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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AHB-3011-2022

ScopusID: 57193991202

Yoksis Researcher ID: 118239

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2011 - 2017

Undergraduate, Gazi University, Eczacılık Fakültesi, Turkey 2006 - 2011

Dissertations

Doctorate, Lipit Polimer Hibrit Nanopartiküler İlaç Taşıyıcı Sistemlerin Geliştirilmesi ve Değerlendirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2017

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant PhD, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - Continues

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2012 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Nanoemulsions Containing Megestrol Acetate: Development, Characterization, and Stability Evaluation**
Yalcin T. E., Tuncel E., Yucel C., Tirnaksiz F. F.
AAPS PHARMSCITECH, vol.23, no.5, 2022 (SCI-Expanded)
- II. **Antitumor activity of gemcitabine hydrochloride loaded lipid polymer hybrid nanoparticles (LPHNs): In vitro and in vivo**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.580, 2020 (SCI-Expanded)
- III. **Development and characterization of gemcitabine hydrochloride loaded lipid polymer hybrid**

nanoparticles (LPHNs) using central composite design

YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.

INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.548, no.1, pp.255-262, 2018 (SCI-Expanded)

IV. Gemcitabine hydrochloride-loaded liposomes and nanoparticles: comparison of encapsulation efficiency, drug release, particle size, and cytotoxicity

YALÇIN T. E., İLBASMIŞ TAMER S., İbisoglu B., ÖZDEMİR A., ARK M., TAKKA S.

PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.23, no.1, pp.76-86, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of 5-fluorouracil-loaded nano-sized liposomal formulation by two methods: Strategies to enhance encapsulation efficiency of hydrophilic drugs**
YALÇIN T. E., Yetgin C., Yilmaz A.
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.4, pp.371-378, 2021 (ESCI)
- II. **Sıcaklığa Duyarlı Lipozomların Kanser Tedavisinde Kullanımları**
Yalçın T. E.
Literatür Eczacılık Bilimleri Dergisi, vol.9, no.3, pp.285-291, 2020 (Peer-Reviewed Journal)
- III. **Development and characterization of camphor-loaded ozonated olive oil nanoemulsions**
Yalçın T. E., Takka S.
Journal of Research in Pharmacy, vol.24, no.6, pp.935-942, 2020 (ESCI)
- IV. **Effect of Organic Solvents on Gemcitabine Loaded PLGA Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
FABAD Journal of Pharmaceutical Sciences, vol.42, pp.15-19, 2017 (Scopus)

Papers Published in Refereed Scientific Meetings

- I. **INFLUENCE OF FORMULATION COMPOSITION ON CHARACTERISTIC PROPERTIES OF 5-FLUOROURACIL-LOADED LIPOSOMES**
Yalçın T. E., Yetgin C.
FIGON DMD & EUFEPS Annual Meeting 2022, Leiden, Netherlands, 01 June 2022
- II. **DEVELOPMENT, CHARACTERIZATION AND IN VITRO EVALUATION OF NANOEMULSION CONTAINING MEGESTROLACETATE**
YALÇIN T. E., TUNÇEL E., TIRNAKSIZ F. F.
3rd. International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021
- III. **Gemcitabine Hydrochloride Loaded Lipid Polymer Hybrid Nanoparticles (LPHNs): In Vivo Evaluation For Breast Cancer Therapy**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
19th International Pharmaceutical Technology Symposium (IPTS), Antalya, Turkey, 17 - 19 September 2018, pp.154-155
- IV. **Formulation Optimization Of Lipid Polymer Hybrid Nanoparticles (LPHNS) Using Central Composite Design**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
International Pharmaceutical Technology Symposium (IPTS), Antalya, Turkey, 17 - 19 September 2018
- V. **Stability of Gemcitabine Hydrochloride Loaded LPHNs on Different Storage Conditions**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018
- VI. **Stability of Gemcitabine Hydrochloride Loaded LPHNs in Phosphate Buffer Solution and Fetal Bovine Serum**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.

