

Assoc. Prof. GÜLİN AMASYA ÇELİK TEN

Personal Information

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International Researcher IDs

ORCID: 0000-0002-0491-450X

Publons / Web Of Science ResearcherID: AAC-4141-2020

ScopusID: 55179468200

Yoksis Researcher ID: 120748

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), Turkey 2009 - 2014

Postgraduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Ankara University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 2001 - 2005

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Deri kanserlerinin tedavisinde uygulanmak üzere 5-florourasil içeren lipid nanopartiküllerin tasarımıyla kalite çalışmaları ve değerlendirilmeleri, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (Dr), 2014

Postgraduate, Ağız içi ülserlerinin tedavisinde kortikosteroid içeren mukoadezif ilaç taşıyıcı sistemlerin geliştirilmesi, Ankara University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji (YI) (Tezli), 2008

Research Areas

Health Sciences

Academic Titles / Tasks

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2022 - Continues

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2005 - 2022

Courses

INTRODUCTION TO PHARMACEUTICAL TECHNOLOGY, Undergraduate, 2022 - 2023

Kozmetik I, Postgraduate, 2022 - 2023

PHARMACEUTICAL TECHNOLOGY PRACTICE II, Undergraduate, 2022 - 2023
PHARMACEUTICAL TECHNOLOGY II, Undergraduate, 2022 - 2023
Kozmetik Preparatlarda Stabilité, Postgraduate, 2022 - 2023
Kozmetik I (Uygulama) , Postgraduate, 2022 - 2023
PHARMACEUTICAL TECHNOLOGY I , Undergraduate, 2022 - 2023
İlaç Ve Kozmetik Ürünler İle Tıbbi Cihazlarda Ruhsatlandırma İşlemleri, Undergraduate, 2022 - 2023
Hastane Ölçeğinde ilaç hazırlanması, Undergraduate, 2022 - 2023
PHARMACEUTICAL TECHNOLOGY PRACTICE I, Undergraduate, 2022 - 2023

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, March, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Rational design of a Nano-Antibiotic chitosan hydrogel for the bacterial infection Therapy: In vitro & ex vivo Assessments**
Amasya Çelikten G., Şengel Türk C. T., Erol H. B., Kaşkatepe B., Öncü A., Guney-Eskiler G., Çelikbay A.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.665, 2024 (SCI-Expanded)
- II. **Development and quality assessment of glutathione tripeptide loaded niosome containing carbopol emulgels as nanocosmeceutical formulations**
İnal Ö., Amasya Çelikten G., Sezgin Bayındır Z., Yüksel N.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.241, 2023 (SCI-Expanded)
- III. **Bacterial Membrane Vesicles as Smart Drug Delivery and Carrier Systems: A New Nanosystems Tool for Current Anticancer and Antimicrobial Therapy**
Aytar Çelik P., Erdogan-Gover K., Barut D., Enuh B. M., Amasya G., Sengel-Türk C. T., Derkus B., Çabuk A.
PHARMACEUTICS, vol.15, no.4, 2023 (SCI-Expanded)
- IV. **Capecitabine-loaded bacterial membrane vesicles derived from Enterococcus faecalis promotes apoptosis in HT-29 colon cancer cells**
Erdogan Gover K., Isik M., Barut D., ŞENGEL TÜRK C. T., AMASYA G., DERKUŞ B., ÇABUK A., AY TAR ÇELİK P.
Biochemical Engineering Journal, vol.189, 2022 (SCI-Expanded)
- V. **Comparative evaluation of the antifungal efficacy of sodium hypochlorite, chlorhexidine, and silver nanoparticles against Candida albicans**
ÖNCÜ A., ÇELİK TEN B., AYDIN B., AMASYA G., AÇIK L., SEVİMAY F. S.
MICROSCOPY RESEARCH AND TECHNIQUE, vol.85, no.12, pp.3755-3760, 2022 (SCI-Expanded)
- VI. **QbD based formulation optimization of semi-solid lipid nanoparticles as nano-cosmeceuticals**
AMASYA G., Ozturk C., Aksu B., Tarimci N.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.66, 2021 (SCI-Expanded)
- VII. **A study to enhance the oral bioavailability of s-adenosyl-L-methionine (SAME): SLN and SLN nanocomposite particles**
Amasya G., Ergin A. D., Cakirci O. E., Özçelikay A. T., Sezgin Bayındır Z., Yüksel N.
CHEMISTRY AND PHYSICS OF LIPIDS, vol.237, 2021 (SCI-Expanded)
- VIII. **Layer by layer assembly of core-corona structured solid lipid nanoparticles with beta-cyclodextrin polymers**
AMASYA G., BAKAR ATEŞ F., Wintgens V., Amiel C.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.592, 2021 (SCI-Expanded)
- IX. **SLN enriched hydrogels for dermal application: Full factorial design study to estimate the relationship between composition and mechanical properties**

AMASYA G., İNAL Ö., ŞENGEL TÜRK C. T.

