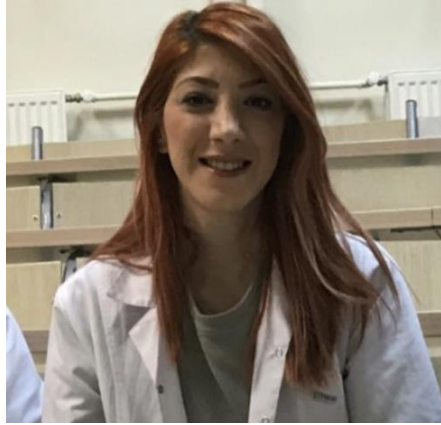


CURRICULUM VITAE AND PUBLICATION LIST



Curriculum Vitae

Name Surname: Nazlı Erdoğan

Date of Birth: 16 Temmuz 1986 Ankara

Marital Status: Married, 1 child

e-mail: nerdogar@hacettepe.edu.tr, nerdogar@gmail.com

Educational Status:

Degree	Faculty/Programme	University	Year
B. Sc.	Pharmacy	Hacettepe University	2004-2008
M. Sc.	Pharmaceutical Technology	Hacettepe University	2008-2011
Ph.D.	Pharmaceutical Technology	Hacettepe University	2011-2015

M.Sc. thesis title and supervisor :

"In vitro and in vivo evaluation of cationic nanoparticles loaded with Mitomycin C designed for intravesical chemotherapy of bladder tumors"

Supervisor: Prof. Dr. Erem Bilensoy 10 August 2011

Ph.D. thesis title and supervisor :

"Tumor specific delivery and in vitro-in vivo evaluation of paclitaxel loaded folate-conjugated amphiphilic cyclodextrin nanoparticles"

Supervisor: Prof. Dr. Erem Bilensoy 27 November 2015

Job(s):

Degree	Location	Year
Research Assistant	Hacettepe University, Faculty of Pharmacy, Department of Pharmaceutical Technology	2009-2015
Ph.D. Research Assistant	Hacettepe University, Faculty of Pharmacy, Department of Pharmaceutical Technology	2015-2018
Assistant Prof.	Hacettepe University, Faculty of Pharmacy, Department of Pharmaceutical Technology	2018-

Projects:

In vivo evaluation of bladder retention and antitumor efficacy in the rat model for cationic nanoparticles loaded with *Bacillus Calmette-Guerin* or *Mitomycin C* designed for intravesical chemotherapy or immunotherapy of bladder tumors, TÜBİTAK Scientific Research Project 1001, 109S172, **Scholar**, 2009-2011

Tumor specific drug delivery and in vitro-in vivo evaluation of amphiphilic cyclodextrin nanoparticles, TÜBİTAK Scientific Research Project 1001, 112S538, **Scholar**, 2013-2015

Tumor specific drug delivery and in vitro-in vivo evaluation of paclitaxel-loaded folate-conjugated amphiphilic cyclodextrin nanoparticles, Hacettepe University Scientific Research Doctoral Thesis Project, **Researcher**, 2016

In Vitro-In Vivo Evaluation of Aprepitant Loaded Amphiphilic Cyclodextrin Nanoparticles and Nanocapsules to Improve Aprepitant Oral Bioavailability, TÜBİTAK 3001 Starting R&D Projects, 216S773, **Project Coordinator**, 2017-2019

Membership to professional societies:

TUFTAD Turkish Pharmaceutical Technology Researchers Association (Member)

HETEK Hacettepe Eczacılık Teknolojisi Derneği (Member)

Awards:

Teknovasyon Pfizer Innovation in Life Sciences Award, 2011: Safe and effective intravesical therapy in bladder cancer with cationic nanoparticles loaded with BCG and Mitomycin C (10 Mayıs 2011)

Best Poster Award: Uzun, M., Erdoğan, N., Bilensoy, N., Demirezer, L.Ö., *Rumex crispus* L. Meyvelerinden Ciltteki Kollajen Dokuyu Onarıcı Fitokozmetik Ürün Geliştirilmesi, XXIII. Bitkisel İlaç Hammaddeleri Toplantısı, 9-12 April 2018, Antalya, Turkey.

Organizations:

Scientific Secretaria 3rd European Conference on Cyclodextrins (ECC-2013), 2-4 October 2013, Antalya

Member 20th International Pharmaceutical Technology Symposium (IPTS 2020), 7-9 September, Ankara

Foreign Experience:

15 September 2014-15 January 2015: The Scientific and Technological Research Council of Turkey (TUBİTAK) 2214-A International Doctoral Fellowship Programme; Aalborg University, Section of Chemistry, Biotechnology and Environmental Engineering, Denmark.

