ŞEN M., Sandler N., AKTAŞ Y., BİLENSOY E.
7th BBBB International Conference on Pharmaceutical Sciences, 5 - 07 October 2017
- XXV. **Nanoteknolojinin Beslenme Alanındaki Uygulamaları**
AKTAŞ Y.
II. Beslenme ve Diyetetik Öğrenci Kongresi, Turkey, 23 - 26 March 2017
- XXVI. **Majistral Ürünlerde Temel İşlemler/Malzemeler**
AKTAŞ Y.
4. Ulusal Hastane ve Kurum Eczacıları Kongresi, Turkey, 8 - 12 March 2017
- XXVII. **Comparing Intracellular Delivery of PLGA and Chitosan Nanoparticles: Lessons and Challenges**
Şahin A., Yerlikaya F., Esendağlı G., AKTAŞ Y., Çapan Y.
American Association of Pharmaceutical Scientists Annual Meeting 2016, Denver, United States Of America, 13 - 17 November 2016, pp.11-12
- XXVIII. **Resveratrol ve yeni geliştirilen lipozomal formülasyonunun MTT yöntemi ile pankreatik beta TC hücre hattı üzerine sitotoksitesinin değerlendirilmesi**
YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y.
Ulusal Marmara Eczacılık Kongresi (UMEK), İstanbul, Turkey, 3 - 05 November 2016, pp.145
- XXIX. **Resverotrol ve Yeni Geliştirilen Lipozomal Formülasyonunun MTT Yöntemi ile Pankreatik Beta TC Hücre Hattı Üzerine Sitotoksitesinin Değerlendirilmesi**
YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y.
I. Ulusal Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016, pp.145
- XXX. **Intracellular Delivery and Intraperitoneal Retention of Different Sized PLGA Nanoparticles Prepared by Nanoprecipitation Method. International Pharmaceutical Technology Symposium**
Şahin A., Esendağlı G., Yerlikaya F., Kozlu S., Yöyen Ermiş D., Horzum U., AKTAŞ Y., Khan M., Couvreur P., Çapan Y.
International Pharmaceutical Technology Symposium 2016, Antalya, Turkey, 18 - 21 September 2016, pp.141-143
- XXXI. **Formulation and Characterization of Liposome-Chitosan Nanoparticle Complexes (LCS-NP) Containing Insulin**
ÇELİK TEKELİ M., ÜNAL S., YÜCEL Ç., AKTAŞ Y.
International Pharmaceutical Technology Symposium 2016, Antalya, Turkey, 18 - 21 September 2016, pp.198-199
- XXXII. **Bitkisel Kaynaklı Bazı Etkin Maddeler ile Hazırlanan İlaç Taşıyıcı Sistemler ve Yapılan Çalışmalar**
YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y., KOŞAR M.
Bitkisel ilaç hammaddeleri toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.1
- XXXIII. **Bitkisel Kaynaklı Etkin Maddeler İle Hazırlanan İlaç Taşıyıcı Sistemler ve Yapılan Çalışmalar**
YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y., KOŞAR M.
XXII.Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 31 August - 05 September 2016, pp.92
- XXXIV. **Intracellular Delivery and Intraperitoneal Retention of Different Sized PLGA Nanoparticles Prepared by Nanoprecipitation Method**
ŞAHİN A., ESENDAĞLI G., Yerlikaya F., KOZLU S., YOYEN ERMİŞ D., HORZUM U., AKTAŞ Y., KHAN M., COUVREUR P., ÇAPAN Y.
International Pharmaceutical Technology Symposium 2016, 18 - 21 September 2016
- XXXV. **Kristal Yapıların Farmasötik Alandaki Önemi ve Polimorfizm Gösteren Etkin Maddelerin Farmasötik Formülasyonlarda Değerlendirilmeleri**
ÜNAL S., AKTAŞ Y.

3. Ulusal Hastane ve Kurum Eczacıları Kongresi, Muğla, Turkey, 23 - 27 March 2016, pp.34

XXXVI. Embryonic Stem Cell and Insulin-loaded PLGA Nanoparticles and Evaluation of Efficiency on Pancreatic Beta TC Cells

YÜCEL Ç., YÜCEL Ç., AKTAŞ Y., Değim Z., Yılmaz Ş.

Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.84

XXXVII. Preparation and In Vitro Evaluation Of Ziconotide Loaded PLGA And Chitosan Nanoparticles

Şahin A., Çaban S., AKTAŞ Y., Çapan Y.

Biomed Conference-Blood Brain Barrier, Barselona, Spain, 2 - 04 November 2015, pp.11-12

XXXVIII. Determination of Critical Parameters of Paclitaxel and Flurbiprofen Co-Loaded PLGA Nanoparticles Prepared By Nanoprecipitation

Şahin A., Çaban S., Kzyz G., Yerlikaya F., AKTAŞ Y., Çapan Y.

American Association of Pharmaceutical Scientists Annual Meeting 2015, Orlando, United States Of America, 25 - 29 October 2015, pp.13-14

XXXIX. Particle Size Optimization of Ibuprofen Loaded PLGA Nanoparticles Using Box-Behnken Design

Şahin A., Çaban S., AKTAŞ Y., Çapan Y.

American Association of Pharmaceutical Scientists Annual Meeting 2015, Orlando, United States Of America, 25 - 29 October 2015, pp.11-12

XL. FORMULATION AND CHARACTERIZATION OF PLGA NANOPARTICLES CONTAINING DOCETAXEL

ÇELİK TEKELİ M., TANBAY M., YÜCEL Ç., AKTAŞ Y.

INTERNATIONAL MULTIDISCIPLINARY SYMPOSIUM ON Drug Research & Development, Eskişehir, Turkey, 15 - 17 October 2015, pp.220

XLI. Nanoparticulate Cidofovir and Paclitaxel-Cyclodextrin Complex Combination in Ink Jet Printed Adhesive Film for HPV Infection

Varan C., Sandler N., AKTAŞ Y., Bilensoy E.

4th European Conference on Cyclodextrins, Lille, France, 6 September - 09 October 2015, pp.11-12

XLII. Preparation and characterization of Cidofovir and Paclitaxel loaded bioadhesive film for the treatment of HPV-induced cervical cancer by printing technology

Varan C., Sandler N., AKTAŞ Y., Bilensoy E.

EUFEPS Annual Meeting -System Approches for Better Medicines and Health, Cenevre, Switzerland, 15 - 17 June 2015, pp.11-12

XLIII. Arometerapik karışımların hazırlanması

AKTAŞ Y.

Tamamlayıcı ve Destekleyici Bakım Uygulamaları Kongresi, Turkey, 27 - 29 May 2015

XLIV. Preparation and in Vitro Evaluation of Cyclosporin a Loaded Liposome-Chitosan Nanoparticle Complexes

AKTAŞ Y., YÜCEL Ç., BÜYÜKTUNCEL S. E., KAYNAK M. S., GÜL M.

16th International Pharmaceutical Technology Symposium, Turkey, 10 - 12 September 2012, pp.0-192

XLV. Preparation and in vitro Evaluation of Cyclosporin A-Loaded Liposome Chitosan Nanoparticle Complexes, 16th International Pharmaceutical Technology Symposium

AKTAŞ Y., YÜCEL Ç., büyüktuncel e., kaynak m. s., Gül M.

International Pharmaceutical Technology Symposium 2012, Antalya, Turkey, 10 - 12 September 2012, pp.11-12

XLVI. Kitosan nanopartiküllerden siklosporin A tayini için HPLC metodu geliştirilmesi

YÜCEL Ç., büyüktuncel e., kaynak m. s., AKTAŞ Y.

Kromatografi Kongresi, Tokat, Turkey, 6 - 09 June 2012, pp.1

XLVII. Kitosan Nanopartiküllerinden Siklosporin-A Tayini için HPLC Metodu Geliştirilmesi

BÜYÜKTUNCEL S. E., YÜCEL Ç., KAYNAK M. S., AKTAŞ Y.

Kromatografi 2012 Kongresi, Tokat, Turkey, 6 - 09 June 2012

XLVIII. In vitro Evaluation of Quercetin-Loaded Chitosan Nanoparticles

YÜCEL Ç., AKTAŞ Y., KOŞAR M., ŞEKER KARATOPRAK G.

