Course Syllabus

Code - Course Title	**BİY559 - The Biology and Mechanisms of Apoptosis**
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.
Courses Recomended	Biochemistry
Recommended Resources	Apoptosis: Michael D. Jacobson, Nicola J. McCarthy, Oxford University Press, 2002
Work Placement	Not Applicable

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Molecular mechanism of apoptosis	
Week - 2		Caspases	
Week - 3		Caspases substrates	
Week - 4		Generation of death signaling	
Week - 5		The death receptors	
Week - 6		The death receptors	
Week - 7		Biological function of death receptors	
Week - 8		Death receptor-associating molecules	
Week - 9		Death receptor-associating molecules	
Week - 10		The cell cycle and apoptosis	
Week - 11		The cell cycle and apoptosis	
Week - 12		The cell cycle and apoptosis	
Week - 13		The Bcl-2 protein family	
Week - 14		The Bcl-2 protein family	

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.