CHEMISTRY AND PHYSICS OF LIPIDS, vol.228, 2020 (SCI-Expanded)

- X. **QbD guided early pharmaceutical development study: Production of lipid nanoparticles by high pressure homogenization for skin cancer treatment**
AMASYA G., Aksu B., BADILLI F. U., BEŞİKCİ A., Tarimci N.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.563, pp.110-121, 2019 (SCI-Expanded)
- XI. **Development of a HILIC method for the determination of 5-fluorouracil from nano drug delivery systems and rat skin extracts**
AMASYA G., GÜMÜŞTAŞ M., BADILLI F. U., ÖZKAN S. A., Tarimci N.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.154, pp.285-293, 2018 (SCI-Expanded)
- XII. **Optimization of Stability Indicating LC Method for the Sensitive In vitro Determination from Solid Lipid Nanoparticles and Ex vivo Analysis from Rat Skin of Etofenamate**
Gümüştaş M., Şengel Türk C. T., Badıllı F. U., Amasya G., Özkan S. A., Tarimci N.
CURRENT PHARMACEUTICAL ANALYSIS, vol.13, no.1, pp.63-71, 2017 (SCI-Expanded)
- XIII. **Novel Drug Delivery System for Dermal Uptake of Etofenamate: Semisolid SLN Dispersion**
BADILLI F. U., ŞENGEL TÜRK C. T., AMASYA G., Tarimci N.
CURRENT DRUG DELIVERY, vol.14, no.3, pp.386-393, 2017 (SCI-Expanded)
- XIV. **Quality by design case study 1: Design of 5-fluorouracil loaded lipid nanoparticles by the W/O/W double emulsion - Solvent evaporation method**
AMASYA G., BADILLI F. U., Aksu B., Tarimci N.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.84, pp.92-102, 2016 (SCI-Expanded)
- XV. **Skin Localization of Lipid Nanoparticles (SLN/NLC): Focusing the Influence of Formulation Parameters**
AMASYA G., Sandri G., BEŞİKCİ A., BADILLI F. U., Caramella C., Bonferoni M. C., Tarimci N.
CURRENT DRUG DELIVERY, vol.13, no.7, pp.1100-1110, 2016 (SCI-Expanded)
- XVI. **Calcipotriol-captisol inclusion complex and corticosteroid in a novel fixed dose combination: evaluation on human epidermal keratinocyte cells**
BADILLI F. U., BEŞİKCİ A., AMASYA G., Sen T., Tarimci N.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.83, no.3-4, pp.363-368, 2015 (SCI-Expanded)
- XVII. **Topical emulgel formulation containing inclusion complex of calcipotriol with cyclodextrin**
BADILLI F. U., AMASYA G., Sen T., Tarimci N.
JOURNAL OF INCLUSION PHENOMENA AND MACROCYCLIC CHEMISTRY, vol.78, no.1-4, pp.249-255, 2014 (SCI-Expanded)
- XVIII. **Simultaneous Determination of Clobetasol Propionate and Calcipotriol in a Novel Fixed Dose Emulgel Formulation by LC-UV**
BADILLI F. U., AMASYA G., ÖZKAN S. A., Tarimci N.
CHROMATOGRAPHIA, vol.76, no.3-4, pp.133-140, 2013 (SCI-Expanded)
- XIX. **Bioadhesive and mechanical properties of triamcinolone acetonide buccal gels Triamsinolon asetonit bukkal Jellerin biyoadezif ve mekanik özellikleri**
AMASYA G., KARAVANA S. Y., Şen T., BALOĞLU E., Tarimci N.
Turkish Journal of Pharmaceutical Sciences, vol.9, no.1, pp.1-11, 2012 (SCI-Expanded)
- XX. **A COMPARISON OF MECHANICAL PROPERTIES OF BUCCAL GEL FORMULATIONS BASED ON DIFFERENT BIOADHESIVE POLYMERS**
AMASYA G., KARAVANA S. Y., Sen T., BALOĞLU E., Tarimci N.
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.38, no.1, pp.105-106, 2009 (SCI-Expanded)

Articles Published in Other Journals

1. Is it possible to improve antioxidant activity of curcumin with the structure of lipid-based

nanocarriers?

