Course Syllabus

Code - Course Title	**FKL520 - Behavioral Pharmacology**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ÖZGÜR DEVRİM CAN

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Central nervous system pharmacology, Pharmacology III
Recommended Resources	İ. Tayfun Uzbay: Psikofarmakolojinin Temelleri ve Deneysel Araştırma Teknikleri. Ankara: Çizgi Tıp Yayınevi, 2004McKim, William A., Drugs and behavior: an introduction to behavioral pharmacology. Upper Saddle River, N.J. : Prentice Hall, 2003Meyer, Jerrold S., Psychopharmacology: drugs, the brain, and behavior. Sunderland, Mass.: Sinauer Associates, 2005J. A. den Boer, M. S. George, G. J. ter Horst: Current and future developments in psychopharmacology. Amsterdam : Benecke N. I., 2005.René Spiegel ; S. Hossein Fatemi et al.: Psychopharmacology : an introduction. Chichester : J. Wiley & Sons, 2003.Brain E. Leonard: çeviri editörü Işık Tuğlular ; çevirenler Erhan Bayraktar, Baybars Veznedaroğlu: Temel psikofarmakoloji. İzmir : Saray Tıp Kitapları, 1996.F. van Haaren , Methods in behavioral pharmacology. Gainsville, FL: Elsevier, 1993.
Work Placement	There is no internship.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Discussing the general concepts related to behavioral pharmacology.	
Week - 2		Preparatory study for behavioral pharmacology. Questioning backround information.	
Week - 3		Discussing the methods using in behavioral pharmacology	
Week - 4		Discussing motion disorders. Analyzing motor activity and motor coordination tests.	
Week - 5		Discussing anxiety disorders. Analyzing tests evaluating anxiolytic effect.	
Week - 6		Discussing anxiety disorders. Analyzing tests evaluating anxiolytic effect.	
Week - 7		Discussing depression. Analyzing tests evaluating antidepressant effect.	
Week - 8		Discussing pain. Analyzing tests evaluating analgesic effect.	
Week - 9		Discussing learning and memory mechanisms and learning and memory deficits. Analyzing tests evaluating nootropic effect.	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 10		Analyzing epilepsy and schizophrenia models.	
Week - 11		Analyzing experimental models using in substance abuse.	
Week - 12		Experimental study	
Week - 13		Experimental study	
Week - 14		Experimental study	

Learning Outcomes

#	Learning Outcome
1	interpret the general concepts related to behavioral pharmacology.
2	discuss basic information constituting behavioral pharmacology knowledge.
3	classify the tests measuring motor activities and motor coordination of experimental animals.
4	classify the tests measuring anxiety behaviors of experimental animals,
5	classify the tests evaluating depressant-like behaviors of experimental animals,
6	classify tests evaluating pain behaviors of experimental animals,
7	classify the tests evaluating learning and memory behaviors of experimental animals,
8	discuss other experimental models related to animal behaviors,

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.