



Leyla Beba Pozharani

Professional Summary

- ✓ Experienced Pharmaceutical Sciences Ph.D. with 5+ years in academia and industry. Expert in dosage form design, formulation development, and characterization techniques. Proficient in regulatory standards, laboratory techniques, and literature search. Strong interpersonal skills and a motivated contributor.

Work experience

2013 – Present:

Senior Instructor/Assistant Professor Pharmaceutical Technology Department; Faculty of Pharmacy; Eastern Mediterranean University (EMU); TRNC

- Expertly specializing in lectures on cutting-edge pharmaceutical technologies, with a focus on dispersions, semisolids, cosmetic science, and biopharmaceutics.
- Successfully coordinated group activities and provided comprehensive support to students, fostering an environment conducive to learning.
- Effectively supervised and guided students in laboratory practices and workshop materials, ensuring a hands-on and practical understanding of pharmaceutical concepts.
- Led research activities and collaborative projects focused on the design, formulation, and characterization of innovative drug delivery forms. Specialized in semisolids, hydrogels, and nanoparticles to contribute to advancements in pharmaceutical science.
- Published research findings in reputable professional journals and communicated insights through compelling oral presentations, highlighting a commitment to staying at the forefront of pharmaceutical research and development.

2009–2013

Pharmacy Manager • Farmed-M 2, Braka Ginoski, 1230 Gostivar, Republic of Northern Macedonia

- Providing pharmaceutical services to improve drug utilization and treatment outcomes.
- Compounding and dispensing medications in accordance with specified policies, processes, and protocols.

Pharmaceutical researcher dedicated to advancing healthcare through innovative drug development. Passionate about improving patient outcomes and seeking opportunities to contribute expertise in pharmaceutical sciences.



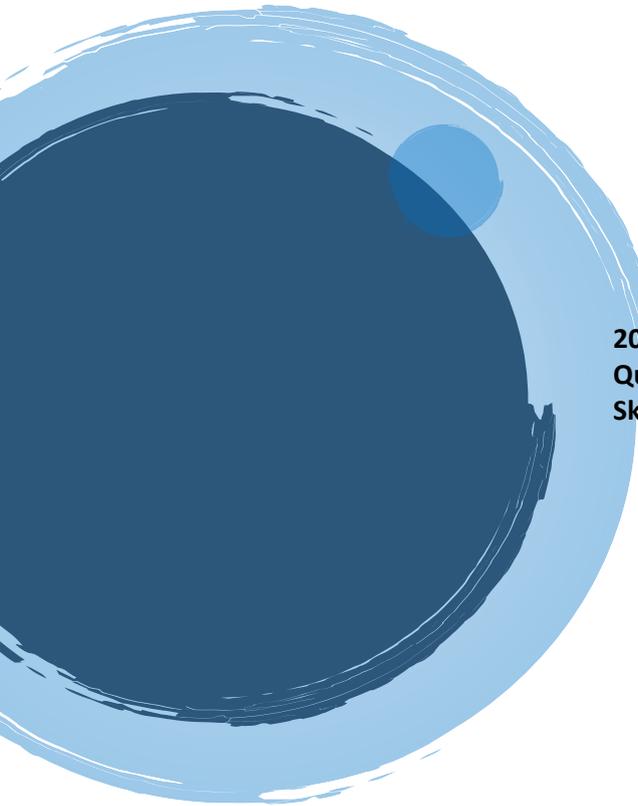
Famagusta, North
Cyprus
Mersin 10, Turkey



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- Stock control, supervision, and education of staff and pharmacy technicians.