AMASYA ÇELİKTEK G., Yedikaya O., BADILLI F. U., ÖZDEMİR A. N.

Journal of Research in Pharmacy, vol.27, no.2, pp.566-575, 2023 (Scopus)

- II. **Effects of chitosan-containing silver nanoparticles or chlorhexidine as the final irrigant on the bond strength of resin-based root canal sealers**
ÇELİKTEK B., AMASYA G., ÖNCÜ A., Koohnavard M., ŞAKLAR F.
Journal of Dental Research, Dental Clinics, Dental Prospects, vol.16, no.2, pp.118-122, 2022 (Scopus)
- III. **Nanofibers as implantable controlled release systems, Polymer science,**
Serim T. M., Eren Böncü T., Amasya G., Şengel Türk C. T., Özdemir A. N.
Polymer Science-PSPRJ, vol.2, no.5, 2022 (Peer-Reviewed Journal)
- IV. **Silver nanoparticles in endodontics: recent developments and applications**
ÖNCÜ A., HUANG Y., AMASYA G., SEVİMAY F. S., ORHAN K., ÇELİKTEK B.
Restorative Dentistry & Endodontics, vol.46, no.3, 2021 (Peer-Reviewed Journal)
- V. **A novel formulation strategy for skin occlusion: Semi-solid lipid nanoparticles**
AMASYA G.
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.4, pp.388-397, 2021 (ESCI)
- VI. **Recent Developments and Applications of Silver Nanoparticles in Endodontics**
ÖNCÜ A., HUANG Y., AMASYA G., SEVİMAY F. S., ORHAN K., ÇELİKTEK B.
Restorative Dentistry and Endodontics, 2021 (Peer-Reviewed Journal)
- VII. **Development and Statistical Optimization of Solid Lipid Nanoparticle Formulations of Fluticasone Propionate**
AMASYA G., ŞENGEL TÜRK C. T., Badilli U., Tarimci N.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.4, pp.359-366, 2020 (ESCI)
- VIII. **Triamcinolone acetonide buccal bilayered discs for treatment of erosive oral lichen planus: Design and in vitro characterization Erosiv oral liken planus tedavisi için triamsinolon asetonid bukkal çift tabakalı diskler: Hazırlanması ve in vitro karakterizasyonu**
Şen T., AMASYA G., Tarimci N.
Turkish Journal of Pharmaceutical Sciences, vol.12, no.2, pp.237-246, 2015 (Scopus)
- IX. **Triamcinolone Acetonide Buccal Bilayered Discs for Treatment of Erosive Oral Lichen Planus Design and In Vitro Characterization**
ŞEN A. T., AMASYA G., TARIMCI M. N.
Turkish Journal of Pharmaceutical Sciences, vol.12, no.2, pp.237-246, 2015 (Scopus)
- X. **Bioadhesive and mechanical properties of triamcinolone acetonide buccal gels**
AMASYA G., KARAVANA S. Y., ŞEN A. T., BALOĞLU E., TARIMCI M. N.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.9, no.1, pp.1-12, 2012 (Scopus)

Books & Book Chapters

- I. **Lipid nanoparticles as a cosmetic delivery system**
İNAL Ö., BADILLI F. U., AMASYA G., TARIMCI M. N.
in: Nanocosmetics: Delivery Approaches, Applications and Regulatory Aspects, Prashant Kesharwani, Sunil Kumar Dubey, Editor, Taylor and Francis, pp.307-348, 2023
- II. **Solid lipid nanoparticles-based drug delivery for dementia**
Yüksel N., Sezgin Bayındır Z., Amasya Çelikten G.
in: Nanomedicine-Based Approaches for the Treatment of Dementia, Umesh Gupta & Prashant Kesharwani, Editor, Academic Press, London, pp.115-148, 2023
- III. **Formülasyon Tasarımı ve Dozaj Formu Geliştirilmesi**
AMASYA G., ŞENGEL TÜRK C. T.
in: İlaç Keşfi ve Geliştirilmesi, Mehmet Alp, Editor, Akademisyen Yayınevi, Ankara, pp.107-131, 2021
- IV. **Nanolifler ve Eczacılıktaki Uygulamaları**

SERİM T. M., EREN BÖNCÜ T., AMASYA G., ŞENGEL TÜRK C. T., ÖZDEMİR A. N.

