Course Syllabus

Code - Course Title	**BİY566 - Cellular Adhesion Molecules**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ZERRİN SELLER

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Recommended Resources	Cell Adhesion:Series: Handbook of Experimental Pharmacology, Vol. 165 Behrens, Jürgen, Nelson, Warren James (Eds.) 2005, X, 481 p. 59 illus.
Work Placement	Not Applicable

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Description of cellular adhesion molecules	
Week - 2		Functions	
Week - 3		Cadherins	
Week - 4		Function and structure of cadherins	
Week - 5		Selectins; Structure and function features	
Week - 6		Selectins; Structure and function features	
Week - 7		Immunoglobulin superfamily adhesion molecules	
Week - 8		Integrins	
Week - 9		Mechanisms of integrin-ligand binding	
Week - 10		Integrin-mediated signal pathways	
Week - 11		Integrins in metastasis	
Week - 12		Integrins in metastasis	
Week - 13		Extracellular matrix proteins	
Week - 14		Structural and function features	

Learning Outcomes

#	Learning Outcome
1	debate the description of cellular adhesion molecules
2	explain basic feature of cadherins
3	explain the basic feature of selectins and immunoglobulin
4	analyse the property of integrins

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.