

## Asst. Prof. NAZLI ERDOĞDU

### Personal Information

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### Education Information

Doctorate, Hacettepe Üniversitesi, Eczacılık Fakültesi, Farmasötik Teknoloji, Turkey 2011 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Tumor specific delivery and in vitro-in vivo evaluation of paclitaxel loaded folate-conjugated amphiphilic cyclodextrin nanoparticles, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2015

Post Graduate, Mesane tümörlerinin intravezikal kemoterapisi için tasarlanmış Mitomisin C yüklü katyonik nanopartiküllerin in vitro-in vivo değerlendirilmesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2011

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Pharmaceutics Technology, Pharmaceutical Technology

### Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2009 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Development of oral aprepitant-loaded chitosan-polyethylene glycol-coated cyclodextrin nanocapsules: formulation, characterization, and pharmacokinetic evaluation**  
Erdoglar N., Akkin S., Nielsen T. T., Ozcelebi E., Erdogdu B., NEMUTLU E., Iskit A. B., BİLENSOY E.  
JOURNAL OF PHARMACEUTICAL INVESTIGATION, vol.51, no.3, pp.297-310, 2021 (Journal Indexed in SCI)
- II. **Determination and validation of aprepitant in rat plasma using LC-MS/MS**  
Erdoglar N., REÇBER T., B Iskit A., BİLENSOY E., KIR S., NEMUTLU E.  
BIOANALYSIS, 2021 (Journal Indexed in SCI)
- III. **Cyclodextrin-Based Nanosystems: Current Status and Future Prospects**  
VARAN C., Varan G., Erdoglar N., BİLENSOY E.  
DRUG DELIVERY NANOSYSTEMS: FROM BIOINSPIRATION AND BIOMIMETICS TO CLINICAL APPLICATIONS, pp.29-58, 2019 (Journal Indexed in SCI)