in: Eczacılıkta Yenilikler 3, Gülbin Özçelikay, İlkey Yıldız, Editor, Ankara Üniversitesi Yayınları, No: 698, Ankara, pp.403-424, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Gold Nanoparticle-Functionalized Paclitaxel-Loaded Nanocarriers For Enhancing Anticancer Efficacy Through Chemo-Photothermal Therapy**
SERİM T. M., AMASYA G., BAKAR ATEŞ F.
14th International Symposium on Pharmaceutical Sciences, 25 - 28 June 2024
- II. **Pickering emulsions: Development of an all-in-one dermocosmetic formulation**
Turan A. S., AMASYA G., İNAL Ö., BADILLI F. U.
14th Central European Symposium on Pharmaceutical Technology (14th CESPT), Ohrid, Macedonia, 28 September - 01 October 2023, vol.69, pp.303-304
- III. **Design and optimization of a chitosan coated nanostructured lipid carriers of paliperidone**
YEDİKAYA Ö., BADILLI F. U., AMASYA G., ÖZDEMİR A. N.
14th Central European Symposium on Pharmaceutical Technology (14th CESPT), Ohrid, Macedonia, 28 September - 01 October 2023, vol.69, pp.283-284
- IV. **EVALUATION OF DEXPANTHENOL BILAYER ORAL FILMS**
İNAL Ö., AMASYA G.
33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 2 - 06 July 2023
- V. **Nanostructured Lipid Carrier (NLC) Formulations of Paliperidone for Treatment of Schizophrenia**
YEDİKAYA Ö., AMASYA G., BADILLI F. U., ÖZDEMİR A. N.
33rd International Symposium on Pharmaceutical and Biomedical Analysis (PBA 2023), Ankara, Turkey, 2 - 06 July 2023
- VI. **Development of Salting-out Extraction Method for the Determination of Piroxicam from Polymeric Based Nanocarriers and Biological Samples**
Tok K. C., Gümüştas M., Bayram B., Amasya G., Arıoğlu İnan E., Şengel Türk C. T.
2nd European Sample Preparation e-Conference (EuSP2022), 14 - 16 March 2022, pp.1
- VII. **IN VIVO EVALUATION ON FLUTICASONE PROPIONATE LOADED SEMI-SOLID LIPID NANOPARTICLE DISPERSIONS**
BADILLI F. U., ŞENGEL TÜRK C. T., AMASYA G., ALÇIĞIR M. E., BEŞİKCİ A., AKSU N. B., TARIMCI M. N., HAZIROĞLU R.
20th International Pharmaceutical Technology Symposium – IPTS 2022, Ankara, Turkey, 21 - 23 February 2022
- VIII. **Optimization of LC Method for the Determination of Fluticasone Propionate from Drug Delivery Systems**
Tok K. C., Amasya G., Şengel Türk C. T., Badıllı F. U., Gümüştas M.
3rd International Gazi Pharma Symposium Series (GPSS2021), Kyoto, Japan, 08 September 2021
- IX. **Optimization of HPLC method for the determination of piroxicam from polymeric based nanocarriers and biological samples**
Gümüştas M., Tok K. C., Bayram B., Amasya G., Arıoğlu İnan E., Şengel Türk C. T.
31st International Symposium on Pharmaceutical and Biomedical Analysis, Kyoto, Japan, 29 August - 01 September 2021
- X. **The effect of chitosan-silver nanoparticles on resin-based bond strenght to dentine: A pilot study**
ÖNCÜ A., AMASYA G.
1st International Turkish Japanese Dental Congress, Ankara, Turkey, 24 - 26 June 2021
- XI. **Desing and evaluation of semi-solid lipid nanoparticles as novel nano-cosmeceuticals**
AMASYA G.
13th International Symposium on Pharmaceutical Sciences, Ankara (Çevrimiçi), Turkey, 22 - 25 June 2021
- XII. **Semisolid NLC dispersions: Qbd based formulation optimization and ex vivo – in vivo evaluation**

AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., AKSU N. B., BEŞİKCİ A., TARIMCI M. N.

