



SAĞLIK  
BİLİMLERİ  
ENSTİTÜSÜ



ENSTİTÜSÜ  
BİLGİ TEKNOLOJİLERİ

# PHARMACOGNOSY AND PHYTOTHERAPY GRADUATE PROGRAMS

# ACADEMIC STAFF



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- **Prof. Dr. Didem DELİORMAN ORHAN**
- **Prof. Dr. İlkey ERDOĞAN ORHAN**
- **Prof. Dr. İlhan GÜRBÜZ**
- **Prof. Dr. Mustafa ASLAN**
- **Prof. Dr. Osman ÜSTÜN**
- **Prof. Dr. Esra AKKOL (Anabilim Dalı Başkanı)**
- **Prof. Dr. Ufuk KOCA ÇALIŞKAN**
- **Prof. Dr. İpek SÜNTAR**
- **Prof. Dr. Fatma Sezer ŞENOL DENİZ**
- **Assoc. Prof. Hasya Nazlı GÖK**
- **Asst. Prof. Tuğba GÜNBATAN**
- **Res. Asst. PhD. Methiye MANCAK**
- **Res. Asst. PhD. Esra Gizem TÜRKCANOĞLU**
- **Res. Asst. Sultan PEKACAR**
- **Res. Asst. Elif DİLMAÇ**



# FIELDS OF RESEARCH



- Determination, isolation and structure determination of natural bioactive compounds of biological origin
- Determination of biological activities of medicinal plants by *in vitro* and *in vivo* methods
- Quality control and standardisation of herbal drugs and extracts
- Analysis of herbal medicines used in phytotherapy
- Quality control of food supplements and nutraceuticals of natural origin
- Testing different parameters and carrying out standardisation studies to obtain standardised raw materials from Medicinal and Aromatic Plants
- Isolation and structure determination studies of compounds that may have drug potential from Medicinal and Aromatic Plants
- Development and validation of analysis methods of herbal raw materials and products
- Development and formulation studies of raw materials to be used in cosmetics and cosmetic products from medicinal and aromatic plants
- Development and formulation studies of food supplements and herbal medicines from traditional folk medicines of Anatolia
- Determining the traditional use of medicinal plants in Türkiye with the principle of ethnobotanical study



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



SAĞLIK  
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- Lylab C lyophilizer
- Telstarlyoquest lyophilizer
- Jovan Vx-530 freezer
- Tetra80 UV/VIS spectrophotometer
- Jovan MR 1822 centrifuge
- GFL distille water device
- Zwick/Roeltensimeter
- Kutay binocularloop
- Agilent Tecjologies 1220 infinity LC HPLC
- Jovan incubator
- Pharma- teachrear counter current chromatography
- Agilent HPLC
- Kern scales
- Buchi spraydryer
- Hettichzentrifugen mini centrifuge
- Memmert water bath
- Heidolph rotary evaporator
- Buchi rotary evaporator and vacuum pump
- Buchi vacuum pump
- Vortex
- Heating mantle
- Arçelik refrigerator
- Arçelik freezer
- Merek pulverizer
- AND scale
- Libror AEG-20 precision scale
- Radwag precision scale
- Camag TLC set
- Herb grinder
- Combi Flash chromatography - preparative HPLC
- Kutay binocularloop
- Lauda Alpha RA8 circulator
- Spectramax microplate reader



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



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- Kiflap vacuum pump
- İKA labortechnik mixer
- Ultrasonic LC30 ultrasonic bath
- Sonerex ultrasonic bath
- Camag UV lamp
- İldam oven
- Firlabo vortex
- Leica microscope
- Lamline shaker
- Wise shake shaker
- Tezsan chemical cabinet
- Sartorius scales
- VLM EVA2 tube mixer shaker
- Zticteng heating mixer
- Pimed autoclave
- Beko water heater
- Arçelik dish washer
- Fujitsu desktop computer
- BOECO U-320R centrifuge
- Jouvan incubator
- Tel Star cabin
- Vestel Bio air conditioner
- UV lamp
- Selecta oven with vacuum
- VelpScientifica vortex
- Bosch refrigerator
- Uğur freezer
- CAMAG UV lamp
- Ohaus digital scale
- Sartorius dijital scale
- Alex Machine ultrasonic bath
- Nüve BM402 water bath
- Nüve N40 oven
- Motic microscope BA200
- Janke&Kumkel homogenizator
- Euromexarnhem microscope
- Olympus microscope
- Biosan magnetic mixer
- Henna HI 221 Ph meter
- Elektrik water heater



# RESEARCH FACILITIES (LABORATORY INFRASTRUCTURE)



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- Firlabo vortex
- WiseTerm HB48 heating block
- Nabertherm muffle furnace 600°C
- Şimşek labor teknik water bath
- Nüve water bath
- Nüve BM402 1994 MODEL
- Nüve BM402 1999 MODEL
- Leica microscope
- Leica model 1349522
- Heraeus oven
- Termal oven
- Falc mantle heater



# QUOTA NUMBERS AND PROGRAM ADMISSION REQUIREMENTS FOR FALL SEMESTER 2024/2025



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	QUOTA			SCORE TYPE	PROGRAM TYPE	SCORE CRITERIA		
	MASTER'S DEGREE	DOCTORATE	FOREIGN NATIONAL MA/DR.			ALES SCORE/ *TUS*	FOREIGN LANGUAGE SCORE	GRADUATION GRADE (UNDERGRADUATE/MA)
PHARMACOGNOSY	2	1	-	E.W./NUM.	MASTER'S DEGREE	55	60	2,50
				E.W./NUM.	DR.	60	70	2,50
PHYTOTHERAPY	4 (WITH THESIS)	-	-	E.W./NUM.	MASTER'S DEGREE (WITH THESIS)	55	55	2,50
	- (NON-THESIS)	-	-	E.W./NUM.	MASTER'S DEGREE (NON-THESIS)	-	-	-
	UNDERGRADUATE PROGRAMS ADMITTING STUDENTS							
PHARMACOGNOSY	DOCTORATE	2544	FACULTY OF PHARMACY (5 YEAR)					
		2544+2551	FACULTY OF PHARMACY + PHARMACEUTICAL PROFESSIONAL SCIENCES					
		2544+2901	FACULTY OF PHARMACY + PHYTOTHERAPY					
MASTER'S DEGREE	2544	FACULTY OF PHARMACY						
PHYTOTHERAPY	MASTER'S DEGREE	2490	FACULTY OF DENTISTRY					
		2544	FACULTY OF PHARMACY					
		5370	FACULTY OF MEDICINE					