



CURRICULUM VITAE

Name and Surname: Gamze ÇAMLİK

Date of Birth: 1988

Academic Title: Assistant Professor

Work Address:

Email: gcamlik@biruni.edu.tr

Certificates Received: Sinirbilim Kurs Programı, Nörodegeneratif hastalıklar ve modelleme, Biruni Üniversitesi
Sabancı SUNUM Hücre Kültüründen Saflaştırmaya Biyoteknolojik İlaç Üretim Kursu
6th Workshop on Pulmonary DrugDelivery, Istanbul University
XVII. Deney Hayvanları Kullanım Sertifikası, Deney Hayvanları Kullanım Sertifikası

Area of Expertise: Biopharmaceutical and Pharmacokinetics
Cosmetology
Health Sciences
Nanotechnology
Other
Pharmaceutical Biotechnology
Pharmaceutical Technology
Pharmaceutics Technology
Pharmacology and Therapeutics

Degree	Department/Program	University	Year
Doctorate	PHARMACEUTICAL TECHNOLOGY (DR)	İstanbul University	2021
Bachelor's Degree	FACULTY OF PHARMACY	Bezmîâlem Vakıf University	2016
Bachelor's Degree	DEPARTMENT OF TEXTILE ENGINEERING	Çukurova University	2009

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Alzheimer hastalığında etkili nazal yoldan uygulanabilen hedeflendirilmiş insülin kuantum noktası kompleksinin geliştirilmesi

Position Title	Workplace	Year
Assistant Professor	Biruni University	2021-Continues
Research Assistant	Biruni University	2016-2021

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. NON-STEROİDAL ANTİİNFLAMATUAR İLAÇLARIN KUANTUM NOKTALARININ YARA İYİLEŞTİRİCİ ETKİLERİ (2027)

Roles in Projects:

"Siklo-Olefin Kopolimer Elastomer Esaslı Transdermal İlaç Taşıyıcı Sistem Geliştirilmesi" (2023 - Continues)
Aşılar da Kullanılmak Üzere Kuantum Nokta İçeren Steril Enjeksiyonluk İlaç Formülasyonlarının Hazırlanması (2022 - 2024)
Diyabet Tedavisinde Oral Yoldan Uygulanabilen İnsülin-Karbon Quantum Formülasyonun Geliştirilmesi (2018 - 2021)
Amfifilik Blok Kopolimerlerin Sentezi İçin İniferter Polimerizasyonu ile "Click" Reaksiyonlarının Birleştirilmesi (2015 - 2016)

Administrative Duties:

Exam Schedule Preparation Committee Member - Biruni University (2023 - Continues)
Member of the Program Accreditation-Self-Assessment Committee - Biruni University (2023 - Continues)
Vice Dean - Biruni University (2023 - Continues)
Other Academic Position - Biruni University (2023 - Continues)
Faculty Executive Board Member - Biruni University (2023 - Continues)
Head of Main Science/Science Department - Biruni University (2022 - Continues)
Faculty Executive Board Member - Biruni University (2022 - Continues)
Internship Committee Member - Biruni University (2016 - Continues)

Undergraduate and graduate level courses taught in the last two years (If offered, summer courses will also be added to the table):

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2024	Spring	Pharmaceutical Technology II			
2024	Spring	Pharmaceutical Technology Laboratory II			
2024	Spring	Biopharmaceuticals and Pharmacokinetics			
2024	Spring	Reaction Kinetics and Stability			
2024	Spring	Controlled Release Technology I			
2024	Fall	Farmasötik Teknoloji I			
2024	Fall	Pharmaceutical Technology Laboratory I			
2024	Fall	Cosmetology			
2024	Fall	Cosmetology Laboratory			
2024	Fall	Solid Pharmaceutical Forms Technology			

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Quantum Drugs (Q-Drugs): A New Discovery and Taboo Breaking Approach; Producing Carbon Quantum Dots from Drug Molecules", Pharmaceuticals, 2025.
- A2. "Polyscias scutellaria: An emerging source of natural antioxidants and anti-inflammatory compounds for health", Pharmacia, 2023.
- A3. "Can Carbon Quantum Dots (CQDs) or Boron Compounds be an Ultimate Solution for COVID-19 Therapy?", Iranian Journal of Pharmaceutical Research, 2021.
- A4. "Formation of quantum water in nanoparticulate systems", Journal of Drug Delivery Science and Technology, 2021.
- A5. "Can Carbon Quantum Dots (CQDs) or Boron Compounds be an Ultimate Solution for COVID-19 Therapy?", IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, 2021.

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.
- C2.2. "Nasal Drug Delivery Formulations, Developments, Challenges, and Solutions", Springer, 2023.
- C2.3. "Sağlık Bilimleri için Temel Farmakoloji", Ankara Nobel Tıp Kitapevleri, 2021.

D. Articles published in national peer-reviewed journals:

- D1. "A Validated High-Pressure Liquid Chromatography (HPLC) Method for Molnupiravir", Medical Research Archives, 2022.
- D2. "A smarter, tactical approach for combating Covid-19", İstanbul Journal of Pharmacy, 2022.
- D3. "New Usages for Known Drug Molecules", International Journal of Basic and Clinical Studies, 2018.