

CURRICULUM VITAE



1. Full Name: Emine Dilek ÖZYILMAZ

2. Date of Birth: 1979

3. Title: Assistant Professor

4. Education

Degree	Field	University	Year
Bachelor's Degree	Pharmacy	Anadolu University	2000
Master's Degree	Pharmaceutical Technology	Anadolu University	2003
Ph.D.	Pharmaceutical Technology	Ankara University	2023

5. Academic Titles:

Instructor: September 15, 2015–March 9, 2023

Assistant Professor: October 16, 2023–Present

6. Institutions

Anadolu University, Faculty of Pharmacy, Department of Pharmaceutical Technology, Eskişehir, 2000–2003

Dilek Pharmacy, Eskişehir, 2003–2012

PharmaMondial Pharmaceuticals, TRNC, 2012–2014

Eastern Mediterranean University, Faculty of Pharmacy, TRNC, 2014–Present

7. Publications:

7.1. Articles published in international peer-reviewed journals (SCI & SCI-E & ESCI)

- 7.1.1. Comoglu, T., Dilek Ozyilmaz, E. (2019). Orally disintegrating tablets and orally disintegrating mini tablets—novel dosage forms for pediatric use. *Pharmaceutical Development and Technology*, 24(7), 902–914.
- 7.1.2. Ozyilmaz, E. D., Turan, A., & Comoglu, T. (2021). An overview on the advantages and limitations of 3D printing of microneedles. *Pharmaceutical Development and Technology*, 26(9), 923-933.
- 7.1.3. Özyilmaz, E. D., Comoglu, T. (2022). Development of pediatric orally disintegrating mini-tablets containing an atomoxetine hydrochloride- β -cyclodextrin inclusion complex using experimental design. *Drug Development and Industrial Pharmacy*, 48(11), 667-681.
- 7.1.4. Ozyilmaz, E. D., Comoglu, T. (2022). Comparison of the Physicochemical Properties and Release Profiles of Metformin Tablets from Eight Different Brands Available in the Northern Cyprus Pharmaceutical Market. *Bezmialem Science*, DOI: 10.14235/bas.galenos.2022.08370.
- 7.1.5. Özyilmaz, E. D., & Comoglu, T. (2023). Evaluation of two different orally disintegrating tablet formulations containing a flurbiprofen inclusion complex and its solid dispersion. *Tropical Journal of Pharmaceutical Research*, 22(4), 705-711.
- 7.1.6. Ozyilmaz, E. D., Celikkaya, R., Comoglu, T., Ozakpinar, H. R., & Behzatoglu, K. (2023). In Vitro and In Vivo Evaluation of Metformin Hydrochloride Hydrogels Developed Using Experimental Design for the Treatment of Burns. *AAPS PharmSciTech*, 24(8), 248.
- 7.1.7. Janipour, Z., Najafi, H., Abolmaali, S. S., Heidari, R., Azarpira, N., Özyilmaz, E. D., & Tamaddon, A. M. (2023). Simvastatin-releasing nanofibrous peptide hydrogels for accelerated healing of diabetic wounds. *ACS Applied Bio Materials*, 6(11), 4620–4628.
- 7.1.8. Atalay, Ö., Ozyilmaz, E. D., Önal, D., Pehlivanoğlu, B., & Çomoğlu, T. (2024). Development and in vivo evaluation of atomoxetine hydrochloride ODMTs in a nicotine-induced attention deficit hyperactivity disorder (ADHD) model in rats. *AAPS PharmSciTech*, 25(6), 173.
- 7.1.9. Tokgonul, S., Ozyilmaz, E. D., Comoglu, T., Gürbüz, M. M., Doğan Topal, B., Kocak, F. E., & Ozakpinar, H. R. (2024). Evaluation of the effect of

carvedilol orodispersible tablets on ischemia–reperfusion injury and flap viability in rats: An in vivo study. *Archiv der Pharmazie*, e2400618.

