

Asst. Prof. Sıla GÜLBAĞ PINAR

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, -, Turkey 2014 - 2020

Undergraduate, Suleyman Demirel University, Eczacılık Fakültesi, -, Turkey 2008 - 2013

Associate Degree, Anadolu University, Open Education Faculty, Sağlık Kurumları İşletmeciliği, Turkey 2010 - 2012

Dissertations

Doctorate, Siklosporinin Yeni Oral Nanoformülasyonunun Geliştirilmesi Ve İn Vitro/ İn Vivo Değerlendirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, -, 2020

Research Areas

Pharmaceutical Technology

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - Continues

Academic and Administrative Experience

Birim Kalite Komisyonu Üyesi, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - Continues

Head of Department, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - Continues

Mevlana Exchange Program Coordinator, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - 2021

Farabi Coordinator, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - 2021

Erasmus Coordinator, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - 2021

Vice Dean, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2020 - 2021

Courses

Pharmaceutical Technology Laboratory IV, Undergraduate, 2021 - 2022
Dosage Forms in Pharmacy, Undergraduate, 2021 - 2022
Pharmaceutical Technology II, Undergraduate, 2021 - 2022, 2020 - 2021
Pharmaceutical Nanotechnology, Postgraduate, 2021 - 2022
Cosmetology, Undergraduate, 2021 - 2022
Pharmaceutical Technology Laboratory IV, Undergraduate, 2021 - 2022
Pharmaceutical Technology Laboratory II, Undergraduate, 2021 - 2022, 2020 - 2021
Controlled Drug Delivery Systems, Postgraduate, 2021 - 2022
Multi Phase Systems , Undergraduate, 2020 - 2021
Research Methods Techniques, Undergraduate, 2021 - 2022
Pharmaceutical Technology III, Undergraduate, 2021 - 2022
Internship II, Undergraduate, 2021 - 2022
Cultural and Social Activities in Pharmacy, Undergraduate, 2021 - 2022, 2020 - 2021
Pharmaceutical Technology Laboratory I, Undergraduate, 2021 - 2022, 2020 - 2021
Internship I, Undergraduate, 2021 - 2022
Community Service Practices in Pharmacy, Undergraduate, 2021 - 2022
Preformulation, Postgraduate, 2021 - 2022
Pharmaceutical Technology I, Undergraduate, 2021 - 2022, 2020 - 2021
Pharmaceutical Technology Laboratory III, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Possible Protective Effect of Boric Acid in an Alkaline-Induced Corneal Neovascularization Rat Model**
KARACA U., GÜLBAĞ PINAR S., SAVRAN M., USTA SOFU G., İLHAN İ., ÖZKAYA D., AVCI M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.12, pp.5127-5133, 2022 (SCI-Expanded)
- II. **A new nanosuspension prepared with wet milling method for oral delivery of highly variable drug Cyclosporine A: development, optimization and in vivo evaluation**
Pinar S., CANPINAR H., TAN Ç., Çelebi N.
European Journal of Pharmaceutical Sciences, vol.171, 2022 (SCI-Expanded)
- III. **Development of cyclosporine A nanosuspension: cytotoxicity and permeability on Caco-2 cell lines**
Pinar S., PEZİK E., MUTLU AĞARDAN N. B., Celebi N.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.27, no.1, pp.52-62, 2022 (SCI-Expanded)
- IV. **New perspective to develop memantine orally disintegrating tablet formulations: SeDeM expert system**
Gulbag S., Usta D. Y., Gultekin H. E., Oktay A. N., Demirtas O., Karakucuk A., Celebi N.
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.23, no.5, pp.512-519, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Optimization and evaluation of cyclosporine A nanosuspension stabilized by combination stabilizers using high pressure homogenization method**
Pinar S., Celebi N.
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.6, pp.1009-1021, 2019 (ESCI)
- II. **Cyclosporine A and New Approaches to Cyclosporine A Formulations**
GÜLBAĞ S., ÇELEBİ F. N.
FABAD Journal of Pharmaceutical Sciences, 2017 (Scopus)

Books & Book Chapters

I. Current Formulation Approaches in Nutraceuticals

Gülbağ Pınar S.

in: Nutraceuticals, Şahver Ege KİŞMİOĞULLARI, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.102-106, 2021

Refereed Congress / Symposium Publications in Proceedings

I. Evaluation of Biochemical and Immunological Parameters of New Developed Cyclosporine A Nanosuspension

Gülbağ Pınar S., Fidan H. K., Tan Ç., Çelebi F. N.

