Course Syllabus

Code - Course Title	**FKL523 - Experimental Pharmacology I**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. SÜLEYMAN AYDIN

Mode of Delivery	Face-to-face

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to experimental methods	
Week - 2		Laboratory safety, instruments and automation	
Week - 3		Experimental studies and ethics; information resources of experimental procedures.	
Week - 4		Planning experiments and methods of data collecting and information mining.	
Week - 5		Data evaluation methods and process of information production.	
Week - 6		in vivo methods in pharmacology	
Week - 7		in vivo methods in pharmacology	
Week - 8		in vivo methods in pharmacology	
Week - 9		in vitro methods in pharmacology	
Week - 10		in vitro methods in pharmacology	
Week - 11		in vitro methods in pharmacology	
Week - 12		in vitro methods in pharmacology	
Week - 13		in vitro methods in pharmacology	
Week - 14		Reports and evaluation	

Learning Outcomes

#	Learning Outcome
1	1. Will be able to Define ethical issues and information resources. 1.1. Describe ethical issues. 1.2. Express information resources. 1.3 Use information sources. 2. Will be able to Explain the importance of experimental animals in drug research. 2.1 Explain physiological properties of experimental animals. 2.2 Compare relationships between organ and systems. 2.3 Discuss in vivo actions of drugs. 3. Will be able to Explain the role and importance of in vitro experimental studies in drug research. 3.1 Describe the role of in vitro methods in drug research. 3.2 Discuss the role of isolated systems in drug research 3.3 Evaluate the role of molecular information on in vivo drug actions.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	10
Final Exam	1	40
2.Midterm Exam	1	10
3.Midterm Exam	1	40
	Sum (%)	**100**