Course Syllabus

Code - Course Title	**FKM536 - Drug Design for Neurodegenerative Diseases**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. BEGÜM NURPELİN SAĞLIK ÖZKAN

Mode of Delivery	Face to face learning
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional program component for this course.
Recommended Resources	There is no recommended or required reading for this course.
Work Placement	Work Placement is not applicable.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to neurodegenerative diseases	
Week - 2		Classification of neurodegenerative diseases	
Week - 3		Drugs effective in neurodegenerative diseases	
Week - 4		Mechanisms of action of drugs used in neurodegenerative diseases	
Week - 5		Target sites for neurodegenerative diseases	
Week - 6		Investigation of the structures of target regions in neurodegenerative diseases	
Week - 7		Investigation of structure-effect relationships for target regions in neurodegenerative diseases	
Week - 8		Examination of current approaches in the treatment of neurodegenerative diseases	
Week - 9		Review of the current literature on the treatment of neurodegenerative diseases	
Week - 10		New drug design approaches for neurodegenerative diseases	
Week - 11		New drug design approaches for neurodegenerative diseases	
Week - 12		Practices for designing new drugs for neurodegenerative diseases	
Week - 13		Practices for designing new drugs for neurodegenerative diseases	
Week - 14		Practices for designing new drugs for neurodegenerative diseases	

Learning Outcomes

#	Learning Outcome
1	Learns neurodegenerative diseases.
2	Learns effective drugs in neurodegenerative diseases.
3	Analyzes the mechanism of action of drugs used in neurodegenerative diseases.
4	Learns target regions in neurodegenerative diseases.
5	Analyzes the topological structures of target regions in neurodegenerative diseases.
6	Examines the interaction profiles of drugs used with target sites in neurodegenerative diseases.
7	Researches new treatment approaches for neurodegenerative diseases.
8	Examines the current literature on neurodegenerative diseases.
9	Learns the parameters to be considered in the design of new drugs that may be effective in neurodegenerative diseases.
10	Examines chemical approaches to the design of new drugs that may be effective in neurodegenerative diseases.
11	Conducts studies on the design of new drugs that may be effective in neurodegenerative diseases.

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.