- 7.1.10.** Comoglu, T., & Ozyilmaz, E. D. (2025). Pharmaceutical excipients in pediatric and geriatric drug formulations: safety, efficacy, and regulatory perspectives. *Pharmaceutical Development and Technology*, 30(1), 1–9.
- 7.1.11.** Özyılmaz, E. D., Güler, E., Süer, K., Özbilgin, A., Çavuş, İ., & Çomoğlu, T. (2025). Naltrexone Hydrochloride-Loaded W/O Microemulsions: Preparation, Characterization, and Exploration of Anti-Leishmanial Activity. *İstanbul Journal of Pharmacy*, 55(2), 149–159.
- 7.1.12.** Özyılmaz, E. D. (2026). A Nasal Hydrogel Combining Metformin and Curcumin for Potential Nose-to-Brain Therapy in Neurodegenerative Disorders. *ASSAY and Drug Development Technologies*, 24(4), 323–333.
- 7.1.13.** Özyılmaz, E. D. (2026). Formulation and Optimization of Chitosan-Based Flurbiprofen Nanoparticles for Ocular Delivery: A Design of Experiments Approach. *ASSAY and Drug Development Technologies*, 24(5), 444-454.

7.2. Articles published in other international peer-reviewed journals

- 7.2.1.** E.D. Ozyilmaz, L. Pozharani, M. Alhadi, AE Ochanya. (2018). “Orally Disintegrating Tablets: A Short Review,” *EMU Journal of Pharmaceutical Sciences*, 1: 76-81.
- 7.2.2.** ÖZYILMAZ, E. D., ÇOMOĞLU, T., Nourmohammadi, R. (2019). Comparison of the pharmaceutical properties of paracetamol tablets from different manufacturers in the Northern Cyprus pharmaceutical market. *EMU Journal of Pharmaceutical Sciences*, 3(2), 73–79.
- 7.2.3.** ÖZYILMAZ, E. D., & ÇOMOĞLU, T. (2019). An Overview of Rapidly Dissolving Tablet Formulations. *Journal of Literature Pharmacy Sciences*, 8(2), 97-107.
- 7.2.4.** ÖZYILMAZ, E. D., SAYINER, Ö., & ÇOMOĞLU, T. (2020). Pharmaceutical Evaluation of Micro- and nanoemulsions. *Journal of Literature Pharmacy Sciences*, 9(1), 65-76.
- 7.2.5.** ÖZYILMAZ, E. D. (2021). Short Review: A new technology promising to ensure drug safety. *EMU Journal of Pharmaceutical Sciences*, 4(1), 36-41.

- 7.2.6.** Özyılmaz, E. D., Mavideniz, A., & Nobavar, Z. (2024). Comparison of In Vitro Ibuprofen Release Rates from HPMC and Carbopol® Gels. *EMU Journal of Pharmaceutical Sciences*, 7(2), 40-47.
- 7.2.7.** Mavideniz, A., Ercetin, T., Yektaoglu, A., Nobavar, Z., Yuzugulen, J., Özyılmaz, E. D., & Gülcan, H. O. (2024). Screening the Cholinesterase Inhibitory Potential of Selected Amines. *EMU Journal of Pharmaceutical Sciences*, 7(1), 16–19.
- 7.2.8.** Özyılmaz, E. D. (2025). Investigation of the Stability of Acetylsalicylic Acid at Different Temperatures. *EMU Journal of Pharmaceutical Sciences*, 8(1), 1-7. <https://doi.org/10.54994/emujpharmsci.1661092>.
- 7.2.9.** Özyılmaz, E. D. (2025). Hypericum perforatum oil-loaded niosomal gel for vaginal delivery. *Fabad Journal of Pharmaceutical Sciences*, 50(3), 573-582.
- 7.2.10.** Özyılmaz, E. D., & Çomoğlu, T. (2026). Development of vaginal ibuprofen microparticles: A DoE-based optimization study. *Journal of the Faculty of Pharmacy, Ankara University*, 50(2), 277-288.