2007–2009

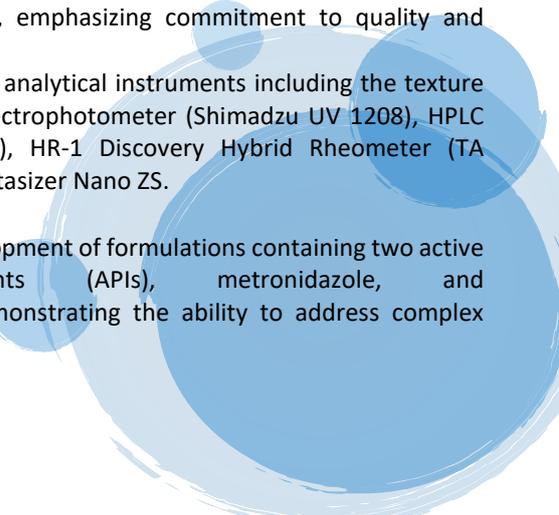
Quality Control Specialist • GEOPROM, Sava Kovacevic 17/2 No.2, 1000 Skopje, Republic of Northern Macedonia

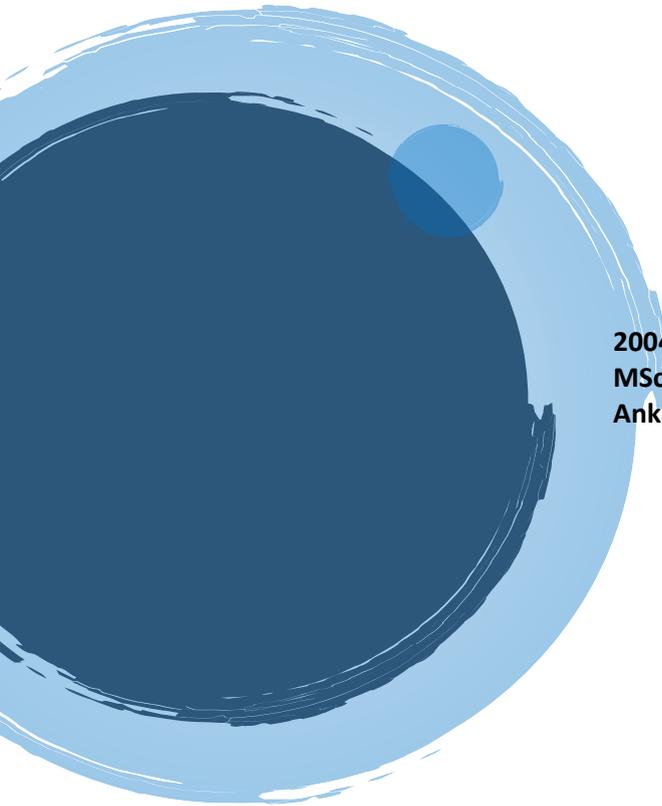
- Implemented and administered GMP and ISO management standards, crucial for ensuring pharmaceutical quality.
- Analyzed and prepared reports on product quality control, showcasing attention to detail and precision.
- Managed the supply of raw materials and maintained effective stock management, integral to pharmaceutical operations.
- Played a pivotal role in promoting and implementing quality improvements in operations and job performance.
- Collaborated on formulation development projects, contributing valuable insights from a quality control perspective to enhance product formulations.

Education and training

2014- 2020

PhD- Pharmaceutical Technology Department, Faculty of Pharmacy-EGE UNIVERSITY. Izmir/R. of Turkey

- Spearheaded the development and characterization of drug delivery forms, specifically focusing on vaginally administered formulations for parasitic protozoa infections.
 - Applied Box-Behnken statistical experiment design for systematic formulation optimization, showcasing expertise in Design of Experiments (DOE) for both optimization and process characterization.
 - Executed API assay methodologies in adherence to European Pharmacopoeia (EP) standards, ensuring precision and accuracy in pharmaceutical research.
 - Conducted stability studies of formulations following International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use (ICH) guidelines, emphasizing commitment to quality and compliance.
 - Proficiently utilized advanced analytical instruments including the texture analyzer (TA-Xt Plus), UV spectrophotometer (Shimadzu UV 1208), HPLC (Agilent 1290 infinity series), HR-1 Discovery Hybrid Rheometer (TA Instruments), and Malvern Zetasizer Nano ZS.
 - Actively involved in the development of formulations containing two active pharmaceutical ingredients (APIs), metronidazole, and curcumin/nanocurcumin, demonstrating the ability to address complex pharmaceutical challenges.
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- Demonstrated proficiency in safe laboratory practices and statistical analysis, ensuring rigorous and reliable research outcomes.