EUFEPS Virtual Annual Meeting 2021 – Bridging the gap between the patient and product design, Sweden, 7 - 09 June 2021

- XIII. **Vitaminler, Kozmesötikler ve Formülasyon Tasarımı**
AMASYA G.
11. Kozmetik Kimyası, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 26 - 28 March 2021
- XIV. **Gümüş Nanopartiküllerin Endodontide Farklı Uygulama Yöntemlerinin Değerlendirilmesi**
ÖNCÜ A., AMASYA G., ÇELİKTE B.
5th International Hippocrates Congress on Medical and Health Sciences, Turkey, 18 December 2020
- XV. **Gümüş Nanopartiküllerin Endodonti Alanında Farklı Uygulama Yöntemlerinin Değerlendirilmesi**
ÖNCÜ A., AMASYA G., ÇELİKTE B.
5th International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 18 - 19 December 2020
- XVI. **Lipid-based nanosystems and cosmetic applications**
AMASYA G.
4th International Cosmetic Congress, Ankara, Turkey, 4 - 05 December 2020
- XVII. **Quality by design-based optimization study for 5-fluorouracil loaded solid lipid nanoparticles**
AMASYA G., AKSU N. B., BADILLI F. U., TARIMCI M. N.
78th FIP World Congress of Pharmacy and Pharmaceutical Sciences, Glasgow, United Kingdom, 2 - 06 September 2018
- XVIII. **Artificial neural network application in modern nano-drug delivery system: Optimization of solid lipid nanoparticles for dermal application**
AMASYA G., AKSU N. B., BADILLI F. U., TARIMCI M. N.
2nd International Congress and Exhibition on Pharmacy, Paris, France, 20 - 21 August 2018
- XIX. **Influence of the lipid material on physicochemical properties of solid lipid nanoparticles**
ÖZTÜRK Ç., AMASYA G., TARIMCI M. N.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XX. **Solid lipid nanoparticles for oral administration: High pressure homogenization method**
ERKAN Ö., AMASYA G., SEZGİN BAYINDIR Z., YÜKSEL N.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XXI. **Development and validation of HPLC method for simultaneous determination of betamethasone dipropionate and ketoconazole in cream formulations**
KARABULUT T. C., AMASYA G., KURBANOĞLU S., ÖZKAN S. A.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XXII. **Validation of HPLC Methods for the Analysis of Nanoparticle Based Drug Delivery Systems**
GÜMÜŞTAŞ M., AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
8-th Annual Symposium on Physical and Analytical Chemistry (8th ASPAC), Tiflis, Georgia, 28 - 29 December 2017
- XXIII. **Validation of HPLC Method for the Analysis of Nanoparticle Based Drug Delivery Systems**
GÜMÜŞTAŞ M., AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
8th Annual Symposium on Physical and Analytical Chemistry at Tbilisi State University, 28 - 29 December 2017
- XXIV. **Validation of a HILIC Method for the Analysis of 5-Fluorouracil Loaded Lipid Nanoparticles and Application to In Vitro and Ex Vivo Tests**
GÜMÜŞTAŞ M., AMASYA G., BADILLI F. U., ÖZKAN S. A., TARIMCI M. N.
East West Chemistry Conference, 12 - 14 October 2017
- XXV. **Design and Optimization of Fluticasone Propionate Loaded Solid Lipid Nanoparticles by 32 Factorial Design**
AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N.
2nd International Gazi Pharma Symposium Series (GPSS 2017), Ankara, Turkey, 11 - 13 October 2017
- XXVI. **Design and optimization of fluticasone propionate loaded solid lipid nanoparticles by factorial design**
AMASYA G., ŞENGEL TÜRK C. T., BADILLI F. U., TARIMCI M. N.
2nd International Gazi Pharma Symposium, Ankara, Turkey, 11 - 13 October 2017

