



CURRICULUM VITAE

Name and Surname: Besa BİLAKAYA
Date of Birth: 1996
Academic Title: Research Assistant
Work Address:
Email: bbilakaya@biruni.edu.tr
Area of Expertise: Biopharmaceutical and Pharmacokinetics
Cosmetology
Pharmaceutical Technology

Degree	Department/Program	University	Year
Doctorate	Department of Pharmacy Technology	Biruni University	Continues
Bachelor's Degree	SAĞLIK YÖNETİMİ PR. (AÇIKÖĞRETİM) (SAĞLIK LİSANS TAMAMLAMA)	İstanbul University	2023
Associate Degree	SAĞLIK KURUMLARI İŞLETMECİLİĞİ PR. (AÇIKÖĞRETİM)	İstanbul University	2018
Bachelor's Degree		Biruni University	2019

Position Title	Workplace	Year
Research Assistant	Biruni University	2021-Continues

Roles in Projects:

Aşıllarda Kullanılmak Üzere Kuantum Nokta İçeren Steril Enjeksiyonluk İlaç Formülasyonlarının Hazırlanması (2022 - 2024)
Diyabet Tedavisinde Oral Yoldan Uygulanabilen İnsülin-Karbon Kuantum Formülasyonunun Geliştirilmesi (2018 - 2021)

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Oral Active Carbon Quantum Dots for Diabetes", Pharmaceuticals, 2024.
A2. "A new approach for the treatment of Alzheimer's disease: insulin-quantum dots", Journal of Microencapsulation, 2024.
A3. "Phytochemical profiling and cardioprotective activity of *Vernonia amygdalina* ethanol extract (VAEE) against ISO-induced cardiotoxicity in rats", PHARMACIA, 2023.
A4. "Vernonia amygdalina protects against doxorubicin-induced hepatic and renal damage in rats: mechanistic insights", Pharmacia, 2023.
A5. "Development of composite carbon quantum dots-insulin formulation for oral administration", Journal of Drug Delivery Science and Technology, 2022.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. "Functionalized Nanomaterials for Cancer Research Applications in Treatments, Tools and Devices", Elsevier, 2024.