2004-2007

MSc- Pharmaceutical Technology Department, Faculty of Pharmacy- Ankara University. Ankara/R. of Turkey

- Applied advanced formulation techniques for modified-release indomethacin micromatrices, showcasing expertise in developing novel drug delivery systems. Successfully optimized formulations through statistical design, demonstrating a data-driven approach to research and development.
- Executed validation analyses and conducted in-vitro drug release experiments with precision, underscoring strong analytical skills vital for pharmaceutical research and quality control. Utilized sophisticated analytical techniques such as Differential Scanning Calorimetry and X-ray diffraction, ensuring thorough characterization of drug formulations.
- Applied a soaking procedure for the preparation of drug-loaded hydrogel micromatrices, showcasing innovative approaches to drug delivery system design. Implemented nonlinear regression analysis to establish correlations, highlighting a keen analytical mindset and problem-solving ability in pharmaceutical research.

1999-2003

Bachelor Degree in Pharmacy- Faculty of Pharmacy, Ege University. Izmir/R. of Turkey

- Applied comprehensive knowledge and expertise in biomedical science, pharmaceutical sciences, clinical sciences, and social and behavioral sciences.
- Integrated fundamental concepts and principles essential for drug discovery, development, and pharmacy practice contexts.
- Demonstrated a commitment to promoting population health and patient-centered care through the application of a diverse skill set in pharmaceutical sciences.
- Executed a wide range of practical experiences, including extensive lab practices, showcasing hands-on proficiency in various aspects of the pharmaceutical industry.

Personal skills and competences

Mother tongue(s): Turkish

Other language(s):

English (Fluently Speaking and Writing)

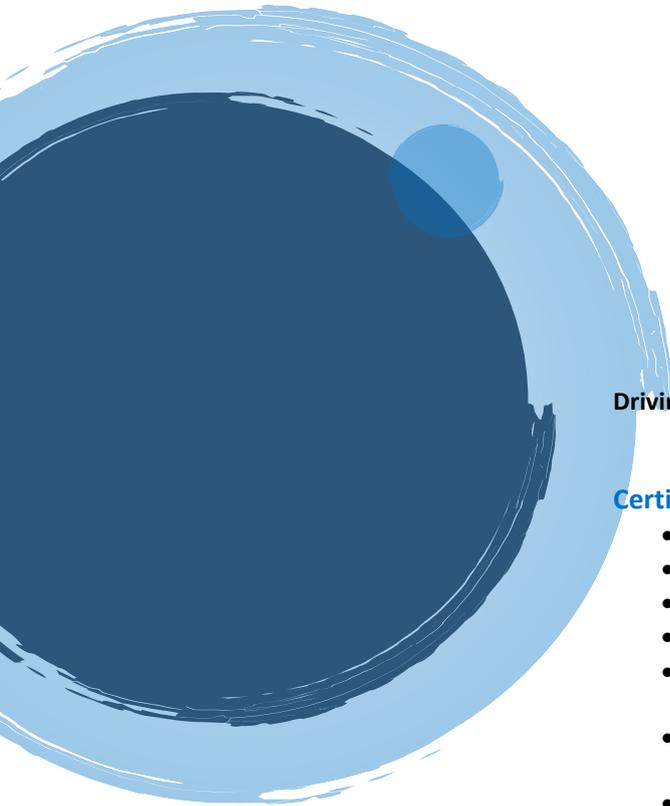
Serbo-Croatian & Macedonian (Fluently Speaking and Writing)