10 th International Symposium Pharmaceutical Sciences, Turkey, 1 - 04 June 2012, pp.314

XLIX. Gallic acid-loaded chitosan nanoparticles: A preliminary study

YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y., KOŞAR M.

European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, no.1, pp.127

L. Gallic acid-Loaded Chitosan Nanoparticles: A Preliminary Study

YÜCEL Ç., ŞEKER KARATOPRAK G., AKTAŞ Y., KOŞAR M.

European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, pp.127

LI. The dose-dependent antioxidant activity of gallic acid-loaded nanoparticles on HepG2 cell line

YÜCEL Ç., İNANIR M., AYCAN M. B., AKTAŞ Y.

European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, no.1, pp.122

Supported Projects

Aktaş Y., Project Supported by Higher Education Institutions, Posakonazol İçeren Kendiliğinden Nano Emülsifiye Olabilen Sistemlerin (SNEDDS) Geliştirilmesi ve Karakterizasyonu, 2021 - 2022

AKTAŞ Y., ÖZTÜRK S. C., BİLENSOY E., ESENDAĞLI G., KORKUSUZ P., ÜNAL S., Project Supported by Higher Education Institutions, Kolorektal Kanserlerin Lokal Tedavisinde Oral Uygulanabilen Nanopartiküler İlaç Taşıyıcı Sistem Geliştirilmesi ve in vitro/in vivo Değerlendirilmesi, 2019 - 2021

AKTAŞ Y., ÇELEBİ N., ÇELİK TEKELİ M., YÜCEL Ç., Project Supported by Higher Education Institutions, Oral yoldan uygulanmak üzere peptid içeren nanoemülsiyon formülasyonunun geliştirilmesi ve intestinal geçiş çalışmaları, 2017 - 2018

BOŞGELMEZ İ. İ., KOŞAR M., GÜZEL Y., AYCAN M. B., AKTAŞ Y., EKEN A., SOYDAN Ö., Project Supported by Higher Education Institutions, Doğal Kaynaklı ve Sentetik İlaçların Farmasötik Formülasyon, Biyoanalitik, Toksikite ve Kalite Kontrol Araştırmaları için Ar-Ge Çalışmaları, 2016 - 2017

YÜCEL Ç., AKTAŞ Y., ŞEKER KARATOPRAK G., Project Supported by Higher Education Institutions, Resveratrol yüklü lipozomal formülasyonların geliştirilmesi ve antidiyabetik etkinliğinin araştırılması, 2015 - 2016

AKTAŞ Y., YÜCEL Ç., KAYNAK M. S., Project Supported by Higher Education Institutions, "Oküler uygulama için siklosporin A yüklü lipozom-kitosan nanopartikül kompleksinin hazırlanması ve in vitro değerlendirilmesi", 2011 - 2014

AKTAŞ Y., TUBİTAK Project, Serebral İskemi Tedavisinde Kullanılmak Üzere Peptid, Protein veya Oligonükleotid İçeren Nanopartiküler İlaç Taşıyıcı Sistemlerin Tasarımı ve in vitro Etkinliklerinin Araştırılması, 2004 - 2006

Scientific Refereeing

Pharmaceutical Development and Technology, SCI Journal, January 2013

Hacettepe Üniversitesi Eczacılık Fakültesi Dergisi, National Scientific Refreed Journal, January 2013

Drug Delivery, SCI Journal, January 2013

International Journal of Pharmaceutics, SCI Journal, January 2013

FABAD Journal of Pharmaceutical Sciences, National Scientific Refreed Journal, January 2013

Scientific Research / Working Group Memberships

Türkiye İlaç ve Tıbbi Cihaz Kurumu Bilimsel Danışma Komisyonu (Teknolojik Değerlendirme Komisyonu, TC Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Turkey, -, 2015 - Continues

Avrupa Farmakopesi Adaptasyonu Çalışma Grubu, TC Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Turkey, -, 2010 - Continues

Metrics

Publication: 99

Citation (WoS): 574

Citation (Scopus): 615

H-Index (WoS): 10

H-Index (Scopus): 9

Non Academic Experience

TC Sağlık Bakanlığı İlaç ve Eczacılık Genel Müdürlüğü