



**INSTITUTE OF  
HEALTH  
SCIENCES**

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

**February 2026**





## ACADEMIC STAFF

- Prof. Dr. Sevil ÖZGER İLHAN (Head of Department)
- Prof. Dr. Çimen KARASU
- Prof. Dr. Canan ULUOĞLU
- Prof. Dr. Süreyya BARUN
- Prof. Dr. Gökçe Sevim ÖZTÜRK FİNCAN
- Doç. Dr. Ergin DİLEKÖZ
- Lec. Dr. Muhammed Cihan GÜVEL



## ACADEMIC STAFF (Continued)

- Specialist Dr. Aynur ARSLAN SABANCI
- Specialist Dr. Gökçen Paykal
- Res. Dr. Tilbe Nur Akyel
- Res. Dr. Taner Çin
- Res. Dr. Alara Can
- Res. Dr. Sümeyye Büşra Baş



# **FIELDS OF RESEARCH**

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

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

## **2) Chromatographic analytical research:**

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

## **3) Cell culture research:**

- Investigation of the mechanisms of action of redox-active natural, synthetic, and semi-synthetic potential drug molecules. Research in models of diabetes, Alzheimer's, diabetic Parkinson's, arthritis, and inflammatory diseases.

## **4) Clinical and experimental research related to neuroinflammation.**

## **5) Neurobehavioral research**

## **6) Pharmacoepidemiology and pharmacovigilance research**

## **7) Clinical drug phase studies**



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

## 1) Medical Pharmacology Laboratory 4th Floor (Room No: 402)

- HPLC (HP Brand, DAD, EC, and FD)
- Refrigerated centrifuge (Hettich)
- Precision scale (Sartorius)
- Nitrogen evaporator (Techne)
- pH meter (Schott)
- Barnes maze
- Open field test area (1 in mice sized, 2 in rat sized)
- Eight-arm radial maze
- Tail suspension test area
- Novel object recognition test environment tools



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

## 2) Medical Pharmacology Laboratory 4th Floor (Room No: 422)

- Precision Scale (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)

## 3) Medical Pharmacology Laboratory 4th Floor (Room No: 423)

- Precision Scale
- Isolated Organ Bath System
- Myograph



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)

## 4) Medical Pharmacology Laboratory 3rd Floor

- Mikrobiyolojik Güvenlik Kabini (Nüve)
- Mikroskop (Best Scope)
- Jel Görüntüleme Sistemi (G-Box)
- Flow Sitometri (Muse cell analyzer)
- CO2 inkübatörü (Thermo Scientific)
- CO2 inkübatörü (Panasonic)





# Quota Numbers and Admission Requirements for the Spring Term of 2025/2026

QUOTA NUMBERS			SCORE TYPE	PROGRAM TYPE	SCORE CRITERIA		
Masters Degree (MSc)	Doctorate (PhD)	Foreign Student MSc / PhD			ALES SCORE/ *TUS*	FOREIGN LANGUAGE SCORE	GRADUATION GRADE (Undergraduate / MSc)
-	-	-	NUM.	MSc	70 (SAY)	70	2.50/4.00
-	3	-	NUM.	PhD	70 (SAY)	75	2.50/4.00

## Undergraduate Programs Admitting Students

DOCTORATE	5370	Faculty of Medicine
MASTERS DEGREE	2544 2490 7371	Faculty of Pharmacy Faculty of Dentistry Faculty of Veterinary Medicine