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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-2099-2022

ScopusID: 57202401783

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Education Information

Doctorate, Ankara University, Faculty Of Pharmacy, Department Of Pharmaceutical Technology, Turkey 2012 - 2018

Undergraduate, Ankara University, Faculty Of Pharmacy, Turkey 2006 - 2011

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, LİNEZOLİD İÇEREN BİYOPARÇALANIR NANOFİBERLERİN HAZIRLANMASI VE İN VİTRO/İN VİVO DEĞERLENDİRİLMESİ, Ankara Üniversitesi, Eczacılık Fakültesi, Farmasötik Teknoloji, 2018

Research Areas

Health Sciences, Pharmaceutics Technology

Academic Titles / Tasks

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2021 - Continues

Research Assistant PhD, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2018 - 2021

Research Assistant, Ankara University, Faculty Of Pharmacy, Department Of Pharmaceutical Technology, 2012 - 2018

Research Assistant, Erciyes University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2012 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- Formulation, Characterization and Evaluation of Minocycline Hydrochloride Loaded Polyurethane/Collagen Nanofibers via Electrospinning as Wound Dressings**

Eren Böncü T., Yücel Ç., Ceylan A., Çadır M., Şahmetlioğlu E.

DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.1, no.1, pp.1-25, 2024 (SCI-Expanded)

- II. **Electrospun nanofibers: building blocks for the repair of bone tissue**
SERİM T. M., AMASYA ÇELİKTEEN G., Eren-Boncu T., ŞENGEL TÜRK C. T., Ozdemir A. N.
BEILSTEIN JOURNAL OF NANOTECHNOLOGY, pp.941-953, 2024 (SCI-Expanded)
- III. **Electrospinning of ampicillin trihydrate loaded electrospun PLA nanofibers I: effect of polymer concentration and PCL addition on its morphology, drug delivery and mechanical properties**
Eren Böncü T., Ozdemir N.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.71, no.9, pp.669-676, 2022 (SCI-Expanded)
- IV. **Ethosomal (-)-epigallocatechin-3-gallate as a novel approach to enhance antioxidant, anti-collagenase and anti-elastase effects**
YÜCEL Ç., ŞEKER KARATOPRAK G., Yalcintas S., Boncu T. E.
BEILSTEIN JOURNAL OF NANOTECHNOLOGY, vol.13, pp.491-502, 2022 (SCI-Expanded)
- V. **Effects of drug concentration and PLGA addition on the properties of electrospun ampicillin trihydrate-loaded PLA nanofibers**
Boncu T. E., Ozdemir N.
BEILSTEIN JOURNAL OF NANOTECHNOLOGY, vol.13, pp.245-254, 2022 (SCI-Expanded)
- VI. **Electrospinning of linezolid loaded PLGA nanofibers: effect of solvents on its spinnability, drug delivery, mechanical properties, and antibacterial activities**
EREN BÖNCÜ T., Ozdemir N., Uskudar Guclu A.
DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, vol.46, no.1, pp.109-121, 2020 (SCI-Expanded)
- VII. **In vitro and in vivo evaluation of linezolid loaded electrospun PLGA and PLGA/PCL fiber mats for prophylaxis and treatment of MRSA induced prosthetic infections**
Boncu T. E., Guclu A. U., Catma M. F., Savaser A., Gokce A., Ozdemir N.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.573, 2020 (SCI-Expanded)
- VIII. **The Effects of Polymeric Molar Mass, Concentration, and Adding of Different Surfactants on The Electrospun Poly(Vinyl Alcohol) Nanofibers**
EREN BÖNCÜ T., Ozdemir N.
LATIN AMERICAN JOURNAL OF PHARMACY, vol.38, no.8, pp.1552-1561, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **DEVELOPMENT AND CHARACTERIZATION OF ASCORBIC ACID LOADED POLYELECTROLYTE CHITOSAN-GELATIN HYDROGELS**
Eren Böncü T., Yücel Ç.
ANKARA UNIVERSITESI ECZACILIK FAKULTESI DERGISI, vol.47, no.3, pp.719-730, 2023 (Scopus)
- II. **FABRICATION AND CONTROLLING MORPHOLOGY OF POLYETHYLENE OXIDE/SODIUM ALGINATE BEADS AND/OR FIBERS: EFFECT OF VISCOSITY AND CONDUCTIVITY IN ELECTROSPINNING**
Eren Böncü T.
ANKARA UNIVERSITESI ECZACILIK FAKULTESI DERGISI, vol.47, no.2, pp.420-429, 2023 (Scopus)
- III. **Nanofibers As Implantable Controlled Release Systems**
Serim T. M., Eren Böncü T., Amasya G., Şengel Türk C. T., Özdemir A. N.
Polymer Science: Peer Review Journal, vol.2, no.5, pp.1-4, 2022 (Peer-Reviewed Journal)
- IV. **Gallic acid-loaded microemulsion and microemulsion gel: Development, characterization, and evaluation of antioxidant effectiveness**
Eren Böncü T., Yücel Ç., Şeker Karatoprak G., Takır E.
Indian Journal of Natural Products and Resources, vol.12, no.1, pp.128-135, 2021 (ESCI)
- V. **Antioksidan Etkili Rutin İçeren Mikroemülsiyon ve Mikroemülsiyon Jel Formülasyonlarının Geliştirilmesi, Karakterizasyonu ve Etkinliğinin İncelenmesi**

