

GAZI UNIVERSITY FACULTY OF MEDICINE

2020-2021 EDUCATIONAL YEAR

DISTANCE (ON-LINE) EDUCATION LABORATORY COURSES FOR YEAR II

CELL- TISSUE INJURY AND BASICS OF THE PHARMACOLOGY COMMITTEE
(10.06.2021 - 25.06.2021)

COURSES	THEORETICAL	LABORATORY
Medical Pathology	18	1x1
Medical Pharmacology	36	
Immunology	20	
Nuclear Medicine	4	
Radiology	3	
Medical Biochemistry	2	
TOTAL	83	1

25.06.2021	Friday	THEORICAL EXAM
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Dean	Prof.Dr. Mustafa Necmi İLHAN
Vice Dean	Assoc. Prof. Dr. İlyas OKUR
Vice Dean	Assoc. Prof. Dr. Özlem GÜZEL TUNÇCAN
Head Coordinator	Prof. Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof.Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof.Dr. Akif Muhtar ÖZTÜRK
Year II Coordinator	Assoc. Prof. Dr.Gökçe S. ÖZTÜRK FİNCAN
Assistant Year II Coordinator	Assist. Prof. Dr. Zeynep YIĞMAN (ENG)
Assistant Year II Coordinator	Teach. Assist. Dr. Süheyla Esra ÖZKOÇER
Assistant Year II Coordinator	Teach. Assist. Dr. Pelin TÜRKKAN
Assistant Year II Coordinator	Teach. Assist. Dr. Ece ALİM

MEMBERS OF COMMITTEE

MEDICAL PATHOLOGY	MEDICAL PHARMACOLOGY	IMMUNOLOGY	NUCLEAR MEDICINE	RADIOLOGY	MEDICAL BIOCHEMISTRY
Dr. Aylar POYRAZ	Dr. Çimen KARASU	Dr. Vedat BULUT	Dr. Neşe KARABACAK	Dr. Erhan ILGIT	Dr. Cengiz KARAKAYA
Dr. Özgür EKİNCİ	Dr. Canan ULUOĞLU	Dr. Cemalettin AYBAY	Dr. Ümit Özgür AKDEMİR	Dr. Cem YÜCEL	
Dr. Güldal ESENDAĞLI	Dr. H. Zafer GÜNEY	Dr. Ümit BAĞRIAÇIK			
Dr. Pınar UYAR GÖÇÜN	Dr. Ergin DİLEKÖZ	Dr. Resul KARAKUŞ			

CELL AND TISSUE DAMAGE AND THE BASICS OF PHARMACOLOGY COMMITTEE

Objective

To help explain cell and tissue damage stages and pathogenetic mechanisms, types of inflammation, (hemodynamic) disturbances in blood flow or fluid balance in the pathogenesis of many diseases leading to death and pathogenesis of diseases related to the immune system.

To describe the working order of the immune system in pathological events, pharmacokinetics and pharmacodynamics of drugs, factors affecting drug effect, drug adverse effects and intoxications, herbal drugs, drugs acting on the immune system, trace elements and vitamins, pharmacogenetics, new drug development and otakoids, radioactivity, biological effects of radiation, measurement of radiation, imaging with radiopharmaceuticals. To learn oxidant stress and leukocyte biochemistry. To describe systemic and autoimmune vasculitis

LEARNING OBJECTIVES

Knowledge

LO-200-5-1 Should be able to explain the pathological mechanisms and consequences of cell and tissue damage

LO-200-5-2 Should be able to define types of inflammation, developmental patterns and morphological patterns

LO-200-5-3 Should be able to explain the mechanisms of immune diseases

LO-200-5-4 Should be able to describe the role of immune cells and their role in immune defense

LO-200-5-5 Should be able to define general concepts of pharmacology

LO-200-5-6 Should be able to explain the concepts related to drug pharmacokinetics and pharmacodynamics

LO-200-5-7 Should be able to explain how metabolism and effects of drugs change between individuals / ethnic groups due to genetic differences, explain the steps of new drug development process and explain their mechanisms

LO-200-5-8 Should be able to define autocoids.

LO-200-5-9 Should be able to explain radioactivity, types of radiation used in medicine and basic concepts related to the subject

LO-200-5-10 Should be able to comprehend the interaction of radiation with biological systems and radiation protection principles

LO-200-5-11 Should be able to describe radiopharmaceuticals and their mechanisms of involvement

LO-200-5-12 Should be able to define the mechanisms of leukocyte biochemistry and oxidative stress

LO-200-5-13 Should be able to explain the laboratory tests used in rheumatologic diseases and their follow-up

LO-200-5-14 Should be able to explain the mechanism of autoimmune diseases and vasculitis, how to diagnose, follow and treat

Skill

LO-200-5-15 Should be able to define radiological methods and electromagnetic wave spectrum

LO-200-5-16 Should be able to define thrombus, coagulation necrosis and caseification necrosis by microscope

LO-200-5-17 Should be able to suture.

LO-200-5-18 Should be able to perform medical dressing.

Attitude

LO-200-5-19 To recognize the importance of immunology in medicine

LO-200-5-20 To observe the radiological methods associated with almost all disciplines of medicine and to observe different types of energy used during the application of these methods

1st WEEK				10.06.2021 Thursday	11.06.2021 Friday
				Free Study Time	Free Study Time
				Free Study Time	Free Study Time
14:00-15:00				PBL	Free Study Time
15:00-16:00				PBL	Free Study Time

2nd WEEK	14.06.2021 Monday	15.06.2021 Tuesday	16.06.2021 Wednesday	17.06.2021 Thursday	18.06.2021 Friday
	Free Study Time	Free Study Time	Free Study Time	Free Study Time	Free Study Time
	Free Study Time	Free Study Time	Free Study Time	Free Study Time	Free Study Time
14:00-15:00	Free Study Time	Free Study Time	Free Study Time	PBL	Free Study Time
15:00-16:00	Free Study Time	Free Study Time	Free Study Time	PBL	Free Study Time

3. Hafta	21.06.2021 Monday	22.06.2021 Tuesday	23.06.2021 Wednesday	24.06.2021 Thursday	25.06.2021 Friday
09:00-10:00	Free Study Time	Free Study Time	Pathology Laboratory	Free Study Time	THEORETICAL EXAM
	Free Study Time	Free Study Time	Free Study Time	Free Study Time	
14:00-15:00	Free Study Time	Free Study Time	Free Study Time	PBL	
15:00-16:00	Free Study Time	Free Study Time	Free Study Time	PBL	