7.3. Papers presented at international scientific conferences and published in the proceedings

7.3.1. Oral Presentations

- 7.3.1.1. Ozyilmaz ED.** “Experimental Design and Characterization of Ibuprofen Microparticles for Local Therapy”^{4th}International Ankara Scientific Research and Innovation Congress, Ankara, Turkey, December 5–6, 2025.
- 7.3.1.2. Ozyilmaz ED.** “Preparation and Characterization of Microemulsion Formulations” 1st International Warsaw Scientific Research and Innovation Congress, Warsaw, Poland, June 19–22, 2025.
- 7.3.1.3. Ozyilmaz ED.** “In Vitro Evaluation of Metformin Hydrochloride Hydrogels Developed Using Experimental Design,”^{12th} Ege International Conference on Applied Sciences, Izmir, Turkey, December 26–30, 2024.
- 7.3.1.4. Emine Dilek Özyılmaz,** “Comparative Evaluation of Micro- and Nanoemulsions,” 4th ISPEC International Congress on Modern Scientific Research, November 2023, Ganja, Azerbaijan.

- 7.3.1.5. Emine Dilek Özyılmaz,** Tansel Çomoğlu, “In Vitro Evaluation of Flurbiprofen ODTs Prepared Using a Box-Behnken Experimental Design,”^{2nd} Sivas International Conference on Scientific and Innovation Research, September 2023, Sivas, Turkey.
- 7.3.1.6. Emine Dilek Özyılmaz,** Tansel Çomoğlu “Assessment of the Preparation and Characterization of Orally Disintegrating Mini-Tablet Formulations Containing Atomoxetine Hydrochloride Using the Quality by Design (QbD) Approach in the Treatment of Attention Deficit and Hyperactivity Disorder,” 20thInternational Pharmaceutical Technology Symposium (IPTS 2022), February 2022, Ankara, Turkey.
- 7.3.1.7. Çomoğlu T., Özyılmaz E.D.** “Preparation and Characterization of Pediatric Orally Disintegrating Mini-Tablet Formulations,”^{3rd}International Health Sciences Conference, November 2019, Diyarbakır, Turkey.
- 7.3.1.8. Emine Dilek Özyılmaz** “Ensuring Safety in the Drug Supply Chain with Blockchain Technology,”^{3rd}International Ankara Congress, October 2020, Ankara, Turkey.
- 7.3.1.9. Emine Dilek Özyılmaz,** Tansel Çomoğlu “Assessment of the pharmaceutical properties of metformin hydrochloride tablets produced by different pharmaceutical companies” International Symposium on Scientific Research and Innovation Studies (ISSRIS2021), February 2021, Bandırma, Turkey.

7.3.2. Poster Presentations

- 7.3.2.1. Emine Dilek Özyılmaz,** Mehmet Keskinöz. “Pharmaceutical Patents and Their Litigation in Europe and the United States,” THE MOSAIC 2018, Famagusta, Northern Cyprus, May 2018.
- 7.3.2.2. Özyılmaz, E.D.,** Comoglu, T., “Preparation and Optimization of β -Cyclodextrin Inclusion Complexes of Atomoxetine Hydrochloride,”^{13th}International Symposium of Pharmaceutical Sciences, Ankara, Turkey, June 2021.
- 7.3.2.3. Emine Dilek Ozyilmaz,** Tansel Comoglu, “Development of Pediatric Orally Disintegrating Mini-Tablets Containing Atomoxetine Hydrochloride-Cyclodextrin Inclusion Complex Using Experimental Design,”^{4th}European Conference on Pharmaceutics, Marseille, France, March 2023.

- 7.3.2.4.** Ozyilmaz, E.D., Comoglu, T. “Preparation of a W/O microemulsion as a transdermal delivery system for naltrexone hydrochloride: physicochemical characterization,”^{14th}International Symposium of Pharmaceutical Sciences, Ankara, Turkey, June 2024.

