



SAĞLIK  
BİLİMLERİ  
ENSTİTÜSÜ



**DEPARTMENT OF  
PHARMACEUTICAL CHEMISTRY  
GRADUATE PROGRAMS**

# ACADEMIC STAFF

➤ Chair

- Prof. Dr. Sultan BAYTAŞ

➤ Lecturers

- Prof. Dr. Erden BANOĞLU
- Prof. Dr. S. Deniz DOĞRUER
- Prof. Dr. Gökçen EREN
- Prof. Dr. Burcu ÇALIŞKAN
- Prof. Dr. Yasemin DÜNDAR
- Prof. Dr. Azime Berna ÖZÇELİK
- Assoc. Prof. Dr. Zehra Tuğçe GÜR MAZ
- Assoc. Prof. Dr. Burcu KILIÇ
- Asst. Prof. Dr. Mahmut GÖZELLE
- Asst. Prof. Dr. Abdurrahman OLĞAÇ
- Asst. Prof. Dr. Deniz LENGERLİ
- Asst. Prof. Dr. Kübra İBİŞ

➤ Lecturers

- Res. Asst. PhD. Selen Gözde KAYA
- Res. Asst. PhD. Özge KUYRUKÇU ÖZTÜRK
- Lect. PhD. Azize Gizem ERGÜL
- Res. Asst. Fikriye ÖZGENÇİL
- Res. Asst. Mehmet KARATAŞ
- Res. Asst. Habibe Beyza GÜNİNDİ
- Res. Asst. Beyzanur KOÇ



# FIELDS OF RESEARCH



- Pharmaceutical or medicinal chemistry is a chemistry-based discipline that encompasses fundamental concepts from the biological and pharmaceutical sciences.
- It is interested in the discovery, design, development, identification, and preparation of biologically active compounds, their metabolism, mechanisms of action at the molecular level, and the establishment of structure-activity relationships.
- By focusing on the structure-activity relationships of drug molecules, pharmaceutical chemistry provides a clear understanding of both chemical and pharmacological principles and, in this respect, can be seen as the common denominator of synthetic organic chemistry and molecular pharmacology.



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



- **Automated Flash Chromatography systems**
- **Microwave Synthesis Systems**
- **Liquid Chromatography/Mass Spectrometry System (LC/MS TOF)**
- **Waters QDa II Mass Detector**
- **Infrared Spectrometer (IR)**
- **NMR Spectrometer (60 MHz)**
- **Melting point determination devices**
- **UPLC system**
- **Pure water devices**
- **Ovens and Vacuum Ovens**
- **Ultrasonic Bath**
- **Starfish multiple reaction module**
- **Precision Scale**
- **Laboratory equipment suitable for chemical synthesis studies**



# QUOTA NUMBERS AND PROGRAM ADMISSION REQUIREMENTS FOR SPRING SEMESTER 2025/2026



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QUOTA			SCORE TYPE	PROGRAM TYPE	SCORE CRITERIA		
MASTER'S DEGREE	DOCTORATE	FOREIGN NATIONAL MA/DR.			ALES SCORE/ *TUS*	FOREIGN LANGUAGE SCORE	GRADUATION GRADE (UNDERGRADUATE / MA)
2	2	-	NUM.	MASTER'S DEGREE	60	50	2.50/4.00
			NUM.	DR.	70	60	3.00/4.00

## UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

MASTER'S DEGREE	2544	PHARMACY
	3743	CHEMISTRY
DOCTORATE	2544	PHARMACY

