Course Syllabus

Code - Course Title	**FKG523 - Discovery of Natural Active Ingredients**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. BETÜL DEMİRCİ

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Work Placement	Not Applicable

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Historical approaches in drugs	
Week - 2		Importance of pharmacognosy in drug discovery	
Week - 3		Drugs obtained from natural sources	
Week - 4		Bioactive natural compunds	
Week - 5		Traditional methods of drug discovery	
Week - 6		Modern methods of drug discovery	
Week - 7		Differences of Drugs and Medicinal Plants	
Week - 8		Similarities of Drugs and Medicinal Plants	
Week - 9		Some important discoveries of herbal medicine	
Week - 10		Cinchona	
Week - 11		salicylic acid from willow bark	
Week - 12		Digitoxin from Digitalis species	
Week - 13		Etoposide from Podophyllum peltatum	
Week - 14		Taxol from Taxus tspecies	

Learning Outcomes

#	Learning Outcome
1	Define natural sources in drug discovery

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.