Course Syllabus

Code - Course Title	**FKL609 - Biochemical Pharmacology**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. RANA ARSLAN

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Cell structure, functions and membrane potential	
Week - 2		Introduction and Basic Concepts	
Week - 3		Drug Interactions at the Cellular Level	
Week - 4		Receptors (types , functions etc.)	
Week - 5		Biochemical Targets of Drugs	
Week - 6		Pharmacokinetic Processes	
Week - 7		Pharmacodynamic Processes	
Week - 8		Cellular Signaling	
Week - 9		Drug Metabolism and Detoxification	
Week - 10		Drug Resistance and Tolerance	
Week - 11		Biochemical Toxicology	
Week - 12		effects of drugs on signal transduction	
Week - 13		Targeted Drug Design	
Week - 14		Biochemical Pharmacology in Clinical Applications	

Learning Outcomes

#	Learning Outcome
1	classify the signal transduction systems of drugs.
2	classify the receptors, their subtypes and their ligands.
3	compare tothe intracellular changes caused by drugs.

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.