

## Asst. Prof. ZELİHA DUYGU ÖZDAL

### Personal Information

Web: <https://avesis.ebyu.edu.tr/zeliha.ozdal>

### International Researcher IDs

ORCID: 0000-0001-5273-3407

ScopusID: 57208795727

Yoksis Researcher ID: 276035

### Education Information

Doctorate, Gazi University, Farmasötik Tekoloji, Turkey 2017 - 2023

Undergraduate, Erciyes University, Eczacılık Fakültesi, Eczacılık, Turkey 2011 - 2016

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, DENEY HAYVANLARI ARAŞTIRMA VE ETİK, GAZİ ÜİVERSİTESİ TIP FAKÜLTESİ  
DENEY HAYVANLARI ARAŞTIRMA MERKEZİ, 2017

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Biotechnology,  
Pharmaceutical Technology, Biopharmaceutical and Pharmacokinetics, Cosmetology

### Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yildirim University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2024 - Continues

Research Assistant, Gazi University, Sağlık Bilimleri Enstitüsü, ECZACILIK TEKNOLOJİSİ, 2019 - 2024

Research Assistant, Erzincan Binali Yildirim University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - 2024

### Courses

Farmasötik Teknoloji-4, Undergraduate, 2024 - 2025

İlk Yardım, Undergraduate, 2024 - 2025

Farmasötik Teknoloji-1 Uygulama, Undergraduate, 2023 - 2024

Üniversite Yaşamına Uyum, Undergraduate, 2024 - 2025

Farmasötik Teknoloji Uygulama-4, Undergraduate, 2024 - 2025

Mezuniyet Araştırma Prpjesi, Undergraduate, 2024 - 2025

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Limited cellular uptake of liposomes: Might thiolated phospholipids hold the key?**  
Stengel D., ÖZDAL Z. D., Truszkowska M., Saleh A., Seybold A., Bernkop-Schnürch A.  
International Journal of Pharmaceutics, vol.667, 2024 (SCI-Expanded)
- II. **Development and characterization of polymeric nanoparticles containing ondansetron hydrochloride as a hydrophilic drug**  
ÖZDAL Z. D., Gültekin Y., VURAL İ., TAKKA S.  
Journal of Drug Delivery Science and Technology, vol.74, 2022 (SCI-Expanded)
- III. **Synthesis of gold and silver nanoparticles using flavonoid quercetin and their effects on lipopolysaccharide induced inflammatory response in microglial cells**  
ÖZDAL Z. D., ŞAHMETLİOĞLU E., NARİN İ., CUMAOĞLU A.  
3 Biotech, vol.9, no.6, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Development and Evaluation of Sustained Release Tablet Formulations of Venlafaxine Hydrochloride**  
TORT S., KODAN E., olğaç s., SAAR S., yıldız a., ünäl i. s., ÖZDAL Z. D., TUĞCU DEMİRÖZ F. N.  
Sağlık bilimlerinde değer (Online), vol.12, no.1, pp.28-35, 2022 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Nanopartikül Toksisitesine Güncel Bir Bakış**  
Özçelik İ., Özdal Z. D., Yıldıztekin K. G.  
in: Eczacılıkta Güncel Araştırmalar III, , Editor, Akademisyen Yayınevi Kitabevi, Ankara, pp.93-110, 2024
- II. **Farmasötik Teknoloji Laboratuvar Kitabı**  
ÖZDAL Z. D., ACARTÜRK F., İLBASMIŞ TAMER S., SAAR S., TUĞCU DEMİRÖZ F. N., TORT S., TAKKA S., İNCEÇAYIR T., MUTLU AĞARDAN N. B., AYDOĞDUOĞLU Ş., et al.  
Gazi Üniversitesi Yayınları, Ankara, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **PREPARATION AND IN VITRO CHARACTERIZATION OF ONDANSETRON HYDROCHLORIDE LOADED LIPOSOME FORMULATIONS**  
ÖZDAL Z. D., TAKKA S.  
9th BBBB Conference on Pharmaceutical Sciences, Ljubljana, Slovenia, 15 - 17 September 2022, pp.206-207
- II. **EVALUATION OF THE IN VITRO CYTOTOXICITY AND CHARACTERIZATION OF ONDANSETRON HYDROCHLORIDE LOADED NANOPARTICLES**  
ÖZDAL Z. D., GÜLTEKİN Y., VURAL İ., TAKKA S.  
20th International Pharmaceutical Technology Symposium - IPTS 2022, 21 - 23 February 2022
- III. **EFFECT OF POLYMER ON ONDANSETRON HCl LOADED POLYMERIC NANOPARTICLES**  
ÖZDAL Z. D., TAKKA S.  
13. International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.177-178
- IV. **PREPARATION AND EVALUATION ONDANSETRON HCl LOADED POLYMERIC NANOPARTICLES**  
ÖZDAL Z. D., TAKKA S.  
3. International Gazi Pharma Symposium Series, Ankara, Turkey, 08 September 2021

