



SAĞLIK
BİLİMLERİ
ENSTİTÜSÜ



ENSTİTÜSÜ
BİLGİ TEKNOLOJİLERİ

**FACULTY OF MEDICINE
DEPARTMENT OF MEDICAL
PHARMACOLOGY
GRADUATE PROGRAMS
JANUARY 2024**



ACADEMIC STAFF

- Prof. Dr. Sevil ÖZGER İLHAN (Head of Department)
- Prof. Dr. Çimen KARASU
- Prof. Dr. Canan ULUOĞLU
- Prof. Dr. Süreyya BARUN
- Assoc. Prof. Dr. Ergin DİLEKÖZ
- Assoc. Prof. Dr. Gökçe Sevim ÖZTÜRK FİNCAN
- Research Assistant Muhammed Cihan GÜVEL
- Research Assistant Utku AYKAN
- Research Assistant Celil İlker AŞKIN
- Research Assistant Aynur ARSLAN SABANCI
- Research Assistant Ayşe Kübra KİBAR
- Research Assistant Enes EZBER
- Research Assistant Gökçen PAYKAL
- Research Assistant Tilbenur AKYEL
- Research Assistant Taner ÇİN





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MEDICAL PHARMACOLOGY MASTER'S AND PHD PROGRAM INFORMATION

- <https://obs.gazi.edu.tr/oibs/bologna/index.aspx?lang=tr&curOp=showPac&curUnit=85&curSunit=855151115>



AREAS OF RESEARCH

1) **In-vitro isolated tissue or organ research:**

- Determination of the effects of drugs and biologically active substances by in vitro methods (isolated organ bath or isolated perfused systems).

2) **Chromatographic analytical research:**

- Quantitative analysis of drugs and biologically active substances in biological fluids.

3) **Cell culture research:**

- Investigation of mechanisms of action of redox active natural, synthetic and semisynthetic potential drug molecules.
- Research in disease models of diabetes, Alzheimer's disease, diabetic Parkinson's disease, arthritis and inflammation.

4) **Behavioral tests:**

- Open field test, elevated plus maze test, Barnes maze test, radial arm maze test, tail suspension test.

5) **Pharmacoepidemiology and pharmacovigilance studies**

6) **Clinical and experimental research on neuroinflammation**

7) **Clinical drug trials**





RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

Medical Pharmacology Laboratory, 4th Floor (No: 402)

- HPLC (HP Brand, DAD, EC and FD)
- Refrigerated centrifuge (Hettich)
- Precision Balance (Sartorius)
- Nitrogen Evaporator (Techne)
- pH meter (Schott)



RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

Medical Pharmacology Laboratory, 4th Floor (No: 422)

- Precision Balance (Presica)
- Refrigerated Centrifuge (Hettich)
- Hot Plate (Boeca)
- Shaker (Biosan)
- Air Filter (Virobuster)
- CO2 incubator (Nüve)
- CO2 incubator (Sanyo)
- Microscope (Leica)
- Microbiological Safety Cabinet (Nüve)





RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

Medical Pharmacology Laboratory, 4th Floor (No: 423)

- Precision Balance
- Isolated organ bath system
- Myograph



RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

Medical Pharmacology Laboratory, 3rd Floor

- Microbiological Safety Cabinet (Nüve)
- Microscope (Best Scope)
- Gel Imaging System (G-Box)
- Flow Cytometry (Muse cell analyzer)
- CO2 incubator (Thermo Scientific)
- CO2 incubator (Panasonic)



QUOTA NUMBERS AND PROGRAM ADMISSION REQUIREMENTS FOR SPRING SEMESTER 2024

QUOTA			SCORE TYPE	PROGRAM TITLE	PUAN KRİTERLERİ		
MASTER'S	PhD	FOREIGN NATIONALITY MASTER'S/ PhD			ALES SCORE/TUS	YDS SCORE	GRADUATION SCORE (UNDERGRADUATE/GRADUATE)
-	1	1/1	E.A/SAY	MASTER'S			
			E.A/SAY	PhD	Sayısal 70	Sayısal 75	
UNDERGRADUATE PROGRAMS FOR ADMITTING STUDENTS							
PhD	5370	Faculty of Medicine					
MASTER'S	2544 2490 7371	Faculty of Pharmacy Faculty of Dentistry Faculty of Veterinary Medicine					

