Course Syllabus

Code - Course Title	**BİY576 - Target Enzymes in the Treatment of Diseases**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. HALİDE EDİP TEMEL

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

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The Importance and General Properties of Enzymes	
Week - 2		Regulation of Enzyme Activities	
Week - 3		Enzymes Playing a Role In Alzheimer’s Disease	
Week - 4		Enzymes Playing a Role In Hypertension and Hyperlipidemia	
Week - 5		Enzymes Playing a Role In Inflammation and Pain	
Week - 6		Enzymes Playing a Role In Diabetes Mellitus	
Week - 7		Obesity and lipase inhibition	
Week - 8		Enzymes in Cathecolamine Metabolism	
Week - 9		Phophodiesterases	
Week - 10		Matrix Metalloproteinases	
Week - 11		ATPases	
Week - 12		Target enzymes in antiviral and antibacterial treatment	
Week - 13		Target enzymes in cancer treatment	
Week - 14		Gout and Xanthine oxidase	

Learning Outcomes

#	Learning Outcome
1	analysis the role of enzymes in the pathogenesis of the diseases
2	explain the pathogenesis of diseases
3	analyses the treatment strategy of diseases
4	explain the structure and importance of lipids.
5	explain the clinical importance of the hormones.
6	identify the location of the tumor marker at the cancer diagnosis.

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.