YÜCEL Ç., EREN BÖNCÜ T., ŞEKER KARATOPRAK G., AKPOLAT R. N.

Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.10, no.3, pp.302-309, 2020 (Peer-Reviewed Journal)

VI. **Kitozan filmlerden hidrofobik etkin madde salımı üzerine etki eden parametrelerin incelenmesi**

Eren Böncü T., Özdemir A. N.

Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.38, no.2, pp.122-128, 2018 (Scopus)

Books & Book Chapters

I. **Türk Farmakopesi 2023**

Eren Böncü T.

Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2023

II. **Hücre Bazlı Nanotaşıyıcı Sistemler-Eksozomlar**

EREN BÖNCÜ T.

in: 21. YÜZYILIN MODERN İLAÇ TAŞIYICI SİSTEMLERİ, ERGİN Ahmet Doğan, İNAL Özge, Editor, Akademisyen

Kitabevi, Ankara, pp.31-58, 2023

III. **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, İlkay Yıldız, Editor, Ankara Üniversitesi Yayınları, Ankara, pp.403-424, 2020

Refereed Congress / Symposium Publications in Proceedings

I. **Production and Characterization of Lysozyme Loaded PLGA Nanoparticles by Microfluidic System**

Bezelya A., Küçüktürkmen B., Eren Böncü T., Bozkr A.

21st International Pharmaceutical Technology Symposium (IPTS 2024), Ankara, Turkey, 9 - 11 September 2024, pp.142

II. **DEVELOPMENT AND CHARACTERIZATION OF LENALIDOMIDE LOADED LIPOSOME AND NANOCOCHLEATE FOR THE TREATMENT OF BREAST CANCER**

Eren Böncü T., Yücel Ç.

14th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 25 - 28 June 2024, pp.90

III. **DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF TOXICITY OF AMPICILLIN TRIHYDRATE LOADED CHITOSAN-GELATIN LYOPHILISED SCAFFOLDS FOR WOUND HEALING**

Eren Böncü T., Uslu S. T., Yücel Ç.

ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VIII, Ankara, Turkey, 9 - 11 June 2023, pp.810-812

IV. **Formulation and Characterization of Ketoprofen Loaded Polycaprolactone, Eudragit S100 and EudragitS100/Polycaprolactone Nanoparticles**

EREN BÖNCÜ T., AKSU E. B.

5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES (EURASIANBIOCHEM 2022), Ankara, Turkey, 23 November 2022, pp.219

V. **Development, Characterization and Evaluation of Antidiabetic Effects of Resveratrol and Insulin Loaded Eudragit S100 Microparticles**

Eren Böncü T., Yücel Ç.

III. International Science and Innovation Congress, Kayseri, Turkey, 9 - 12 June 2022, pp.17-18

VI. **Fibers, Beads and Beaded-fibers: Controlling the Morphology of Electrospun Mats for Different Concentrations of Poly(ethylene oxide) using Electrospinning**

Eren Böncü T.

International Congress on Medicine Life Science and Healthcare (UTYAB), 21 - 23 February 2022, pp.13-21

VII. **The effect of type and concentration of chitosan on the electrospun poly(caprolacton) nanofibers**

EREN BÖNCÜ T., ÖZDEMİR A. N.

