

Prof. YILMAZ ÇAPAN

Personal Information

Email: ycapan@hacettepe.edu.tr

Education Information

Doctorate, Universite De Lille Ii, Pharmaceutical Technology, France 1976 - 1978

Post Graduate, Universite De Lille Ii, Industrial Pharmaceutical Technology, France 1974 - 1976

Under Graduate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Turkey 1968 - 1972

Foreign Languages

French, C1 Advanced

English, C1 Advanced

Research Areas

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

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

- I. **Combination drug delivery with actively-targeted PLGA nanoparticles to overcome multidrug resistance in breast cancer**
Tonbul H., Sahin A., Tavukcuoglu E., ESENDAĞLI G., ÇAPAN Y.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.54, 2019 (Journal Indexed in SCI)
- II. **DEVELOPMENT AND VALIDATION OF STABILITY-INDICATING HPLC METHOD FOR DIFLUCORTOLONE VALERATE AND ISOCONAZOLE NITRATE COMBINATION**
Gundogdu S. O. , Simsek F., Doganay A., Capan Y.
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- III. **Synthesis of Small-Sized Mesoporous Silica Nanoparticles by Experimental Design and Characterization for Further Drug Delivery**
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- IV. **Nanopharmaceuticals as Drug-Delivery Systems: For, Against, and Current Applications**
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- V. **Nano-Based Carriers for Brain Drug Delivery**
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- VI. **Characterization of bevacizumab by dynamic light scattering while maintaining its native structure**
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- VII. **Development and in vitro evaluation of doxorubicin and celecoxib co-loaded bone targeted nanoparticles**
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- VIII. **Preparation and Characterization of Biocompatible Chitosan Nanoparticles for Targeted Brain Delivery of Peptides**
Yemisci M., Caban S., Fernandez-Megia E., ÇAPAN Y., Couvreur P., DALKARA T.
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- IX. **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.
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- X. **DEVELOPMENT AND VALIDATION OF HPLC ANALYTICAL METHODS USED FOR DETERMINATION OF ASSAY, CONTENT UNIFORMITY AND DISSOLUTION OF IMMEDIATE RELEASE CANDESARTAN CILEXETIL 32 MG TABLETS**
YÜCE M., ÇAPAN Y.
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- XI. **Evaluation of brain-targeted chitosan nanoparticles through blood-brain barrier cerebral microvessel endothelial cells**
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- XII. **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**
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- XIII. **Preformulation of Immediate Release Candesartan Cilexetil Tablets Using Full Factorial Experimental Design**
YÜCE M., GÜVEN O., KARAHAN S., SARAÇBAŞI O., ÇAPAN Y.
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- XIV. **Systemically administered brain-targeted nanoparticles transport peptides across the blood-brain barrier and provide neuroprotection**
Yemisci M., Caban S., Gursoy-Ozdemir Y., Lule S., NOVOA-CARBALLAL R., RIGUERA R., FERNANDEZ-MEGIA E., Andrieux K., COUVREUR P., ÇAPAN Y., et al.
JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, vol.35, pp.469-475, 2015 (Journal Indexed in SCI)
- XV. **Squalenoyl adenosine nanoparticles provide neuroprotection after stroke and spinal cord injury**
Gaudin A., Yemisci M., EROĞLU H., Lepetre-Mouelhi S., Turkoglu O. F., Donmez-Demir B., Caban S., SARGON M. F., Garcia-Argote S., Pieters G., et al.
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- XVI. **An aquaporin 4 antisense oligonucleotide loaded, brain targeted nanoparticulate system design**
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- XVII. **Comparative in vitro studies on PBN loaded nanoparticles prepared by biodegradable chitosan, PLGA polymers and their PEGylated block copolymers**
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- XVIII. **Development and Evaluation of Paclitaxel Nanoparticles Using a Quality-by-Design Approach**
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- JOURNAL OF PHARMACEUTICAL SCIENCES, vol.102, pp.3748-3761, 2013 (Journal Indexed in SCI)
- XIX. **Formulation and evaluation of clozapine orally disintegrating tablets prepared by direct compression**
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PHARMAZIE, vol.68, pp.110-116, 2013 (Journal Indexed in SCI)
- XX. **CHARACTERIZATION, CELL PROLIFERATION AND CYTOTOXICITY EVALUATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR LOADED POLY (LACTIC-CO-GLYCOLIC ACID) MICROSPHERES**
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- XXI. **TRANSPORT OF A CASPASE INHIBITOR ACROSS THE BLOOD BRAIN BARRIER BY CHITOSAN NANOPARTICLES**
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ACTA POLONIAE PHARMACEUTICA, vol.68, pp.423-433, 2011 (Journal Indexed in SCI)
- XXIII. **Comparative evaluation of in vitro parameters of tamoxifen citrate loaded poly(lactide-co-glycolide), poly(ϵ -caprolactone) and chitosan nanoparticles**
Cirpanli Y., Yerlikaya F., Ozturk K., Erdogar N., Launay M., Gegu C., Leturgez T., BİLENSOY E., ÇALIŞ S., ÇAPAN Y.
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- XXIV. **LC-UV Determination of Melatonin from Chitosan Nanoparticles**
Yerlikaya F., Aktas Y., ÇAPAN Y.
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- XXV. **A nanomedicine transports a peptide caspase-3 inhibitor across the blood-brain barrier and provides neuroprotection**
KARATAS H., AKTAS Y., GURSOY-OZDEMİR Y., BODUR E., YEMİSİ M., CABAN S., VURAL A., PINARBASLI O., ÇAPAN Y., FERNANDEZ-MEGIA E., et al.
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- XXVI. **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, pp.183-184, 2009 (Journal Indexed in SCI)
- XXVII. **Microbiological and clinical comparison of chlorhexidine buccoadhesive tablet and chlorhexidine mouthrinse**
AKTAŞ A., GIRAY B., ÇAPAN Y., MENEMENLIOĞLU D., HAYRAN M., İKİNCİ G., VURAL İ.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.19, pp.353-357, 2009 (Journal Indexed in SCI)
- XXVIII. **Preparation and Characterization of Salmon Calcitonin-biotin Conjugates**
ÇETİN M., Youn Y. S. , ÇAPAN Y., Lee K. C.
AAPS PHARMSCITECH, vol.9, pp.1191-1197, 2008 (Journal Indexed in SCI)
- XXIX. **Stability of antimicrobial decapeptide (KSL) and its analogues for delivery in the oral cavity**
Na D. H. , Faraj J., Capan Y., Leung K. P. , DeLuca P. P.
PHARMACEUTICAL RESEARCH, vol.24, pp.1544-1550, 2007 (Journal Indexed in SCI)
- XXX. **Development of a peptide-containing chewing gum as a sustained release antiplaque antimicrobial delivery system**
Faraj J. A. , Dorati R., Schoubben A., Worthen D., Selmin F., Capan Y., Leung K., DeLuca P. P.
AAPS PHARMSCITECH, vol.8, 2007 (Journal Indexed in SCI)
- XXXI. **Preparation and characterization of PLGA nanospheres for the targeted delivery of NR2B-specific antisense oligonucleotides to the NMDA receptors in the brain**
KİLİC A. C. , Capan Y., Vural İ., Gursoy R. N. , Dalkara T., CUİNE A., HİNCAL A. A.
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INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.298, pp.378-383, 2005 (Journal Indexed in SCI)
- XXXIII. **Formulation and in vitro in vivo investigation of carbamazepine controlled-release matrix tablets**
Ikinci G., Capan Y., Senel S., Dalkara T., Hincal A.
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- XXXIV. **Histological and bioadhesion studies on buccal bioadhesive tablets containing a penetration enhancer sodium glycodeoxycholate**
Senel S., Capan Y., Sargon M. F. , Giray C. B. , Hincal A.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.170, pp.239-245, 1998 (Journal Indexed in SCI)
- XXXV. **In vitro studies on enhancing effect of sodium glycocholate on transbuccal permeation of morphine hydrochloride**
Senel S., Duchene D., Hincal A., Capan Y., Ponchel G.
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Articles Published in Other Journals