20th International Pharmaceutical Technology Symposium (IPTS 2022), Ankara, Turkey, 21 - 23 February 2022, pp.105-107

II. Memantine Loaded PLGA Nanoparticles for Alzheimer's Disease Part-1: In-vitro Characterization

Tezel G., Reçber T., Timur S. S., Nemitli E., Gülbağ Pınar S., Eroğlu H.

20th International Pharmaceutical Technology Symposium (IPTS 2022), Ankara, Turkey, 21 - 23 February 2022, pp.211-213

III. Covid-19 Tedavisinde Kullanılan Antiviral İlaçların Biyofarmasötik Yönden Değerlendirilmesi

Gülbağ Pınar S., Çelebi F. N.

3. Ulusal Sağlık Hizmetleri Sempozyumu, Isparta, Turkey, 19 - 20 November 2021, pp.103-106

IV. The Effects of a New Cyclosporine A Nanosuspension on Nephrotoxicity After Oral Administration: HK-2 Cell Culture and In Vivo Histopathological Evaluation

Gülbağ Pınar S., Mutlu Ağardan N. B., Işık Gönül İ., Çelebi F. N.

Gazi Pharma Sempodium Series (GPSS) 3, Ankara, Turkey, 8 - 10 September 2021, pp.31-32

V. Reçete Türleri ve Beşeri İlaç Şekillerine Kavramsal Yaklaşım - Conceptual Approach to Prescription Types And Human Drug Forms

Gülbağ Pınar S.

I. Uluslararası İlaç ve Eczacılık Hukuku Kongresi, Ankara, Turkey, 4 - 05 September 2021, pp.2-3

VI. Immunological Effects of A New Developed Cyclosporine A Nanosuspension in Rats for Oral Administration

Gülbağ Pınar S., Tan Ç., Atak Yücel A., Çelebi F. N.

13th International Symposium on Pharmaceutical Sciences (ISOPS-13), Ankara, Turkey, 22 - 25 June 2021, pp.48-49

VII. Cyclosporine A nanosuspension prepared with wet milling method using combined stabilizers: Pharmacokinetic and immunological evaluation in rats

Gülbağ Pınar S., Canpınar H., Çelebi F. N.

EUFEPS Annual Meeting 2021: Bridging the Gap Between the Patient and the Product Design, Gothenburg, Sweden, 7 - 09 June 2021, pp.35

VIII. Evaluation of Dissolution Properties of Cyclosporine a Nanosuspensions Prepared with Two Different Top Down Technologies

Gülbağ S., Mutlu Ağardan N. B., Çelebi F. N.

8th BBBB Conference on Pharmaceutical Sciences, İzmir, Turkey, 14 - 16 October 2019, pp.85-86

IX. The Effects of Process Parameters of the Cyclosporine A Nanosuspension Produced by Wet Milling Stabilized with Hydroxypropyl methylcellulose

Gülbağ Pınar S., Karaküçük A. E., Mutlu Ağardan N. B., Çelebi F. N.

The 2019 Controlled Release Society Annual Meeting & Exposition (CRS 2019), Valencia, Spain, 21 - 24 July 2019

X. Development and Evaluation of Nanosuspension Formulations for Poorly Soluble Drugs Using Top Down Technologies

Gülbağ Pınar S., Oktay A. N., Çelebi F. N.

