

Res. Asst. SEVAL OLĞAÇ

Personal Information

Email: sevalolgac@gazi.edu.tr

Web: <https://avesis.gazi.edu.tr/seval.olgac>

International Researcher IDs

ORCID: 0000-0001-8876-9268

Publons / Web Of Science ResearcherID: JFK-0738-2023

ScopusID: 57211334881

Yoksis Researcher ID: 401741

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Turkey 2017 - Continues

Undergraduate, Ankara University, Eczacılık Fakültesi, Turkey 2012 - 2017

Research Areas

Pharmaceutics Technology, Pharmaceutical Biotechnology, Pharmaceutical Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development and pharmacokinetic evaluation of Neusilin® US2-based S-SNEDDS tablets for bosentan: Fasted and fed states bioavailability, IVIS® real-time biodistribution, and ex-vivo imaging**
Yılmaz Usta D., Olgac S., Timur B., Teksin Z. Ş.
International Journal of Pharmaceutics, vol.643, 2023 (SCI-Expanded)
- II. **Comparison of tablet splitting techniques for dosing accuracy of nebivolol tablets: Hand splitting versus tablet cutter and knife**
Olgac S., Usta D. Y., İNCEÇAYIR T.
SAUDI PHARMACEUTICAL JOURNAL, vol.29, no.12, pp.1486-1491, 2021 (SCI-Expanded)
- III. **Role of Surfactants on Dissolution Behavior of Tamoxifen**
İNCEÇAYIR T., Olgac S., Usta D. Y., TEKSİN Z. Ş.
DISSOLUTION TECHNOLOGIES, vol.28, no.2, 2021 (SCI-Expanded)
- IV. **pH-dependent dissolution behavior of a weakly basic BCS class II drug, clopidogrel**
İnceçayır T., Olğaç S., Yıldız A., Saar S., Kodan E.
Latin American Journal of Pharmacy, vol.38, no.10, pp.1921-1928, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development and Evaluation of Sustained Release Tablet Formulations of Venlafaxine Hydrochloride**
Tort S., Kodan Akça E., Olğaç S., Saar S., Yıldız A., Ünal İ. S., Özdal Z. D., Tuğcu Demiröz F. N.
Sağlık bilimlerinde değer (Online), vol.12, no.1, pp.28-35, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of Recombinant Human Interleukin-2 Loaded Double Nanoemulsions Using Microfluidizer® for Oral Drug Delivery**
OLĞAÇ S., TEKSİN Z. Ş.
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024
- II. **Evaluation of EXE-loaded SNEDDS using simultaneous lipolysis/ex-vivo permeability and lipolysis/in situ single-pass intestinal perfusion method**
Timur B., Olğaç S., Yılmaz Usta D., Demirel M. A., Teksin Z. Ş.
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024
- III. **Exploring Protease Enzyme Selection for Protein-Structured Active Ingredient Loaded Drug Formulation with Molecular Dynamics Simulations**
OLĞAÇ S., OLĞAÇ A., TEKSİN Z. Ş.
21st International Pharmaceutical Technology Symposium, Ankara, Turkey, 9 - 11 September 2024
- IV. **Histology and Pharmacodynamic Echocardiography Studies of Bosentan-Loaded SNEDDS and S-SNEDDS: New Oral Drug Delivery Systems for Pulmonary Arterial Hypertension**
YILMAZ USTA D., OLĞAÇ S., DEMİREL M. A., KULA S., KAVGACI A., SEZGİNER P., ELMAS Ç., TEKSİN Z. Ş.
EUFEPS Annual Meeting 2023, Lisbon, Portugal, 31 May - 02 June 2023
- V. **Screening and Assessment of Excipients for Nanoemulsion Formulations of İnterleukin-2 with Computational Studies**
Olğaç S., Olğaç A., Teksin Z. Ş.
EUFEPS Annual Meeting 2023, Lisbon, Portugal, 31 May - 02 June 2023
- VI. **Solid-State Characterization Studies of Bosentan-Loaded Solid Self-Nanoemulsifying Drug Delivery System (S-SNEDDS) Comprising of Neusilin® US2**
YILMAZ USTA D., OLĞAÇ S., TEKSİN Z. Ş.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Turkey, 8 - 10 September 2021
- VII. **Development and Validated of UV Spectrophotometric and HPLC Method of Bosentan Monohydrate for In Vitro and Ex-Vivo Samples**
YILMAZ USTA D., OLĞAÇ S., TEKSİN Z. Ş.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Turkey, 8 - 10 September 2021
- VIII. **Comparison of Tablet Splitting Techniques for Dosing Accuracy of Nebivolol Tablets: Hand Splitting Versus Tablet Cutter and Knife**
OLĞAÇ S., YILMAZ USTA D., İNCEÇAYIR T.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Turkey, 8 - 10 September 2021
- IX. **Structure-Guided Selection of Suitable Nanoemulsion Formulation Components for a Recombinant Form of Human Interleukin-2 (Aldesleukin)**
OLĞAÇ S., OLĞAÇ A., İNCEÇAYIR T., TEKSİN Z. Ş.
3rd International Gazi Pharma Symposium Series (GPSS-2021), Ankara, Turkey, 8 - 10 September 2021
- X. **Validated HPLC Method for the Determination of Tenofovir and its Application for In-Vitro and Ex-Vivo Investigations of Tenofovir Loaded Double Nanoemulsion**
Olğaç S., Yılmaz Usta D., Erman N. A., İnceçayır T., Teksin Z. Ş.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021
- XI. **Modeling and comparison of in vitro dissolution profiles of naproxen sodium tablets in biorelevant media**
OLĞAÇ S., YILMAZ USTA D., DEMİRDAŞ B., ERMAN N. A., TEKSİN Z. Ş.
13th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 22 - 25 June 2021

