Course Syllabus

Code - Course Title	**FKM627 - Principles of Innovative Drug Molecule Development in Medici**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ULVİYE ACAR ÇEVİK

Mode of Delivery	The mode of delivery of this course is face to face.
Prerequisites	There is no prerequisite or co-requisite for this course.
Work Placement	NA

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Purpose of Drug Research Principles	
Week - 2		Some Facts about the Mechanisms of Action of Molecules	
Week - 3		Search for Active Molecules: Plant, Animal, Mineral Based Active Materials and Their Isolations	
Week - 4		Serendipity in Drug Discovery	
Week - 5		Changes on Cortisol and its Activity	
Week - 6		Multi-step Synthesis	
Week - 7		Development of New Therapeutic Findings	
Week - 8		Screening, Drug Design	
Week - 9		Structure Activity Relationship (QSAR)	
Week - 10		Examples of Pharmacophores	
Week - 11		Examples of Bioisosteres	
Week - 12		Chemical Modulation	
Week - 13		Biological Sources Opinion	
Week - 14		Obtaining Active Molecule	

Learning Outcomes

#	Learning Outcome
1	interpret the factors affecting development of drug molecules.
2	interpret the methods used in drug design.

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.