7.4. National and international book chapters authored

- 7.4.1.** Tansel Comoglu, Emine Dilek Ozyilmaz, “Pharmaceutical and Biomedical Applications of Microemulsions: Innovative Approaches and Future Perspectives.” Editors: Asuman Bozkır, Ceyda Tuba Şengel Türk. Ankara University Publications No. 925, Ankara University Press, 2025.
- 7.4.2.** Emine Dilek Ozyilmaz, “New Trends in Pediatric Drug Delivery Systems.” Editor: Hayrettin Ozan Gulcan, Eastern Mediterranean University, 2025.
- 7.4.3.** Emine Dilek Ozyilmaz, “Applications of 3D Printing Technology in Oral Drug Delivery Systems.” Editor: Hayrettin Ozan Gulcan, Eastern Mediterranean University, 2025.
- 7.4.4.** Tansel Comoglu, Emine Dilek Ozyilmaz, “Pharmaceutical Product Development: A ‘Quality by Design’ (QbD) Approach.” Editors: Amit Kumar Nayak, Kalyan Kumar Sen. Elsevier, 2023.
- 7.4.5.** Tansel Comoglu, Emine Dilek Ozyilmaz, “Personalized Treatment for Hyperactivity: Atomoxetine and Individualized Treatment Approaches.” Editors: Asuman Bozkır, İlkay Yıldız. Ankara University Publications No. 841, Ankara University Press, 2023.
- 7.4.6.** E. Dilek Özyılmaz, “Radiopharmacy,” in *Highlights in Pharmacy*. Editor: Fethi Sahin. Eastern Mediterranean University, 2018.
- 7.4.7.** E. Dilek Özyılmaz, Gönül Şahin “Geriatric Pharmacy” In: “Highlights in Pharmacy.” Editor: Fethi Sahin. Eastern Mediterranean University, 2018.

7.5. Articles published in national peer-reviewed journals

- 7.5.1.** ÖZYILMAZ, E. D., ÇOMOĞLU, T. (2019). An Overview of Rapidly Dissolving Oral Tablet Formulations. *Journal of Literature Pharmacy Sciences*, 8(2), 97–107.
- 7.5.2.** ÖZYILMAZ, E. D., SAYINER, Ö., ÇOMOĞLU, T. (2020). Pharmaceutical Evaluation of Micro- and Nanoemulsions from a Pharmaceutical Perspective. *Journal of Literature Pharmacy Sciences*, 9(1), 65-76.

7.6. International Citations

Publications (His international publications have received a total of 201 citations. (Web of Science citation count: 107)) May 19, 2025.

8. Roles in Research Projects

- 8.1. Researcher.** “Preparation and Characterization of Orally Disintegrating Mini-Tablet Formulations Containing Atomoxetine Hydrochloride Using Quality by Design (QbD), and In Vivo Evaluation of Their Efficacy in the Treatment of Attention Deficit Hyperactivity Disorder,” Ankara University, Scientific Research Projects. Project No.: 21L0237016, 2021.

9. Awards

- 9.1.** Eastern Mediterranean University 2020 Researcher Incentive Award (December 8, 2021)
- 9.2.** AOSB 2nd National Industry-Focused R&D and Innovation Project Competition, Third Place in the Health Category. (Researcher on the project titled “Development and Characterization of Mucosal-Adhesive In-Situ Gel Formulations Containing Metformin Hydrochloride for the Treatment of Periodontitis Using a Design-for-Quality Approach.”) (April 8, 2022)
- 9.3.** Eastern Mediterranean University 2021 Researcher Incentive Award (December 1, 2022)
- 9.4.** Başakşehir Municipality Living Lab Innovation Competition, 3rd Place Award in the Academic Category: “Evaluation of the therapeutic efficacy of metformin hydrochloride (MetHCl) hydrogels developed using experimental design (DoE) in the treatment of burns”
- 9.5.** Eastern Mediterranean University 2023 Researcher Incentive Award
- 9.6.** Eastern Mediterranean University 2024 Researcher Incentive Award
- 9.7.** Eastern Mediterranean University 2025 Researcher Incentive Award
- 9.8.** Eastern Mediterranean University 2025 Publication Citation Award
- 9.9.** Eastern Mediterranean University 2025 Publication Achievement Award

