

BUSE YILMAZ

BIOTECHNOLOGY / PHARMACEUTICAL SPECIALIST

PROFESSIONAL SUMMARY

A results-oriented Biotechnology / Pharmaceutical Specialist with 5 years of experience in molecular biology, genetic engineering, and drug discovery processes. I'm proficient in conducting laboratory operations, performing data analysis, and reporting scientific findings, having actively participated in R&D projects. Passionate about developing innovative biotechnological solutions and pharmaceutical products, I adhere strictly to GMP and GLP standards in my work.

CONTACT

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WORK EXPERIENCE

Senior R&D Specialist | March 2022 - Present

Biotechnology Pharmaceuticals Inc.

- Conducted laboratory work using molecular biology and cell culture techniques in the discovery and development processes of new drug candidates.
- Designed and executed experiments such as gene expression analyses (qPCR, Western Blot), protein purification, and characterization.
- Performed project-based data analysis and reporting, ensuring the presentation of scientific findings and contributing to decision-making processes.
- Managed laboratory operations and documentation in compliance with GMP (Good Manufacturing Practices) standards.
- Mentored team members, supporting them in developing their laboratory skills.

Research Assistant | September 2020 - February 2022

Institute of Experimental Biology

- Participated in CRISPR/Cas9-based gene editing projects using genetic engineering techniques.
- Performed gene sequence analyses and conducted database queries using bioinformatics tools.
- Contributed to project designs by staying updated with scientific literature and prepared articles for academic publications.
- Managed laboratory inventory and coordinated consumable orders.

ACADEMIC HISTORY

Bilgi University | September 2018 - June 2020

Master of Science: Molecular
Biology and Genetics

Ege University | September 2014 - June 2018

Bachelor of Science: Biology

SKILLS

- Molecular Biology Techniques (PCR, qPCR, Western Blot, ELISA)
- Cell Culture and Sterile Techniques
- Genetic Engineering (CRISPR/Cas9)
- Drug Discovery and Development
- Data Analysis and Statistics
- Bioinformatics Tools (NCBI, BLAST)
- Laboratory Management & Documentation (GLP, GMP)
- Scientific Reporting & Presentation
- MS Office (Excel, PowerPoint)