Albanian (Speaking and Writing Relatively Good)

French (Basic communication)

Computer skills and competences: MS Office (Word, Excel, PowerPoint)





Internet
Statistical Program GraphPad
Design-Expert 11.0.0 software

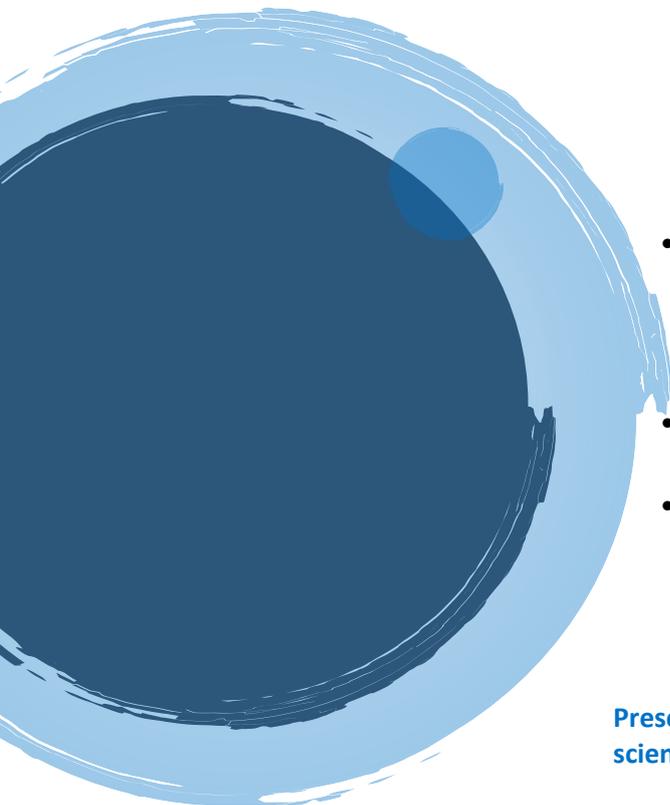
Driving license: Driver's License from 1999
(Category B)

Certificates:

- Stress management and teamwork-EMU 2023
- Communication and Body Language-EMU 2023
- Advanced Level, Reporting, and Presentation, Microsoft Excel-EMU 2022
- Learning Management System (MOODLE)-EMU 2020
- Introduction to Lab Safety, National Institutes of Health (NIH)-2019 USA. (Online-Attendance certificate)
- Global Harmonized system-2019 Atlanta–USA. (Online-Attendance certificate)
- 78th FIP World Congress of Pharmacy and Pharmaceutical Sciences, 2-6 September 2018 Glasgow, Scotland. (Attendance certificate)
- 2nd Pharm Sci Fair, 2009, Nice, France. (Attendance certificate)
- First aid training – 2009 Skopje, Republic of Northern Macedonia (Attendance certificate)

Publications:

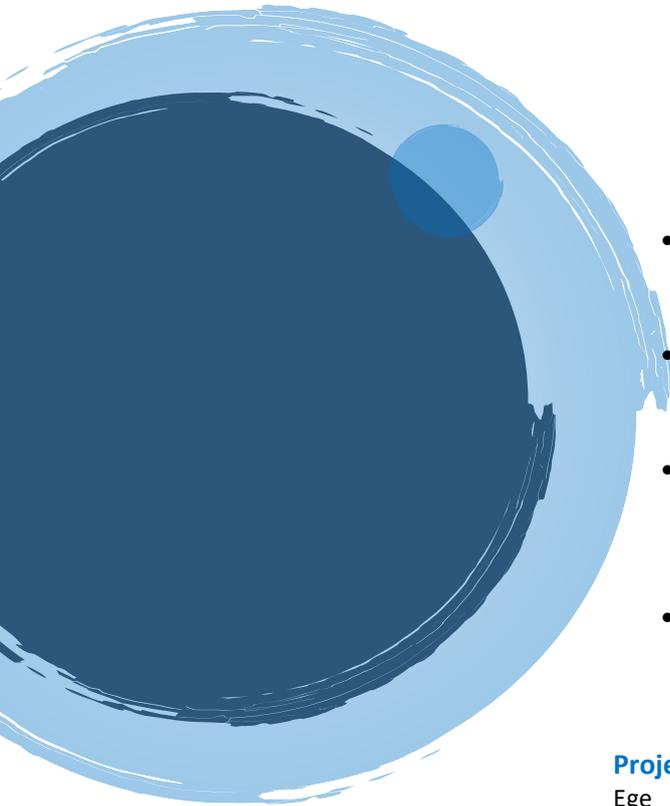
- Alhajj, L., Airemwun, C. O., & Pozharani, L. B. (2023). Formulation of aspirin nanoparticles using solvent evaporation method and in vivo evaluation of its antithrombotic effect. *Pakistan journal of pharmaceutical sciences*, 36(5 (Special)), 1583-1589.
- Jannat Al -Jubouri, Leyla Beba Pozharani, M. Çelik (2023). Common treatment formulation for non-scarring (Androgenetic) Alopecia: Mini review. *EMU Journal of Pharmaceutical Sciences*, 6(6), 57-64.
- Beba Pozharani, L., Baloglu, E., Suer, K., Guler, E., Burgaz, E. V., & Kunter, I. (2023). Development and optimization of in-situ gels for vaginal delivery of metronidazole and curcumin via box-behnken design: In vitro characterization and anti-trichomonas activity. *Journal of Drug Delivery Science and Technology*, 86, 104739.
- Türkmen, Ö., Beba Pozharani, L., & Amel, M. (2023). Formulation and in vitro evaluation of pramipexole orally disintegrating tablets for pediatric restless leg syndrome. *Journal of Research in Pharmacy*, 27(5).
- POJARANI, L. B., BURGAZ, E. V., & Baloglu, E. (2022). Development and validation of an RP-HPLC method for simultaneous determination of curcumin and metronidazole in combined dosage form. *Istanbul Journal of Pharmacy*, 52(3), 250-257.
- Moein, A.M.E.L., Beba Pojarani, L., Burgaz, E.V. and TÜRKMEN, Ö., (2022). Development and Validation of New RP-HPLC Method for Estimation of Pramipexole Dihydrochloride in Bulk and Pharmaceutical Formulation. *EMU Journal of Pharmaceutical Sciences*, 5(1), pp.1-10.
- POJARANI, L. B., & ZARIFIAZAR, S. (2020). Formulation and characterization of meloxicam loaded niosome-based hydrogel formulations for topical applications. *EMU Journal of Pharmaceutical Sciences*, 3(3), 194-204.



- Tilki, K., Jungreithmayr, V., Karahasan, G., Kelebek, Z., Sanajou, S., Pozharani, L. B., ... & Hamurtekin, E. (2019). Evaluation of the Annual Sales of Acetylsalicylic Acid, Metamizole and Paracetamol in North Cyprus: Emphasizing the Wide Paracetamol Use. *Journal of Health Science Research*, 1-9.
- E.D. Ozyilmaz, L. Pozharani, M. Alhadi, AE Ochanya. 'Orally disintegrating Tablets: A short Review', *EMU J Pharm. Sci.*, 2018; 1: 76-81.
- Yuksel, N., & Beba, L. (2009). Preparation and optimization of superabsorbent hydrogel micromatrices based on poly (acrylic acid), partly sodium salt-g-poly (ethylene oxide) for modified release of indomethacin. *Drug development and industrial pharmacy*, 35(6), 756-767.