International Multidisciplinary Symposium on Drug Research and Development (DRD 2019), Malatya, Turkey, 1 -

03 July 2019, pp.92-94

- XI. **Cyclosporine A Nanosuspension Produced by Wet Media Milling Method: Development and Characterization**
Gülbağ Pınar S., Çelebi F. N.
EUFEPS Annual Meeting 2019: Personalized Medicines, Targeted Therapies, Precision Drug Delivery, Frankfurt, Germany, 6 - 08 March 2019, pp.115-116
- XII. **Preformulation studies of cyclosporine A nanosuspension stabilized by hydroxypropyl methylcellulose and soluplus**
GÜLBAĞ S., KARAKÜÇÜK A. E., MUTLU AĞARDAN N. B., Çelebi N.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XIII. **Top down production of cyclosporine A nanosuspensions: Formulation design and characterization for oral delivery**
GÜLBAĞ S., KARAKÜÇÜK A. E., MUTLU AĞARDAN N. B., ÇELEBİ N.
EUFEPS Annual Meeting 2018, Atina, Greece, 24 - 26 May 2018
- XIV. **Preparation and characterization of cyclosporine A nanosuspensions for oral administration II: The effect of Poloxamer types on physical stability of formulations**
GÜLBAĞ S., KARAKÜÇÜK A. E., MUTLU AĞARDAN N. B., Çelebi F. N.
11th WORLD MEETING on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Granada, Nicaragua, 19 - 21 March 2018
- XV. **Preparation and characterization of cyclosporine nanosuspension for oral administration I: Effects of formulation parameters**
GÜLBAĞ S., KARAKÜÇÜK A. E., ÇELEBİ F. N.
GPSS International Gazi Pharma Symposium Series 2, 11 - 13 October 2017
- XVI. **NEW PERSPECTIVE FOR MEMANTINE ORALLY DISINTEGRATING TABLET SEDEM EXPERT SYSTEM**
OKTAY A. N., GÜLBAĞ S., YILMAZ USTA D., GÜLTEKİN H. E., KARAKÜÇÜK A. E., ÇELEBİ F. N.
Gazi Pharma Semposium Series, Antalya, Turkey, 12 - 15 November 2015, pp.89
- XVII. **Bir Farmasötik Ürün Olarak Diş Macunu**
GÜLBAĞ S., SARIKÜRKÜ C., GÖKÇE B.
Ulusal Reçete Dışı Farmasötik Ürünler ve Medikal Malzemeler Kongresi, Girne, Cyprus (Kktc), 13 - 16 November 2014
- XVIII. **Determination of Antioxidant Activity of Asplenium Ceterach Subsp Asplenium**
SARIKÜRKÜ C., GÜLBAĞ S., GÖKÇE B.
4.th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4), İstanbul, Turkey, 18 - 21 September 2014
- XIX. **Sonchus asper L Hill Bitkisinin Antioksidan Aktivitesinin Belirlenmesi**
SARIKÜRKÜ C., GÖKÇE B., GÜLBAĞ S.
21. Ulusal Biyoloji Öğrenci Kongresi, Trabzon, Turkey, 1 - 05 September 2014

Supported Projects

Gülbağ Pınar S., Çoban Ö., Yılmaz Usta D., Project Supported by Higher Education Institutions, Türkiye İlaç Pazarında Bulunan Montelukast Sodyum İçeren Tabletlerde USP Çözünme Ortamı ve Biyoyoumlu Ortamlar için Çözünme Özelliklerinin Değerlendirilmesi, 2021 - 2022

Gülbağ Pınar S., Cengiz R. N., TUBITAK Project, Uçuk Tedavisinde Kullanılmak Üzere Antiviral Etkin Madde İçeren Dudak Balımı (Lip Balm) Formülasyonunun Geliştirilmesi, 2021 - 2022

İlbasmış Tamer S., TUBITAK Project, 2017 - 2019

Gülbağ Pınar S., Çelebi F. N., Mutlu Ağardan N. B., Karaküçük A. E., Atak Yücel A., Fidan H. K., Işık Gönül İ., Canpınar H., Project Supported by Higher Education Institutions, Siklosporinin Yeni Oral Nano Formülasyonunun Geliştirilmesi ve İn vitro/İn vivo Değerlendirilmesi, 2017 - 2019

Scientific Refereeing

Düzce Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, October 2021

ANKARA ÜNİVERSİTESİ ECZACILIK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, July 2021

Gazi Sağlık Bilimleri Dergisi, National Scientific Refreed Journal, March 2021

SÜLEYMAN DEMİREL ÜNİVERSİTESİ TIP FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, February 2021

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, August 2020

JOURNAL OF RESEARCH IN PHARMACY (ONLINE), National Scientific Refreed Journal, June 2020

Metrics

Publication: 26

Citation (WoS): 3

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1