



INSTITUTE OF
HEALTH
SCIENCES

FACULTY OF MEDICINE
DEPARTMENT OF MEDICAL PHARMACOLOGY
GRADUATE PROGRAMS

September 2025



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ACADEMIC STAFF

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



AKADEMİK KADRO (Continued)

- Res. Dr. Aynur ARSLAN SABANCI
- Res. Dr. Enes Ezber
- Res. 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 2024/2025

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)
1	-	-	NUM.	MSc	70 (SAY)	70	2.50/4.00
-	2	-	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