



SAĞLIK
BİLİMLERİ
ENSTİTÜSÜ



ENSTİTÜSÜ
BİLİMLERİ

**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. Murat Kadir ŞÜKÜROĞLU
- Prof. Dr. Azime Berna ÖZÇELİK
- Assoc. Prof. Dr. Zehra Tuğçe GÜR MAZ
- Asst. Prof. Dr. Mahmut GÖZELLE
- Asst. Prof. Dr. Burcu KILIÇ
- Asst. Prof. Dr. Abdurrahman OLĞAÇ
- Asst. Prof. Dr. Deniz LENGERLİ
- Asst. Prof. Dr. Kübra İBİŞ

➤ Lecturers

- Res. Asst. PhD. Selen Gözde KAYA
- Res. Asst. Özge KUYRUKÇU ÖZTÜRK
- Res. Asst. Fikriye ÖZGENCİL
- Res. Asst. Mehmet KARATAŞ
- Lect. Ayhan İbrahim AYSAL



FIELDS OF RESEARCH



- Pharmaceutical or medicinal chemistry is a chemistry-based discipline that includes fundamental concepts associated with biological and pharmaceutical sciences.
- It is interested in the discovery, design, development, identification and preparation of biologically active compounds, the metabolism of these compounds, their 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 it can be seen as the common denominator of the fields of synthetic organic chemistry and molecular pharmacology.



RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



SAĞLIK
BİLİMLERİ
ENSTİTÜSÜ

- **Automated Flash Chromatography systems**
- **Microwave Synthesis Systems**
- **Liquid Chromatography/Mass Spectrometry System (LC/MS TOF)**
- **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 2023/2024



SAGLIK
BİLİMLERİ
ENSTİTÜSÜ

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)
4	3	-	NUM.	MASTER'S DEGREE	70	55	2.50/4.00
			NUM.	DR.	75	70	3.00/4.00

UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

MASTER'S DEGREE	2544	PHARMACY
	3743	CHEMISTRY
DOCTORATE	2544	PHARMACY

