



SAĞLIK  
BİLİMLERİ  
ENSTİTÜSÜ



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BİLİMLERİ

**DEPARTMENT OF TOXICOLOGY**  
**GRADUATE PROGRAMS**  
**Sports Pharmacy and Forensic Pharmacy**  
**Non-Thesis Master's Programs**

# ACADEMIC STAFF

## Sports Pharmacy Program:



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- Doç. Dr. Aysun HACIŞEVKİ (Head of Department)
- Prof. Dr. İlkay ERDOĞAN ORHAN
- Prof. Dr. Yeşim ÖZKAN
- Prof. Dr. Aysel BERKKAN
- Prof. Dr. H. Eda ŞATANA KARA
- Prof. Dr. Ufuk KOCA ÇALIŞKAN
- Prof. Dr. Çimen KARASU
- Prof. Dr. Nevin Aysel GÜZEL
- Prof. Dr. Eda KÖKSAL
- Prof. Dr. Latif AYDOS
- Prof. Dr. Mehmet GÜNAY
- Prof. Dr. Özbay GÜVEN Prof.
- Dr. Hacı Ahmet PEKEL Doç. Dr.
- Emre Ozan TİNGAZ Dr. Öğr.
- Üyesi Nur Banu BAL Dr. Öğr.
- Üyesi Gizem GÜLPINAR



# ACADEMIC STAFF

## Forensic Pharmacy Program:

- Doç. Dr. Aysun HACIŞEVKİ (Head of Department)
- Prof. Dr. Bensu KARAHALİL
- Prof. Dr. Ela KADIOĞLU
- Prof. Dr. Sevgi AKAYDIN
- Prof. Dr. İlkay ERDOĞAN ORHAN
- Prof. Dr. Mustafa ASLAN
- Prof. Dr. Uğur TAMER
- Prof. Dr. Aysel BERKKAN
- Prof. Dr. H. Eda ŞATANA KARA
- Doç. Dr. Esra EMERCE
- Dr. Öğr. Üyesi Nur Banu BAL
- Dr. Öğr. Üyesi Onur Kenan ULUTAŞ



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# FIELDS OF RESEARCH

There are two non-thesis master's programs within our department: Sports Pharmacy and Forensic Pharmacy.



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## Research Areas of Sports Pharmacy Program:

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- Safe and appropriate use of performance enhancing products and drugs,
- Doping compounds included in the list of prohibited substances and drugs, their pharmacological and adverse effects,
- Doping analysis,
- Food supplements, nutraceuticals and their quality controls used by athletes,
- Pharmaceutical care and the contribution of the pharmacist in sports injuries and sports nutrition.

## Research Areas of the Forensic Pharmacy Program:

- Responsibility and role of the pharmacist in suspicious deaths and poisonings, substance addiction, problems caused by drug therapy and undesirable effects,
- Wrongdrug administration, counterfeit drug production, drug abuse, biological/chemical and toxicological analyzes of biological materials, postmortem biochemistry,
- Legal responsibilities of drug treatment.



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



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The device infrastructure in the Faculty of Pharmacy Research Laboratories constitutes our research opportunities. Some of these are listed below:

- HPLC (AgilentTechnologies 1220 infinityLC, Shimadzu)
- Lyophilizer(LylabC, Telstarlyoquest)
- Deepfreezer(JouanVx-530)
- UV/VIS spectrophotometer(Tetra80, UnicoUV/VIS DoubleBeam)
- Centrifuge(JouanMR 1822, BOECO U-320R)
- Distilledwaterdevice(GFL)
- Incubator(Jouan)
- Libra(And, Kern, LibrorAEG-20,Radwag, Sartorius, Ohaus, Shimadzu)
- Mini centrifuge(Hettichzentrifugen)
- Microplatereader(Versamax)
- Rotavapor(Heidolph, Buchi)



- Vortex(Firlabo, VelpScientifica)
- Mantleheater(Falc)
- Mixer(İKA LaborTechnic, Biosanmagnetik)
- Ultrasonicbath(UltrasonicLC30, Sonorex, AlexMachine)
- Etuv(İldam, Selecta, Nüve N40, Heraeus)
- Microscope(Leica, Euromexarnhem, Olympus)
- Shaker(Lamline, Wise shake)
- Heatershaker(Zticteng)
- Autoclave(Pimed)
- Waterbath(Şimşek LaborTeknik, Nüve BM402)
- Homogenizer(Janke&Kumkel)
- Phmeter(HennaHI 221)
- Heatingblock(Wise TermHB48)
- UV Lamp(Kamag)





# 2024/2025 Fall Semester Quotas and Program Admission Requirements



			SCORE TYPE	PROGRAM TYPE	SCORE CRITERIA		
SPORTS PHARMACY NON-THESIS MASTER'S DEGREE	FORENSIC PHARMACY NON-THESIS MASTER'S DEGREE	FOREIGN NATIONAL MA/DR.			ALES SCORE/ *TUS*	FOREIGN LANGUAGE SCORE	GRADUATION GRADE (UNDERGRADUATE / MA)
-	-	-	NUM.	SPORTS PHARMACY NON-THESIS MASTER'S DEGREE	55	-	2.30/4.00
-	-	-	NUM.	FORENSIC PHARMACY NON-THESIS MASTER'S DEGREE	55	-	2.30/4.00

## UNDERGRADUATE PROGRAMS ADMITTING STUDENTS

DOCTORATE	-	-
	-	-
	-	-
NON-THESIS MASTER'S DEGREE	2544	PHARMACY