Course Syllabus

Code - Course Title	**FKL610 - Drug interactions**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. NURCAN BEKTAŞ TÜRKMEN

Mode of Delivery	The mode of delivery of this course is Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Recommended Resources	Gallicano, K., & Drusano, G. (2005). Introduction to drug interactions. In Drug Interactions in Infectious Diseases (pp. 1-11). Humana Press.Wynn, G. H., & Armstrong, S. C. (2009). Introduction to Drug Interactions and to This Clinical Manual. Clinical Manual of Drug Interaction Principles for Medical Practice, 1.Snyder, B. D., Polasek, T. M., & Doogue, M. P. (2012). Drug interactions: principles and practice.McCabe-Sellers, B., Frankel, E. H., & Wolfe, J. J. (Eds.). (2003). Handbook of food-drug interactions. CRC press.
Work Placement	Not Applicable

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The description and classification of drug interactions along with their importances in terms of therapy. Differences between drug-drug and drug-organism-drug interactions	
Week - 2		Desired (useful), harmful and life-threatening interactions	
Week - 3		Pharmaceutical Interactions (Drug-drug Interactions) and their clinical importances in terms of the administration of drugs to patients.	
Week - 4		Pharmacokinetic Drug Interactions (during the absorption, distribution, biotransformation and excretion phases)	
Week - 5		Pharmacokinetic Drug Interactions (during the absorption, distribution, biotransformation and excretion phases)	
Week - 6		Drug interactions during absorption and distribution.	
Week - 7		Drug interactions during biotransformation and excretion	
Week - 8		Synergism and potentialism	
Week - 9		Antagonism: Physiological antagonism; Pharmacological antagonisms; Competitif and non-competitive antagonisms	
Week - 10		Antagonism: Physiological antagonism; Pharmacological antagonisms; Competitif and non-competitive antagonisms	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 11		Dualism (Partial Agonism)	
Week - 12		Examples and analyses of drug interactions	
Week - 13		Examples and analyses of drug interactions	

Learning Outcomes

#	Learning Outcome
1	interpret the general consepts of drug interactions.
2	summarize ways of drug interactions.
3	discuss pharmaceutical drug interactions.
4	discuss pharmacokinetic drug interactions.
5	discuss pharmacodynamic drug interactions.

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.