

# CLINICAL PHARMACOLOGY

1	Course Title:	CLINICAL PHARMACOLOGY
2	Course Code:	TFR 6003
3	Type of Course:	Compulsory
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	7.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	none
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. MİNE SİBEL GÜRÜN
15	Course Lecturers:	Prof. Dr. Mine Sibel Gürün Prof. Dr. R. Levent Büyükuysal Prof. Dr. Vahide Savcı Prof. Dr. Sinan Çavun Doç. Dr. Gökhan Göktalay Doç. Dr. Mehmet Cansev Doç. Dr. Sertaç Yılmaz
16	Contact information of the Course Coordinator:	Prof. Dr. Mine Sibel Gürün sgurun@uludag.edu.tr Uludağ Üniversitesi Tıp Fakültesi Tıbbi Farmakoloji Anabilim Dalı
17	Website:	
18	Objective of the Course:	To teach the basic knowledge about Clinical Pharmacology
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To learn about Clinical Pharmacology: Description, history, basic pharmacokinetics and pharmacodynamics
	2	To learn about development of drugs
	3	To learn clinical drug research and good clinical practises.
	4	To learn basic ethical consideration of clinical drug research.
	5	To learn bioavailability and bioequivalence of drugs.
	6	To learn the mechanisms of drug interactions.
	7	To learn basic concepts of pharmacovigilance.
	8	To learn basic concepts of pharmacogenetic.

		9	To learn pharmacoeconomi and its importance during therapie.		
		10	To learn reasonable drug therapy in pediatric and geriatric practice. To learn reasonable drug therapy in geriatric practice. To learn reasonable drug therapy during gestational and lactation periods. To learn how herbal medicines and food supplements are affects the conventional drug therapy and safety of patients.		
21	Course Content:				
	Course Content:				
Week	Theoretical		Practice		
1	Clinical Pharmacology: description and history				
2	Basic pharmacokinetics mechanisms				
3	Basic pharmacodinamics mechanisms				
4	Discovery of drugs (preclinical phases)				
5	Basic prnciples of bioavaivability and bioequivalence of drugs				
Activites			Number	Duration (hour)	Total Work Load (hour)
Theoretical			14	3.00	42.00
Practicals/Labs			0	0.00	0.00
Self study and preperation			60	2.00	120.00
Homeworks			2	15.00	30.00
Projects			0	0.00	0.00
Field Studies			0	0.00	0.00
Midterm exams			0	0.00	0.00
Others			0	0.00	0.00
Final Exams			1	12.00	12.00
Total Work Load					204.00
Total work load/ 30 hr					6.80
ECTS Credit of the Course					7.00
	Reasonable drug tharapy during the during gestational and lactation periods.				
14	Herbal medicines and food supplements; prnciples of safety use				
22	Textbooks, References and/or Other Materials:		1- Melmon and Morelli's "Clinical Pharmacology"-4. Edition 2- "Principles of Clinical Pharmacology"-A. Atkinson et al. 3- "Pharmacology for health professionals"-Sally Roach 4- "Klinik Farmakolojinin esasları"- Oğuz Kayaalp. 5- "Clinical Pharmacology"- DR Laurence, PN Bennett, MJ Brown		
23	Assesment				
TERM LEARNING ACTIVITIES		NUMBE R	WEIGHT		

Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade	0.00	
Contribution of Final Exam to Success Grade	100.00	
Total	100.00	
Measurement and Evaluation Techniques Used in the Course		
<b>24</b>	<b>ECTS / WORK LOAD TABLE</b>	

<b>25</b>	<b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b>															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	3	0	0	2	0	0	0	0	0	0	0
<b>LO: Learning Objectives    PQ: Program Qualifications</b>																
<b>Contribution Level:</b>	<b>1 very low</b>		<b>2 low</b>		<b>3 Medium</b>		<b>4 High</b>		<b>5 Very High</b>							