PUBLICATIONS

A. Articles in international peer-reviewed journals from SCI :

A1. Çırpanlı, Y., Yerlikaya, F., Öztürk F, **Erdoğar N**, Launay, M., Gegu, C., Leturgez T, Bilensoy, E., Çalış, S., Çapan, Y., Comparative evaluation of in vitro parameters of tamoxifen citrate loaded poly(lactide-co-glycolide), poly(ϵ -caprolactone) and chitosan nanoparticles, *Pharmazie*, 65(2), 867-870 (2010)

A2. Erdoğar, N., İskit, A.B., Mungan, N.A., Bilensoy, E., Prolonged retention and in vivo evaluation of cationic nanoparticles loaded with Mitomycin C designed for intravesical chemotherapy of bladder tumors, *Journal of Microencapsulation*, 29(6): 576-582 (2012)

A3. N Erdoğar, AB İskit, H Erođlu, MF Sargon, NA Mungan, E Bilensoy, "Cationic Core-shell nanoparticles for intravesical chemotherapy in tumor-induced rat model: safety and efficacy" *Int. J. Pharm.* 471(1-2):1-9 (2014)

A4. Bilensoy, E., **Erdoğar, N.**, Mungan, NA. Role of Nanoparticles in the Treatment of Noninvasive Bladder Cancer, *Bulletin of Urooncology*, 14(1): 61-66 (2015)

A5. N Erdoğar, H Erođlu, AB İskit, MF Sargon, AN Mungan, E Bilensoy, "Antitumor Efficacy of Bacillus Calmette-Guerin Loaded Cationic Nanoparticles for Intravesical Immunotherapy of Bladder Tumor Induced Rat Model" *Journal of Nanoscience and Nanotechnology* 15(12):10156-10164 (2015)

A6. N Erdoğar, G Esendađlı, TT Nielsen, M Şen, L Öner, E Bilensoy, "Design and Optimization of Novel Paclitaxel-Loaded Folate-Conjugated Amphiphilic Cyclodextrin Nanoparticles" *International Journal of Pharmaceutics*, 509(1-2):375-390 (2016)

A7. N Erdoğar, G Işık, E Bilensoy, "Amphiphilic Cyclodextrin Derivatives for Targeted Drug Delivery to Tumors" *Curr Top Med Chem*, 17(13):1-8 (2017)

A8. G Varan, C Varan, **N Erdoğar**, A A Hıncal, E Bilensoy, Amphiphilic Cyclodextrin Nanoparticles, *International Journal of Pharmaceutics Special Issue*, 531(2):457-469 (2017)

A9. E Orhan, M Yüzbaşıoğlu, Y R Erol, E Bilensoy, **N Erdoğar**, L Ö Demirezer, A Kuruüzüm-Uz, The Effect of Arnebia Purpurea Extract on the Survival of Random Pattern Skin Flaps in Rats, The European Research Journal, 4(3):152-156 (2018) <http://dx.doi.org/10.18621/eurj.335550>

A10. **N Erdoğar**, G Esendağlı, T T Nielsen, G Esendağlı-Yılmaz, D Yöyen-Ermiş, B Erdoğdu, M F Sargon, H Eroğlu, E Bilensoy, Therapeutic Efficacy of Folate Receptor-Targeted Amphiphilic Cyclodextrin Nanoparticles as a Novel Vehicle For Paclitaxel Delivery In Breast Cancer, Journal of Drug Targeting, 26(1):66-74 (2018)

A11. **N Erdoğar**, E Bilensoy, S Akkın, Nanocapsules for Drug Delivery: An Updated Review of the Last Decade, Recent Patents on Drug Delivery&Formulation, 12(4), 2018 <https://doi.org/10.2174/1872211313666190123153711>

A12. M Uzun, **N Erdoğar**, E Bilensoy, L.Ö. Demirezer, A new anti-aging gel formulation from Rumex crispus; Matrixmetalloproteinases inhibitor, sun protective and antioxidant, Phytochemistry (submitted)

B. Poster presentations in international meetings:

B1. Erdoğar, N., Mungan, N.A., Bilensoy, E., Preparation and characterization of cationic nanoparticles loaded with mitomycin c by double emulsion and ionotropic gelation techniques, 11th European Symposium on Controlled Drug Delivery, April 7-9, 2010, Egmond aan Zee, J Controlled Release, 20; 148(1); p. 78-9

B2. Orhan E., Yüzbaşıoğlu, M., Erol, S., Erdoğar, B., Kuruüzüm-Uz, A., Bilensoy, E., **Erdoğar, N.,** Bilgili, B., Duman H., Demirezer, L.Ö., The effect of Arnebia purpurea on random pattern skin flap survival in rat, Trends in Natural Products Research, 12-14 April 2010, Leicester, England.