- I. **Development of paclitaxel and flurbiprofen co-loaded PLGA nanoparticles: understanding critical formulation and process parameters using Plackett-Burman design**
Sahin A., Caban-Toktas S., Tonbul H., Yerlikaya F., AKTAŞ Y., ÇAPAN Y.
ISTANBUL JOURNAL OF PHARMACY, vol.49, pp.161-166, 2019 (Journal Indexed in ESCI)
- II. **Beyine İlaç Taşınması:Truva Atı Teknolojisi**
DOĞAN S. S. , TOKTAŞ S., ÇAPAN Y.
Hacettepe University Journal of the Faculty of Pharmacy, 2014 (Other Refereed National Journals)
- III. **Beyine İlaç Hedeflendirme Stratejileri**
DOĞAN S. S. , TOKTAŞ S., ÇAPAN Y.
Hacettepe University Journal of the Faculty of Pharmacy, 2013 (Other Refereed National Journals)
- IV. **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, pp.105-114, 2009 (Refereed Journals of Other Institutions)
- V. **Desensitization to allopurinol in a patient with fixed drug eruption**
Damadoglu E., Isik S. R. , KARAKAYA G., ÇAPAN Y., KALYONCU A. F.
ASTIM ALLERJİ IMMUNOLOJİ, vol.7, pp.194-197, 2009 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Preparation and Characterization of Basic Fibroblast Growth Factor (bFGF)-Loaded Microparticulate Drug Delivery Systems,**
ÇETİN M., ÇAPAN Y., VURAL İ., GURSOY R. N. , DALKARA T., Cuine A., HINCAL A.
2004 AAPS Annual Meeting and Exposition, Maryland, United States Of America, 31 October 2004

Supported Projects

ÇAPAN Y., Ultav G., AKBAŞ S., Project Supported by Higher Education Institutions, Meme kanseri tedavisinde kullanılmak üzere farklı boyutlara sahip pH Duyarlı mezogözenekli silika nanopartiküllerinin geliştirilmesi optimizasyonu ve etkinliklerinin in vitro testlerle değerlendirilmesi, 2016 - 2017
ÇAPAN Y., Project Supported by Higher Education Institutions, 2016 AAPS Kongresine Katılım Desteği, 2016 - 2016
ÇAPAN Y., Project Supported by Higher Education Institutions, Farmasötik Teknoloji Alanındaki Gelişmelerin Takip Edilmesi ve Uluslararası Nitelikte Bilgi Paylaşımının Sağlanması, 2015 - 2016
ÇAPAN Y., ŞAHİN A., Project Supported by Higher Education Institutions, Beyin Kanseri Üzerinde Etkili Nanopartikül Formülasyonlarının Geliştirilmesi ve İn Vitro Etkinliklerinin Değerlendirilmesi, 2014 - 2015

Citations

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