- IV. **Therapeutic efficacy of folate receptor-targeted amphiphilic cyclodextrin nanoparticles as a novel vehicle for paclitaxel delivery in breast cancer**  
ERDOĞAR N., ESENDAĞLI G., Nielsen T. T. , Esendagli-Yilmaz G., Yoyen-Ermis D., Erdogdu B., SARGON M. F. , EROĞLU H., BİLENSOY E.  
JOURNAL OF DRUG TARGETING, vol.26, no.1, pp.66-74, 2018 (Journal Indexed in SCI)
- V. **Amphiphilic cyclodextrin nanoparticles**  
VARAN G., VARAN C., ERDOĞAR N., Hincal A. A. , BİLENSOY E.  
International Journal of Pharmaceutics, vol.531, no.2, pp.457-469, 2017 (Journal Indexed in SCI Expanded)
- VI. **Amphiphilic cyclodextrin derivatives for targeted drug delivery to tumors**  
ERDOĞAR N., VARAN G., BİLENSOY E.  
Current Topics in Medicinal Chemistry, vol.17, no.13, pp.1521-1528, 2017 (Journal Indexed in SCI Expanded)
- VII. **Design and optimization of novel paclitaxel-loaded folate-conjugated amphiphilic cyclodextrin nanoparticles**  
ERDOĞAR N., ESENDAĞLI G., Nielsen T. T. , ŞEN M., ÖNER L., BİLENSOY E.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.509, pp.375-390, 2016 (Journal Indexed in SCI)
- VIII. **Antitumor Efficacy of Bacillus Calmette-Guerin Loaded Cationic Nanoparticles for Intravesical Immunotherapy of Bladder Tumor Induced Rat Model**  
ERDOĞAR N., İSKİT A. B. , EROĞLU H., SARGON M. F. , Mungan N. A. , BİLENSOY E.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.15, no.12, pp.10156-10164, 2015 (Journal Indexed in SCI)
- IX. **Cationic core-shell nanoparticles for intravesical chemotherapy in tumor-induced rat model: Safety and efficacy**  
ERDOĞAR N., İSKİT A. B. , EROĞLU H., SARGON M. F. , Mungan N. A. , BİLENSOY E.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.471, pp.1-9, 2014 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **The effect of Arnebia purpurea extract on the survival of random pattern skin flaps in rats**  
ORHAN A. E. , YÜZBAŞIOĞLU M., EROL Y. R. , BİLENSOY E., ERDOĞAR N., DEMİREZER L. Ö. , UZ A.  
The European Research Journal, vol.4, pp.152-156, 2018 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Cyclodextrin Based Nano-Systems: Current Status and Future Prospects**  
VARAN C., VARAN G., ERDOĞAR N., BİLENSOY E.  
in: Drug Delivery Nanosystems: From Bioinspiration and Biomimetics to Clinical Applications, Pippa Natassa, Demetzos Costas, Pispas Stergios, Editor, Pan Stanford, pp.29-49, 2019
- II. **Biodistribution of polymeric, polysaccharide and metallic nanoparticles**  
ERDOĞAR N., VARAN G., VARAN C., BİLENSOY E.  
in: Characterization of Pharmaceutical Nano- and Microsystems, Peltonen Leena, Douroumis Dennis, Fahr Alfred, Siepmann Jurgen, Snowden Martin J., Editor, Wiley-Blackwell, 2019
- III. **Cyclodextrin-based polymeric nanosystems**  
ERDOĞAR N., VARAN G., VARAN C., BİLENSOY E.  
in: Drug Targeting and Stimuli Sensitive Drug Delivery Systems, Alina M. Holban, Editor, William Andrew, pp.715-748, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Farelerde Tamoksifen ve Majör Metaboliti N-Desmetil-Tamoksifen'in LC- MS/MS Yöntemiyle Tayini**  
ERDOĞAR N., NEMUTLU E., KIR S., İSKİT A. B. , BİLENSOY E.  
XVI. Ulusal Spektroskopi Kongresi, Turkey, 7 - 09 November 2019
- II. **Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Sonrasında Standartları Karşılama Açısından Son Üç Yıldaki Mevcut Durumu**  
ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F. , ARITULUK Z. C. , SARI S., GENÇ Y., et al.  
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018
- III. **Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Süreci Açısından 2016 ve 2017 Yılı Değerlendirmesi**  
ERDOĞAR N., DOĞAN A., BİBEROĞLU K., ULUTAŞ DENİZ E., EROĞLU İ., KAZKAYASI İ., DÜZENLİ Ö. F. , ARITULUK Z. C. , SARI S., GENÇ Y., et al.  
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 10 - 11 May 2018
- IV. **Novel Folate-Conjugated Amphiphilic Cyclodextrin Nanoparticles For Paclitaxel Delivery in Recurrent Metastatic Breast Cancer**  
ERDOĞAR N., ESENDAĞLI G., NIELSEN T. T. , ESENDAĞLI YILMAZ G., SARGON M. F. , ÖNER L., BİLENSOY E.  
Innovation in Medicine Summit-3, 11 - 13 May 2017
- V. **In Vitro and In Vivo Evaluation of Tumor Targeted Nanoparticles for Paclitaxel Delivery with Folate conjugated Amphiphilic Cyclodextrin Derivatives**  
ERDOĞAR N., TERNDRUP N., ÖNER L., ESENDAĞLI G., BİLENSOY E.  
4th European Conference on Cyclodextrins (EUROCD 2015), 6 - 09 October 2015
- VI. **Optimization by 32 Factorial Design of Tumor Targeted Nanoparticles for Paclitaxel Delivery with Folate conjugated Amphiphilic Cyclodextrin**  
ERDOĞAR N., ÖNER L., ESENDAĞLI G., NIELSEN T., BİLENSOY E.  
EUFEPS Annual Meeting, 15 - 17 June 2015

## Supported Projects

ERDOĞDU N., Project Supported by Higher Education Institutions, Tıpta İnovasyon Buluşmaları 3, 2017 - 2017

ERDOĞDU N., Project Supported by Higher Education Institutions, Folat konjuge Amfifilik Siklodekstrin Türevleri ile Paklitaksel Taşınması için Kullanılan Tümöre Hedeflendirilmiş Nanopartiküllerin İn Vitro İn Vivo Değerlendirilmesi, 2015 - 2017

BİLENSOY E., ERDOĞAR N., Project Supported by Higher Education Institutions, Paklitaksel Yüklü Folat-Konjuge Amfifilik Siklodekstrin Nanopartiküllerin Tümöre Spesifik Taşınımı ve İn Vitro-İn Vivo Değerlendirilmesi, 2016 - 2016

## Citations

Total Citations (WOS):122

h-index (WOS):6