B3. Erdoğar N, Eroğlu H., İskit AB, Sargon MF, Mungan NA, Bilensoy E., In vivo evaluation of cationic nanoparticles designed for intravesical therapy of bladder tumors, 9th Central European Symposium on Pharmaceutical Technology CESPT-2012, 20-22 September 2012, Dubrovnik, Croatia

B4. Erdoğar N, Şen, M, Bilensoy E, In Vitro Evaluation of Anticancer Drug Tamoxifen Through Complexation with Water Soluble Cyclodextrins, 3rd European Conference on Cyclodextrins, 2-4 October 2013, Antalya, Turkey

B5. Erdoğar N, Öner L, Esendağlı G, Nielsen Terndrup T, Bilensoy E, Optimization of Tumor Targeted Nanoparticles for Paclitaxel Delivery with Folate-PEG Conjugated Amphiphilic Cyclodextrins, The Globalization of Pharmaceuticals Education Network (GPEN), 27-30 August 2014, Helsinki, Finland

B6. Erdoğar N, Öner L, Esendağlı G, Nielsen Terndrup T, Bilensoy E, Optimization by 3² Factorial Design of Tumor-Targeted Nanoparticles for Paclitaxel Delivery with Folate-conjugated Amphiphilic Cyclodextrin, EUFEPS Annual Meeting, 15-17 Haziran 2015, Genova, Switzerland

B7. Erdoğar N, Esendağlı G, Nielsen Terndrup T, Erdoğdu B, Şen M, Eroğlu H, Öner L, Bilensoy E, Tumor Specific Delivery and In Vitro-In Vivo Evaluation of Novel Paclitaxel

Loaded Folate Conjugated Amphiphilic Cyclodextrin Nanoparticles, 18th International Pharmaceutical Technology Symposium, 18-21 Eylül 2016, Antalya, Turkey.

B8. Erdoğar N, Nemutlu E, İskit AB, Teksin ZS, Bilensoy E, Enhancement of Oral Bioavailability of Poorly Water Soluble Drug Tamoxifen Through Complexation with Different Cyclodextrins, EUFEPS Annual Meeting 2018, 24-26 Mayıs 2018, Athens, Greece.

B9. Erdoğar N, Akkin S, Nielsen TT, Bilensoy E, Effect of Process and Formulation Parameters on Amphiphilic Cyclodextrin Nanoparticles and Amphiphilic Cyclodextrin Nanocapsules Prepared by Nanoprecipitation, EUFEPS Annual Meeting 2018, 24-26 Mayıs 2018, Athens, Greece.

C. International Books and Book Chapters:

C1. Erdoğar, N., Bilensoy, E., Cyclodextrins in Drug Delivery, Arias Mendosa JL (ed) in "Nanotechnology and Drug Delivery, Volume One: Nanoplatfoms in Drug Delivery" p. 178-209, Science Publishers, CRC Press, 2014

C2. N Erdoğar, G Varan, C Varan, E Bilensoy Cyclodextrin-based Polymeric Nanosystems, A. Grumezescu (Ed), 'Drug Targeting and Stimuli Sensitive Drug Delivery Systems' p. 715-748, ISBN: 978-0-12-813689-8, Elsevier-William Andrew, 2018, doi:10.1016/B978-0-12-813689-8.00019-7

C3. N Erdoğar, E Bilensoy, Cyclodextrin-Based Nanosystems in Targeted Cancer Therapy, G. Crini, E. Lichtfousse, S. Fourmentin-Lamotte (Eds) Cyclodextrin Applications in Medicine, Food, Environment and Liquid Crystals, p. 59-80, Springer, 2018, doi:10.1007/978-3-319-76162-6

C4. C Varan, G Varan, **N Erdoğar**, E Bilensoy, Cyclodextrin Based Nano-Systems: Current Status and Future Prospects, C. Demetzos, S. Pispas, N. Pippa (Eds) Drug Delivery Nanosystems: From Bioinspiration and Biomimetics to Clinical Applications, p. 29-58, Pan Stanford Publishing, 2019, doi: <https://doi.org/10.1201/9780429490545>

C5. N Erdoğar, G Varan, C Varan, E Bilensoy, In Vitro and İn Vivo Biodistribution of Polymeric, Polysaccharide and Metallic nanoparticles, L. Peelttonen (Ed) Characterization of Pharmaceutical Nano- and Microsystems, ISBN: 978-1-119-41404-9, Wiley-VCH, 2019

D. Poster Presentations in National Meetings:

D1. Erdoğar N., Mungan A., Bilensoy E., Mitomisin C yüklü katyonik nanopartiküllerin çift emülsiyon ve iyonotropik jelasyon tekniği ile hazırlanması ve karakterizasyonu, Hacettepe Üniversitesi Bilim Şenliği Ar-Ge Proje Pazarı ve Patent Bilgi Günleri, 2010, Ankara, Türkiye.