V. <http://www.isops-ankara.org/ISOPS12-AbstractBook.pdf>

YILDIZ A., SAAR S., ÜNAL İ. S., ÖZDAL Z. D., OLGAC S., KODAN E., DURAN C., TORT S., TUĞCU DEMİRÖZ F. N.  
12th International Symposium of Pharmaceutical Science, Ankara, Turkey, 26 - 29 June 2018, pp.299-300

VI. **DEVELOPMENT AND EVALUATION OF EXTENDED RELEASE TABLET FORMULATIONS OF VENLAFAXINE HYDROCHLORIDE**

SAAR S., Yıldız 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, 26 - 29 June 2018

## Supported Projects

Özdal Z. D., Nemutlu E., Reçber T., Takka S., TUBITAK Project, Ondansetron Hcl Yüklü İlaç Taşıyıcı Sistemlerde İn Vivo Çalışmalar Ve Farmakokinetik Değerlendirmeler, 2023 - 2023

Özdal Z. D., Gültekin Y., Demirel M. A., Vural İ., Takka S., Project Supported by Higher Education Institutions, Preparation Of Ondansetron HCl Loaded Drug Delivery Systems And In Vitro/In Vivo Evaluation, 2021 - 2023

ÖZDAL Z. D., TUBITAK Project, ERZİNCAN BİLİM ŞENLİĞİ, 2018 - 2018

ÖZDAL Z. D., TUBITAK Project, MİKROGLİAL HÜCRELERDE KERSETİN-ALTIN KERSETİN-GÜMÜŞ NANOPARTİKÜLLERİN NÖROİNFLAMATUVAR YANIT ÜZERİNE ETKİLERİ, 2015 - 2016

## Memberships / Tasks in Scientific Organizations

FARMASÖTİK BİLİMLER ANKARA DERNEĞİ (FABAD), Member, 2022 - Continues, Turkey

Türk Farmasötik Teknoloji Araştırmacıları Derneği (TÜFTAD), Member, 2022 - Continues, Turkey

## Metrics

Publication: 13

Citation (WoS): 37

Citation (Scopus): 33

H-Index (WoS): 2

H-Index (Scopus): 2

## Congress and Symposium Activities

ISOPS, Attendee, Ankara, Turkey, 2018

YEMPS, Attendee, Eskişehir, Turkey, 2016

5. ONKOLOJİ ECZACILIĞI KONGRESİ, Attendee, İstanbul, Turkey, 2015

İVEK, Attendee, İstanbul, Turkey, 2015

FARMAKON, Attendee, Erzurum, Turkey, 2015

TÜRK ECZACILARI BİRLİĞİ GENÇLİK KOMİSYONU 1.ULUSAL KONGRESİ, Attendee, Ankara, Turkey, 2014

11. TÜRKİYE ECZACILIK KONGRESİ, Attendee, Turkey, 2012

## Awards

Özdal Z. D., Poster Second Prize, Yarışmalı Eczacılık Mezuniyet Projeleri Sempozyumu (Yemps), April 2016

## Non Academic Experience

University, University of Innsbruck, PHARMACEUTICAL TECHNOLOGY  
Business Establishment Private, HACETTEPE ŞÜKRAN ECZANESİ, ECZANE