Course Syllabus

Code - Course Title	**ECZ437 - Approved Recombinant Antibodies**
Course Type	X. SEMESTER
Laboratory + Practice	1+0
ECTS	**1.5**
Language of Instruction	Türkçe
Course Type	Specialization Courses
Course Instructor(s)	PROF. DR. GÜLAY BÜYÜKKÖROĞLU

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	ECZ309 Pharmaceutical Technology I, II courses has to be taken
Courses Recomended	BİY346 of Molecular Biology and ECZ318 Pharmaceutical Biotecnology courses are recommended for this course
Work Placement	Not Applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Recombinant Antibody Production	
Week - 2		Hybridoma studies and Used systems in the production	
Week - 3		Hybridoma studies and Used systems in the production	
Week - 4		Antigen-antibody reactions	
Week - 5		Subdividing and labeling of Antibody molecules	
Week - 6		Purification Techniques	
Week - 7		Purification Techniques	
Week - 8		Midterm exam	
Week - 9		FDA-Approved Antibodies	
Week - 10		Autoimmune antibodies and Antibodies used in homeostasis	
Week - 11		Antibodies used in cancer, Antibodies used in inflammatory diseases	
Week - 12		Antibodies used macular degeneration, Antibodies used in blood diseases	
Week - 13		Antibodies used in Infectious diseases	
Week - 14		Discussion	

Learning Outcomes

#	Learning Outcome
1	Will be distinguish the Biotechnology and Application Fields
2	Will associate with Pharmaceutical Biotechnology and Antibody Production
3	Will be recognize Subdividing and labeling of Antibody molecules
4	Will be distinguish the FDA-Approved Antibodies

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.