D2. Uzun, M., **Erdoğar, N.**, Bilensoy, N., Demirezer, L.Ö., *Rumex crispus* L. Meyvelerinden Ciltteki Kollajen Dokuyu Onarıcı Fitokozmetik Ürün Geliştirilmesi, XXIII. Bitkisel İlaç Hammaddeleri Toplantısı (BİHAT-2018), 9-12 Nisan 2018, Antalya, Türkiye.

D3. N. Erdoğar, A. Doğan, K. Biberöglü, E. Ulutaş, İ. Erođlu, İ. Kazkayası, Ö.F. Düzenli, C. Arituluk, S. Sarı, Y. Genç, D. Kart, A. Çağlayan, B. Kelleci Çakır, M. Silindir, İ. Erođlu, S. Yabanođlu Çiftçi, H. Erođlu, B. Arıca-Yegin, T. Baydar, Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Süreci Açısından 2016 ve 2017 Yılı Deđerlendirmesi, II. Ulusal Eczacılık Eđitimi ve Akreditasyon Kongresi, 10-11 Mayıs 2018, Eskişehir, Ankara.

D4. N. Erdoğar, A. Doğan, K. Biberöglü, E. Ulutaş, İ. Erođlu, İ. Kazkayası, Ö.F. Düzenli, C. Arituluk, S. Sarı, Y. Genç, D. Kart, A. Çağlayan, B. Kelleci Çakır, M. Silindir, İ. Erođlu, S. Yabanođlu Çiftçi, H. Erođlu, B. Arıca-Yegin, T. Baydar, Hacettepe Üniversitesi Eczacılık Fakültesi'nin Akreditasyon Sonrasında Standartları Karşılama Açısından Son Üç Yıldaki Mevcut Durumu, II. Ulusal Eczacılık Eđitimi ve Akreditasyon Kongresi, 10-11 Mayıs 2018, Eskişehir, Ankara.

E. Oral presentations in International Meetings :

E1. Erdoğar N, Nielsen Terndrup T, Öner L, Esendađlı G, Bilensoy E., In Vitro and In Vivo Evaluation of Tumor-Targeted Nanoparticles for Paclitaxel Delivery with Folate-conjugated Amphiphilic Cyclodextrin Derivatives, 4th European Conference on Cyclodextrins (EUROCD 2015), 6-9 October 2015, Lille, France.

E2. Erdoğar N., Esendađlı G., Nielsen T.T., Esendađlı-Yılmaz G., Sargon M.F., Öner L., Bilensoy, E., Novel Folate-Conjugated Amphiphilic Cyclodextrin Nanoparticles For Paclitaxel Delivery in Recurrent Metastatic Breast Cancer, Innovation in Medicine Summit-3, 11-13 May 2017, Gaziantep, Turkey.

E3. Daşkın D, **Erdoğar N**, İskit AB, Bilensoy E, Novel Anionic and Cationic Polymeric Nanocapsules for Oral Delivery of Docetaxel: Preparation, In Vitro and In Vivo Evaluation, EUFEPS Annual Meeting 2018, 24-26 May 2018, Athens, Greece.

E4. Erdoğar, N, Teksin, ZŞ, Nemutlu, E, İskit, AB, Bilensoy, E, Enhancement of Oral Bioavailability of Poorly Soluble Drug Tamoxifen Through Complexation with Different Cyclodextrins, International Symposium on Pharmaceutical Sciences (ISOPS), 26-29 June 2018, Ankara, Turkey.

E5. Erdoğar, N, Optimized Novel Aprepitant Loaded Oral Nanoparticles and Nanocapsules For Bioavailability Improvement, 8th BBBB International Conference on Pharmaceutical Sciences, 14-16 October 2019, İzmir, Turkey.

G. Other Activities (Editor, Advisor etc):

Journal of Drug Design, Development and Therapy (Reviewer)

Materials and Design (Reviewer)

Current Pharmaceutical Design (Reviewer)

International Journal of Nanomedicine (Reviewer)

Biomedicine & Pharmacotherapy (Reviewer)

Recent Patents on Drug Delivery & Formulation (Reviewer)

Pharmaceutical Research (Reviewer)

FABAD (Reviewer)