Presented research findings through oral presentations at international scientific conferences;

- Leyla Beba Pozharani. Chronicles of Beauty: Tracing the Journey from Ancient Rituals to Modern Formulation and Trends. 1st Cosmetic Science Conference, 9-December 2023, Pristina R. Kosovo.
- Leyla Beba Pozharani* & E. Vildan Burgaz. Polymeric nanoparticles: a revolutionary approach to dermatological treatments. 5th International Congress on Multidisciplinary Scientific Studies and Global Applications, December 10-12, 2023, Baku, Azerbaijan.
- E. Vildan Burgaz* & Leyla Beba Pozharani. Development of RP-HPLC method for estimation of new nadifloxacin and curcumin combination. UMTEB – XIV International Scientific Research Congress September 14-15, 2023, Naples, Italy
- Leyla Beba Pozharani*, Ömer Türkmen & Moein Amel. Development And Evaluation of Pediatric Orodispersible Tablets of Pramipexole. ISPBS-6, 26-28 May 2022, Gaziantep University, Turkey.
- Mustafa Z. Mahdi, Expert Jannat Aljubouri, Leyla Beba Pozharani, Solubility Enhancement of Poor Water-Soluble Herbal Drug Curcumin by Solid Dispersion Technology, 25-26 December 2021, 8th International Medicine and Health Sciences Research Congress, Turkey.
- Leyla Beba Pozharani*, E. Vildan Burgaz, Ömer Türkmen, Moein Amel, Development and Validation of a New RP-HPLC Method for Estimation of Pramipexole Dihydrochloride in Bulk and Pharmaceutical Formulation, November 24-26, 4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), Ankara, Turkey.
- Leyla Beba Pozharani*, Jannat Wahtab H. Al-Jubouri¹, E. Vildan Burgaz, Metin Çelik, Formulation and Characterization of Dutasteride Emulgels, 17-20 June 2021 International Graduate Studies Congress, Turkey.
- Leyla Beba Pozharani* & Sheida Zarifi Azar, Development and Characterization of Meloxicam Loaded Niosome-Based Hydrogel Formulations for Topical Applications, 22-25 February 2021 International Symposium of Scientific Research and Innovative Studies, Turkey.



- L.Beba Pozharani, *In Vitro* Assessment and Comparison of Excipient Toxicity on Human Hepatic Adenocarcinoma Cell Line, 2021 8th Multidisciplinary Cancer Research Congress, Turkey.
- L.Beba Pozharani, E. V. Burgaz, E. Baloglu, Development of novel HPLC method for analysis of metronidazole and curcumin combination, 2018 78th FIP Congress in Glasgow, Scotland.
- L.Beba, N.Yuksel, Physicochemical characterization and in Vitro drug release study of indomethacin loaded superabsorbent hydrogel micromatrices based on poly (acrylic acid), partly sodium salt-g-poly(ethylene oxide), 2nd Pharm Sci Fair, 2009, Nice, France.
- N.Yuksel, L.Beba, Preparation and optimization of superabsorbent hydrogel micromatrice based on poly(acrylic acid), partly sodium salt-g- poly (ethylene oxide) for modified release of indomethacin, 2nd Pharm Sci Fair, 2009, Nice, France.

Projects:

Ege University (Türkiye) Scientific Research Projects Coordination (Project Number:18-ECZ-010)

Abilities:

- Enthusiasm and dedication performing as an individual contributor and in a team environment.
- Ability to search pertinent literature, design experiments independently and work with junior level scientists to achieve goals.
- Energetic, enthusiastic and self-motivated, with a strong desire to learn and contribute
- Ability to set priorities and follow through on commitments utilizing organizational skills.
- Creativity to solve technical and compliance problems.

In addition to my professional capabilities, I possess a genuine passion for exploring diverse cultures through travel. Immersing myself in different environments and engaging with people from various backgrounds significantly contributes to an enriched understanding of the world. Furthermore, I find solace and personal fulfillment in practicing yoga and participating in Zumba workouts. These activities not only contribute to physical well-being but also foster creativity and self-expression. Such pursuits align with my belief in maintaining a healthy work-life balance and nurturing personal growth.

References:

Could be provided upon request.