- XXVII. **QbD implementation for obtaining 5-Fluorouracil loaded NLC formulation**
AMASYA G., BADILLI F. U., AKSU N. B., TARIMCI M. N.
Controlled Release Society Annual Meeting & Exposition, BOSTON, United States Of America, 16 - 19 July 2017
- XXVIII. **Optimization and validation of HPLC method for the determination of 5-fluorouracil from lipid nanoparticles and rat skin extracts**
AMASYA G., GÜMÜŞTAŞ M., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
28th Pharmaceutical and Biomedical Analysis Conference, 2 - 05 July 2017
- XXIX. **Optimization and validation of HPLC method for the determination of 5-Fluorouracil from lipid nanoparticles and rat skin extrats**
AMASYA G., GÜMÜŞTAŞ M., BADILLI F. U., TARIMCI M. N., ÖZKAN S. A.
28th International Symposium on Pharmaceutical and Biomedical Analysis, Madrid, Spain, 2 - 05 July 2017
- XXX. **Artificial intelligence based optimization of lipid nanoparticles**
AMASYA G., AKSU N. B., BADILLI F. U., TARIMCI M. N.
6th FIP Pharmaceutical Sciences World Congress, Stockholm, Sweden, 21 - 24 May 2017
- XXXI. **Formulation development and evaluation of S-Adenosyl-L-methionine loaded solid lipid nanoparticles using different lipid carriers**
ERKAN Ö., AMASYA G., SEZGİN BAYINDIR Z., YÜKSEL N.
22nd International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XXXII. **QbD guided early pharmaceutical development study: Production of lipid nanoparticles by high pressure homogenization**
AMASYA G., BADILLI F. U., AKSU N. B., TARIMCI M. N.
2nd European Conference on Pharmaceutics, Krakow, Poland, 3 - 04 April 2017
- XXXIII. **An implementation of artificial neural network: Physicochemical characterization of lipid nanoparticles**
AMASYA G., AKSU N. B., BADILLI F. U., TARIMCI M. N.
4th Conference on Innovation in Drug Delivery: Site-Specific Drug Delivery, Antibes - Juan-Les-Pins, France, 25 - 28 September 2016
- XXXIV. **Computational approaches to estimate NLC formulation: Artificial neural network**
AMASYA G., BADILLI F. U., AKSU N. B., TARIMCI M. N.
18th International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016
- XXXV. **Quality by design studies and evaluation of lipid nanoparticles containing 5-Fluorouracil in the treatment of skin cancers**
AMASYA G., TARIMCI M. N.
18th International Pharmaceutical Technology Symposium, Antalya, Turkey, 18 - 21 September 2016
- XXXVI. **Lipid Nanoparticle Based Carbopol Gel for Topical Chemotherapy of 5 Fluorouracil**
AMASYA G., BADILLI F. U., BEŞİKCİ A., TARIMCI M. N.
Skin Forum, Londrina, Brazil, 21 - 22 June 2016
- XXXVII. **Dermal behaviour of semisolid SLN dispersions of etofenamate**
BADILLI F. U., ŞENGEL TÜRK C. T., AMASYA G., TARIMCI M. N.
International Gazi Pharma Symposium, Antalya, Turkey, 12 - 15 November 2015
- XXXVIII. **Evaluation of 5-Fluorouracil loaded lipid nanoparticles for skin cancer: A quality by design approach by using artificial neural network program**
AMASYA G., BADILLI F. U., AKSU N. B., TARIMCI M. N.
2015 AAPS Annual Meeting and Exposition, Orlando, United States Of America, 25 - 29 October 2015
- XXXIX. **The combination of the best fitted emulsification method for producing SLN with the W/O/W double emulsion-solvent evaporation method**
AMASYA G., BADILLI F. U., TARIMCI M. N.
75th FIP World Congress of Pharmacy and Pharmaceutical Sciences, Düsseldorf, Germany, 29 September - 03 October 2015
- XL. **Optimization of 5-Fluorouracil loaded solid lipid nanoparticle (SLN) formulations based on artificial neural network**

AMASYA G., AKSU N. B., BADILLI F. U., TARIMCI M. N.

6th BBBB Conference on Pharmaceutical Sciences "Strategies to improve the quality and performance of modern drug delivery systems", Helsinki, Finland, 10 - 12 September 2015

- XLII. **Optimization of sensitive and selective RP LC method for the determination of etofenamate from rat skin**
AMASYA G., GÜMÜŞTAŞ M., ŞENGEL TÜRK C. T., BADİLLİ U., ÖZKAN S. A., TARIMCI M. N.
The European Conference on Analytical Chemistry 18, Euroanalysis 2015, 6 - 10 September 2015
- XLIII. **Availability of argan oil as liquid lipid in NLC formulations to improve skin hydration**
ŞEN A. T., BADILLI F. U., İNAL Ö., AMASYA G., ÖZTÜRK Ç., KEREM Ç.
ISOPS 11 (11th International Symposium on Pharmaceutical Sciences), Ankara, Turkey, 9 - 12 June 2015
- XLIV. **Preformulation studies of oral disintegrating tablet (ODT) containing flurbiprofen- B cyclodextrin complex**
MERVE TUNCA K., AMASYA G., TARIMCI M. N.
11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 12 June 2015
- XLV. **Occlusive and mechanical characteristics of etofenamate encapsulated semisolid SLN formulations**
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Metrics

Publication: 97

Citation (WoS): 225

Citation (Scopus): 309

H-Index (WoS): 8

H-Index (Scopus): 10