

PHARMACOLOGY OF CENTRAL NERVOUS SYSTEM

1	Course Title:	PHARMACOLOGY OF CENTRAL NERVOUS SYSTEM
2	Course Code:	TFR 5002
3	Type of Course:	Compulsory
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	1.00
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. Vahide Savcı Prof. Dr. M. Sibel Gürün Doç. Dr. Gökhan Göktalay Doç. Dr. Mehmet Cansev Doç. Dr. Sertaç Yılmaz
16	Contact information of the Course Coordinator:	E-mail: mcansev@uludag.edu.tr Tel: 0 224 2953568 Adres: UÜ Tıp Fak. Tıbbi Farmakoloji Anabilim Dalı, Görükle, 16059, Bursa
17	Website:	
18	Objective of the Course:	To teach masters students basic knowledge about central nervous system pharmacology, neurotransmitter systems and names, mechanisms of effect, and adverse effects of drugs used in treatment of central nervous system diseases
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Students comprehend how autonomic nervous system operates and its pharmacology
	2	Students have knowledge about central nervous system neurotransmitters
	3	Students comprehend names and mechanisms of effect of drugs used in treatment of central nervous system diseases
	4	Students comprehend adverse effects of central nervous system drugs and drug interactions
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21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	Autonomic Nervous System 1: Parasympathetic System	
2	Autonomic Nervous System 2: Parasympathetic System Drugs	
3	Autonomic Nervous System 3: Sympathetic System	
4	Autonomic Nervous System 4: Sympathetic System Drugs	
5	Excitatory Neurotransmitters	
6	Inhibitory Neurotransmitters	
7	Hipnosedative Drugs and Alcohol	
8	Drugs Used in Mood Disorders	
9	Antiepileptics 1	
10	Antiepileptics 2	
11	Antipsychotics 1	
12	Antipsychotics 2	
13	Opioid Analgesics	
14	General and Local Anesthetics	
22	Textbooks, References and/or Other Materials:	Fundamentals of Psychopharmacology, Brain E. Leonard, 3. Edit, Wiley, 2003. Medical Pharmacology, Oguz Kayaalp, Hacettepe-Tas Publications, 2005 The Pharmacological Basis of Therapeutics, Goodman and Gilman, McGraw Hill, 2011
23	Assesment	
TERM LEARNING ACTIVITIES		NUMBE R
Midterm Exam		0
Quiz		0
Home work-project		0
Final Exam		1
Total		1
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		
24	ECTS / WORK LOAD TABLE	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	1.50	21.00
Homeworks	0	0.00	0.00
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	21.00	21.00
Total Work Load			56.00
Total work load/ 30 hr			1.87
ECTS Credit of the Course			2.00

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