12th International Symposium on Pharmaceutical Sciences (ISOPS), 26 June 2018 - 29 June 2019

VIII. **The effect of anionic, cationic and nonionic surfactants on the electrospun poly(vinyl alcohol) 50000 nanofibers**

ÖZDEMİR A. N., EREN T.

16.Int.Conference and exhibition on pharmaceutical formulations Rome, Italy, 26 July 2018

IX. **The effect of surfactants type and concentrations on the electrospun poly(vinyl alcohol) nanofibers**

EREN BÖNCÜ T., ÖZDEMİR A. N.

11th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (PBP), Granada, Nicaragua, 19 - 22 March 2018

X. **Enhancement of dissolution rate of methylprednisolone by complexation with different type of cyclodextrin**

EREN T., ILGIN G., ÖZDEMİR A. N.

3rd International Conference on New Trends in Chemometrics and Applications (NTCA), 25 - 28 May 2016

XI. **EVALUATION OF FLURBIPROFEN LOADED POLYCAPROLACTONE MICROPARTICLES AND CHITOSAN FILMS CONTAINING THESE PARTICLES**

SERİM T. M., KIRAN M., EREN BÖNCÜ T., ÖZDEMİR A. N.

Innovation In Drug Delivery: Advances in Local Drug Delivery, Pisa, Italy, 22 - 25 September 2012

XII. **COMPARATIVE STUDY OF LOSARTAN POTASSIUM RELEASE FROM MATRIX TABLETS WITH KOLLIDON SR OR ETHYLCELLULOSE**

ERGİN A. D., EREN BÖNCÜ T., TURHAN F., ŞENGEL TÜRK C. T., HASÇİÇEK C.

Innovation in Drug Delivery: Advances in Local Drug Delivery, Pisa, Italy, 22 - 25 September 2012

Supported Projects

Eren Böncü T., Yücel Ç., Şahmetlioğlu E., Ceylan A., Çadır M., Project Supported by Higher Education Institutions, Yara Örtüsü Olarak Kullanılmak Üzere Minosiklin Hidroklorür İçeren Yenilikçi Nanofiber Formülasyonların Gelistirilmesi Karakterizasyonu Ve Etkinliğinin Değerlendirilmesi, 2022 - 2024

Eren Böncü T., Yücel Ç., TÜBİTAK Project, Yara Örtüsü Olarak Kullanılmak Üzere Minosiklin İçeren Kollajen/Poliüretan Nanofiberlerin Elektroelme Yöntemiyle Geliştirilmesi Ve Karakterizasyonu, 2023 - 2023

Eren Böncü T., Kahraman E., Uslu S. T., TÜBİTAK Project, Linezolid İçeren Kitozan-Jelatin Biyouyumlu Yara Örtülerinin Geliştirilmesi ve Karakterizasyonu, 2023 - 2023

Eren Böncü T., Aksu E. B., TÜBİTAK Project, Kontrollü Salım Yapan Ketoprofen İçeren Eudragit S100 ve Polikaprolakton Mikropartikül Formülasyonlarının Hazırlanması ve Karakterizasyonu, 2022 - 2023

YÜCEL Ç., ŞEKER KARATOPRAK G., EREN BÖNCÜ T., YALÇINTAŞ S., Project Supported by Higher Education Institutions, Kozmetik alanında kullanıma yönelik güçlü antioksidan etkili etozomal formülasyonların geliştirilerek etkinliğinin incelenmesi, 2020 - 2021

Eren Böncü T., Özdemir A. N., Üsküdar Güçlü A., Çatma M. F., Savaşer A., TÜBİTAK Project, Antibiyotik Yüklü İmplant Biyodegradabl Nanofiberlerin Ortopedik Protez Enfeksiyonu Tedavisinde Kullanımının Ratlarda In Vivo Değerlendirilmesi, 2017 - 2019

Eren Böncü T., Özdemir A. N., Project Supported by Higher Education Institutions, Investigation of Parameters Affecting the Effect of In vitro Release From Implantable Rifampicin and Vancomycin Loaded Nanofibers, 2016 - 2018

Metrics

Publication: 29

Citation (WoS): 21

Citation (Scopus): 59

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