10. Administrative Roles

- 10.1.** Eastern Mediterranean University, Faculty of Pharmacy, Faculty Council Faculty Representative (December 7, 2020–December 8, 2022)
- 10.2.** Eastern Mediterranean University, Member of the Health Sub-Ethics Committee (April 5, 2021–November 24, 2022)

10.3. Eastern Mediterranean University, Faculty of Pharmacy, Associate Dean (January 11, 2024–October 10, 2025)

10.4. Eastern Mediterranean University, Faculty of Pharmacy, Assistant Professor Representative on the Faculty Council (October 10, 2025–Present)

11. Scientific Conferences Attended

11.1. EMU International Pharmaceutical Sciences Congress, Famagusta, TRNC, Mersin 10, Turkey, May 14, 2025.

11.2. 14th International Symposium of Pharmaceutical Sciences, Ankara, Turkey, June 2024.

11.3. 12th Ege International Conference on Applied Sciences, Izmir, Turkey, December 26–30, 2024.

11.4. 4th International Congress on Contemporary Scientific Research, November 2023, Ganja, Azerbaijan.

11.5. 2nd Sivas International Conference on Scientific and Innovation Research, September 2023, Sivas, Turkey.

11.6. 20th International Pharmaceutical Technology Symposium (IPTS 2022), February 21–23, 2022, Ankara, Turkey.

11.7. International Symposium of Pharmaceutical Sciences (ISOPS-13), Ankara, Turkey, June 22–25, 2021.

11.8. International Symposium on Scientific Research and Innovation Studies (ISSRIS2021), Bandırma, Turkey, February 22–25, 2021.

11.9. 3rd International Ankara Congress, Ankara, Turkey, October 2–4, 2020.

11.10. 3rd International Health Sciences Conference, Diyarbakır, Turkey, November 6–8, 2019.

11.11. THE MOSAIC 2018, Famagusta, Northern Cyprus, May 9–12, 2018.

11.12. TÜFTAD, Biotechnological Production and Good Manufacturing Practices, Ankara, April 6, 2018.

11.13. Ecology-2014 Symposium, Northern Cyprus, May 1–4, 2014.

11.14. 11th International Pharmaceutical Technology Symposium, Istanbul, Turkey, September 9–11, 2002.

11.15. IPORSIP-2002: The 3rd International Postgraduate Research Symposium on Pharmaceutics, Istanbul, Turkey, September 16–18, 2002.

12. Courses and Training Programs Attended

12.1. EMU Faculty of Pharmacy “2030 Vision Strategic Planning Workshop,” May 31, 2025.

12.2. Pharmacy Education Programs Evaluation and Accreditation Association, “KDER Evaluator Training-I,” May 6, 2025, Online.

12.3. Eastern Mediterranean University, In-Service Training Program, “Advanced Excel, Reporting, and Presentation.” TRNC, June 2022.

12.4. TÜBİTAK 1512 – BİGG Project, Online “Project Management and Project Cycle Training.” Turkey, February 2020.

12.5. TÜBİTAK 1512 – BİGG Project, “Online Business and Revenue Model Preparation Training.” Turkey, March 2020.

12.6. TÜBİTAK 1512 – BİGG Project, “Effective Presentation Preparation Techniques Training.” Turkey, May 2020.

12.7. Introduction to Lab Safety – Online Training, National Institutes of Health, U.S., February 2019.

12.8. Using Sci-Finder, Eastern Mediterranean University, Northern Cyprus, October 2015.

12.9. Pharmacy Management Seminar, Hedef İlaç Deposu, Eskişehir, Turkey, 2008.

12.10. Effective Use of the TEBEOS System, Bursa Eczakoop, Eskişehir, Turkey, 2008.

13. Memberships in Scientific and Professional Organizations

Turkish Association of Pharmaceutical Technology Researchers (2002–Present)

Turkish Association of Cosmetics Researchers (2002–Present)