



SAĞLIK
BİLİMLERİ
ENSTİTÜSÜ



ΕΠΙΣΤΗΜΟΛΟΓΙΑ
ΒΙΟΪΑΤΡΙΚΗΣ

PHARMACOLOGY GRADUATE PROGRAMS

ACADEMIC STAFF



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- **Prof. Dr. Mustafa ARK** (Head of Department)
- **Prof. Dr. Aysun ÖZDEMİR**
- **Doç. Dr. Nur Banu BAL**
- **Dr. Öğr. Üyesi Yaprak D. ŞİMAY DEMİR** (Deputy Head of Department)
- **Dr. Öğr. Üyesi Zeynep Elif YEŞİLYURT DİRİCAN**
- **Araş. Gör. Tuğçe TAYYAR**



FIELDS OF RESEARCH



- Development of various disease models in experimental animals and physiopathological mechanism studies
- Finding new drug targets; in-vivo/in-vitro studies on the effects and mechanisms of action of molecules that may be drug candidates
- Isolated tissue, organ experiments and molecular pharmacology studies
- Cell culture experiments and molecular pharmacology studies
- Cancer biology
- Effect of morphological changes in cells on cellular responses
- Research on inflammation, pain and analgesia mechanisms



RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



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1. Isolated organ and perfusion system, computerised data recording system
2. Western Blot and 2D Gel Electrophoresis System
3. Laminar Flow Cabin
4. Incubator with CO₂
5. Phase Contrast Inverted Microscope with Fluorescence Attachment
6. xCELLigence DPSystem
7. Juli (live cell film production system)
8. Chemiluminescent membrane imaging
9. Microtom
10. Holomonitor M4
11. Ultrasantrifuge
12. Precision scale
13. Refrigerated centrifuge
14. Leica DMI8 Microscope
15. Plethysmometer, Tail-Cuff



Quota Numbers And Admission Requirements For the 2025/2026 Spring Semester



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QUOTA			SCORE TYPE	PROGRAM TYPE	SCORE CRITERIA		
MASTER'S DEGREE	DOCTORATE	FOREIGN NATIONAL MA/DR.			ALES SCORE	FOREIGN LANGUAGE SCORE	GRADUATION GRADE (UNDERGRADUATE / MA)
5	-	-	E.W./NUM.	MASTER'S DEGREE	70	55	2,5
			E.W./NUM.	DR.	70	65	3

UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

DOCTORATE	Farmakoloji	
	Farmakoloji ve Klinik Farmakoloji	
	Tibbi Farmakoloji	
	Tibbi Farmakoloji ve Klinik Farmakoloji	
	Eczacılık	
MASTER'S DEGREE	Tıp	