12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018

- VII. **Stability Studies of Gemcitabine Hydrochloride Loaded Liposomes and Nanoparticles in Various Media**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
2nd International Gazi Pharma Symposium Series, GPSS, 11 - 13 October 2017
- VIII. **Accelerated and Long-Term Stability Studies For Gemcitabine Hydrochloride Loaded Liposomes and Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
2nd International Gazi Pharma Symposium Series, GPSS, 11 - 13 October 2017
- IX. **Preparation and Characterization of Gemcitabine HCl Loaded Lipid Polymer Hybrid Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
14th European Symposium on Controlled Drug Delivery, 13 - 15 April 2016, pp.179
- X. **Preparation and Characterization of Gemcitabine HCl Loaded Lipid Polymer Hybrid Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
14th European Symposium on Controlled Drug Delivery, Egmond aan Zee, Netherlands, 13 - 15 April 2016
- XI. **The Effect of Type of Organic Phase Solvents on the Characteristics of Gemcitabine HCl Loaded Poly lactic Co Glycolic Acid Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
GPSS Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 14 November 2015
- XII. **Development and Characterization of Gemcitabine Hydrochloride Loaded Liposomes**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
AAPS Annual Meeting, World Congress in Association with the AAPS Annual Meeting and Exposition, Orlando/Florida, United States Of America, 23 - 29 October 2015
- XIII. **The Effect of Type of Organic Solvents on the Characteristics of Gemcitabine HCl Loaded Poly Lactic Co Glycolic Acid Nanoparticles**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
GPSS, "International Gazi Pharma Symposium Series", Antalya, Turkey, 12 - 15 November 2015
- XIV. **Effect of Polymer Characteristics on Particle Size And Encapsulation Efficiency**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
6th BBBB Conference on Pharmaceutical Sciences, Helsinki, Finland, 10 - 12 September 2015
- XV. **DEVELOPMENT AND EVALUATION OF GEMCITABINE HCl LOADED PLGA NANOPARTICLES**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
17 International Pharmaceutical Technology Symposium, 8 - 10 September 2014
- XVI. **Development and Evaluation of Gemcitabine HCL Loaded PLGA Nanoparticles 17th IPTS 2014 International Pharmaceutical Technology Symposium Antalya Turkey Abstract s 199 September 8 10 2014**
YALÇIN T. E., İLBASMIŞ TAMER S., TAKKA S.
17th IPTS 2014 (International Pharmaceutical Technology Symposium), 8 - 10 September 2014
- XVII. **Preparation of Theophylline Microspheres and Effect of Stirring Speed on Particle Size**
TORT S., Cin Ş., Taşhan E., YALÇIN T. E., DEĞİM Z.
International Multidisciplinary Symposium on Drug Research and Development, Turkey, 28 - 30 November 2013
- XVIII. **In Vitro Determination of Disintegration Time Of Orally Disintegrating Tablets Using a New Method**
TORT S., TUĞCU DEMİRÖZ F. N., YALÇIN T. E., Cin Ş., ÇELEBİ F. N.
10th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2012, pp.257

Supported Projects

Şenol Deniz F. S., Erdoğan Orhan İ., Kan Y., Bozkurt Güzel Ç., Yalçın T. E., Oyardı Ö., Ülger N., Project Supported by Higher Education Institutions, Türkiye'de Yetişen Bazı Tıbbi Bitkilerin Anti-Akne Aktivitelerinin Belirlenmesi ve Bitkisel Akti-Akne Ürün Formülasyonu Tasarımı, 2020 - 2022

Yalçın T. E., Emerce E., Akarca Dizakar S. Ö., Demirel M. A., Ömerođlu S., Project Supported by Higher Education Institutions, 5-Florourasil yüklü pH'ya duyarlı lipozomların meme kanseri tedavisinde kullanılmak üzere geliştirilmesi ve in vivo deęerlendirilmesi, 2019 - 2021
Yalçın T. E., TUBITAK Project, YARA-YANIK VE DİZ-EKLEM RAHATSIZLIKLARI TEDAVİSİNDE KULLANILMAK ÜZERE HIZLI ETKİLİ NANOEMÜLSİYON FORMÜLASYONLARI, 2018 - 2019

Metrics

Publication: 29
Citation (WoS): 46
Citation (Scopus): 138
H-Index (WoS): 2
H-Index (Scopus): 3

Non Academic Experience

Queen`s Üniversitesi Eczacılık Fakültesi, Doktora sonrası arařtırmacı