- XII. **Evaluation of In-vitro Dissolution Ex-vivo Permeability of Tenofovir Double Nanoemulsion Produced with the High Energy Method for Oral Drug Administration**
Olğaç S., Yılmaz Usta D., İnceçayır T., Teksin Z. Ş.
EUFEPS Annual Meeting 2021, Stockholm, Sweden, 7 - 09 June 2021, pp.65-66
- XIII. **Production of Different Nanoemulsions with High Energy Method for Oral Drug Delivery**
Olğaç S., İnceçayır T., Teksin Z. Ş.
12th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Vienna, Austria, 11 - 14 May 2021
- XIV. **Evaluation of Fasted and Fed State Intestinal In Vitro Lipolysis Test for Bosentan Loaded Lipid-Based Drug Delivery Systems**
TİMUR B., OLĞAÇ S., YILMAZ USTA D., TEKSİN Z. Ş.
8th BBBB International Conference on Pharmaceutical Science, İzmir, Turkey, 14 - 16 October 2019
- XV. **Development and Characterization of Bosentan Loaded Solid Self Nanoemulsifying Drug Delivery System (S-SNEDDS)., Çeşme-İzmir, Türkiye**
YILMAZ USTA D., OLĞAÇ S., TEKSİN Z. Ş.
8th BBBB International Conference on Pharmaceutical Science, İzmir, Turkey, 14 - 16 October 2019
- XVI. **Role of Surfactants and pH on Dissolution Behavior of Tamoxifen, a Weakly Basic BCS Class II Drug**
OLGAÇ S., YILMAZ USTA D., İNCEÇAYIR T., TEKSİN Z. Ş.
AAPS PharmSci 360 Annual Meeting, Walter E. Washington Convention Center, Washington DC, USA, November 4-7, 2018, Washington, Kiribati, 4 - 08 November 2018
- XVII. **Modeling and Comparison of In-Vitro Dissolution Profiles of Tamoxifen Citrate Immediate Release Tablets**
YILMAZ USTA D., OLGAÇ S., İNCEÇAYIR T., TEKSİN Z. Ş.
19th International Pharmaceutical Technology Symposium (IPTS 2018), Antalya, Turkey, p: 168-169, September 17-19, 2018, Antalya, Turkey, 17 - 19 September 2018, pp.168-169
- XVIII. **pH-Dependent Dissolution Behavior Of a Weakly Basic BCS Class II Drug, Clopidogrel**
OLĞAÇ S., YILDIZ A., SAAR S., KODAN E., İNCEÇAYIR T.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018
- XIX. **Development and Evaluation of Extended Release Tablet Formulations of Venlafaxine Hydrochloride**
SAAR S., YILDIZ A., ÜNAL İ. S., ÖZDAL Z. D., OLĞAÇ S., KODAN E., DURAN C., TORT S., TUĞCU DEMİRÖZ F. N.
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018

Supported Projects

Teksin Z. Ş., Demirci H., Dinler Doğanay G., Olğaç A., Olğaç S., Kulakman C., Project Supported by Higher Education Institutions, Aldeslökkinin lipit formülasyonunda kullanılacak yardımcı maddelerin hesaplamalı ve deneysel olarak belirlenmesi, 2023 - 2026

Teksin Z. Ş., Bilensoy E., Canpınar H., Olğaç A., Varan G., TUBITAK Project, Böbrek Kanseri Tedavisi İçin Moleküler Dinamik Simülasyonlar Kullanılarak Rekombinant İnsan İnterlökin-2 İçeren Oral Nano İlaç Taşıyıcı Sistemlerin Geliştirilmesi ve İn Vitro - İn Vivo Değerlendirilmesi, 2023 - 2026

Teksin Z. Ş., Elmas Ç., Kula S., Sezginer P., TUBITAK Project, Katı Kendiliğinden Emülsifiye İlaç Taşıyıcı Sistemlerin Geliştirilmesi Ve İn Vitro - İn Vivo Değerlendirmeler, 2018 - 2022

Memberships / Tasks in Scientific Organizations

Ankara Eczacı Odası, Member, 2022 - Continues, Turkey

Farmasötik Bilimler Ankara Derneği (FABAD), Member, 2018 - Continues, Turkey

Türk Farmasötik Teknoloji Araştırmacıları Derneği (TÜFTAD), Member, 2018 - Continues, Turkey

Association de Pharmacie Galénique Industrielle (APGI), Member, 2021 - 2022, France

American Association of Pharmaceutical Scientists (AAPS), Member, 2018 - 2019, United States Of America

Metrics

Publication: 24

Citation (WoS): 13

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

Tübitak 2250-Lisansüstü Bursları Performans Programı, 2024 - 1. Dönem, TUBITAK, 2023 - 2024

Tübitak 2250-Lisansüstü Bursları Performans Programı, 2023 - 2. Dönem , TUBITAK, 2023 - 2023

Tübitak 2211-C Burs Programı: Öncelikli Alanlara Yönelik Yurt İçi Doktora Burs Programı 2019 - 3, TUBITAK, 2019 - 2022

100/2000 YÖK Doktora Bursu: Farmasötik Biyoteknoloji ve İlaç Tasarımı , YOK, 2017 - 2021

Representation and Promotion Activities

Institutional Promotion, Gazi Üniversitesi Eczacılık Fakültesi, Turkey, Ankara, 2024 - 2024