Course Syllabus

Code - Course Title	**FKL525 - Ion Channels Pharmacology**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. NAZLI TURAN YÜCEL

Mode of Delivery	Face to face
Prerequisites	No prerequisites or co-requisites.
Courses Recomended	-
Recommended Resources	-
Work Placement	-

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		General Features of Ion Channels	
Week - 2		General Features of Ion Channels	
Week - 3		The Molecular Structure of Ion Channels	
Week - 4		The Molecular Structure of Ion Channels	
Week - 5		Various Functions of Ion Channels	
Week - 6		Various Functions of Ion Channels	
Week - 7		Types of Ion Channels	
Week - 8		Ligand-Gated Ion Channels	
Week - 9		Voltage-Gated Ion Channels	
Week - 10		Mechanically-Gated Ion Channels	
Week - 11		Leak Channels	
Week - 12		Drugs Targeting Ion Channels	
Week - 13		Drugs Targeting Ion Channels	
Week - 14		Ion Channel Disorders and Related Diseases	

Learning Outcomes

#	Learning Outcome
1	will be able to explain the general features of ion channels.
2	will be able to list the types of ion channels.
3	will be able to discuss the pharmacological importance of ion channels.

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.