



**OKAN UNIVERSITY FACULTY OF MEDICINE**  
**2020 – 2021 ACADEMIC YEAR**  
**PHASE II COMMITTEE I**  
**CARDIOVASCULAR AND RESPIRATORY SYSTEM COMMITTEE**  
**(MED201)**  
**7 WEEK PROGRAMME (05.10.2020– 20.11.2020)**

CODE	DISCIPLINE
MED201	1- ANATOMY
	2- HISTOLOGY AND EMBRYOLOGY
	3- MEDICAL BIOCHEMISTRY
	4- MEDICAL MICROBIOLOGY
	5- PHYSIOLOGY
CORE 303	6- ACADEMIC ENGLISH
	7- ENTREPRENEURSHIP

DEAN : Prof. Dr. İ. Bülent BUTTANRI  
CHIEF COORDINATOR OF PHASE II : Prof. Dr. Cengiz BAYÇU  
VICE CHIEF COORDINATOR OF PHASE II : Assist. Prof. Dr. Hümbet AHMEDOV  
Assist. Prof. Dr. Kevser Atalık

LIST OF PARTICIPANTS IN THE SUBJECT COMMITTEE	
DEPARTMENTS	LECTURERS
ANATOMY	Prof. Dr. Yüksel AYDAR
HISTOLOGY AND EMBRYOLOGY	Prof. Dr. Cengiz BAYÇU Prof. Dr. Berrin Zuhul ALTUNKAYNAK
MEDICAL BIOCHEMISTRY	Prof. Dr. Gülden BURÇAK
MEDICAL MICROBIOLOGY	Prof. Dr. Ayşe Demet KAYA Assist. Prof. Dr. Aydın AYDINLI Assist. Prof. Dr. Deniz SERTEL ŞELELE Assist. Prof. Dr. Kevser ATALIK
PHYSIOLOGY	Prof. Dr. Lamia PINAR Assoc. Prof. Dr. Güldal İNAL GÜLTEKİN

WEEK 1 (OCT. 05-09, 2020)	
SUBJECT	LECTURER
<b>ANATOMY</b>	
Introduction to Cardiovascular System	Prof. Dr. Yüksel AYDAR
Pericardium and Surfaces of the Heart	Prof. Dr. Yüksel AYDAR
Septums and Chambers of the Heart	Prof. Dr. Yüksel AYDAR
Chambers and Valves of the Heart	Prof. Dr. Yüksel AYDAR
<b>MEDICAL MICROBIOLOGY</b>	
Introduction to microbiology	Prof. Dr. A. Demet KAYA
Bacterial structure and morphology	Assist. Prof. Dr. Deniz SERTEL ŞELELE
Microbial growth and culture media	Assist. Prof. Dr. Deniz SERTEL ŞELELE
<b>HISTOLOGY AND EMBRYOLOGY</b>	
Cardiovascular system histology&embryology	Prof. Dr. B. Zuhul ALTUNKAYNAK
<b>PHYSIOLOGY</b>	
Introduction to circulation, arterial and venous systems and nervous regulation of the heart	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN
The heart and heart valves	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN
Rythmic excitation of the heart	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN
Coronary circulation and lymphatic system	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN

WEEK 2 (OCT. 12-16, 2020)	
SUBJECT	LECTURER
<b>ANATOMY</b>	
Cardiac Arteries, Veins, and Conduction System	Prof. Dr. Yüksel AYDAR
Major Vessels of the Heart	Prof. Dr. Yüksel AYDAR
Fetal and Lymphatic Circulation	Prof. Dr. Yüksel AYDAR
<b>MEDICAL MICROBIOLOGY</b>	
Staining techniques	Prof. Dr. A. Demet KAYA
<b>PHYSIOLOGY</b>	
Blood pressure regulation	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN
Electrocardiography	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN
Cardiac output and venous return	Assoc. Prof. Dr. Güldal İ. GÜLTEKİN

WEEK 3 (OCT. 19-23, 2020)	
SUBJECT	LECTURER
<b>ANATOMY</b>	
Introduction to Respiratory System	Prof. Dr. Yüksel AYDAR
Nasal Anatomy and Paranasal Sinuses	Prof. Dr. Yüksel AYDAR
The Pharynx and Its Divisions	Prof. Dr. Yüksel AYDAR
<b>MEDICAL MICROBIOLOGY</b>	
Sterilization and disinfection	Assist. Prof. Dr. Kevser ATALIK
Microbial genetics	Assist. Prof. Dr. Aydın AYDINLI
Antimicrobial agents	Prof. Dr. A. Demet KAYA
<b>PHYSIOLOGY</b>	
Pulmonary ventilation and gas exchange mechanisms	Prof. Dr. Lamia PINAR
<b>MEDICAL BIOCHEMISTRY</b>	
Red Blood Cells	Prof. Dr. Gülden BURÇAK
White Blood Cells	Prof. Dr. Gülden BURÇAK
Plasma proteins and immunoglobulins	Prof. Dr. Gülden BURÇAK

WEEK 4 (OCT. 26-30, 2020)	
SUBJECT	LECTURER
<b>ANATOMY</b>	
The Larynx, Its Cartilages and Muscles	Prof. Dr. Yüksel AYDAR
<b>HISTOLOGY AND EMBRYOLOGY</b>	
Histology of Lymphoid organs	Prof. Dr. B. Zuhul ALTUNKAYNAK
Development of lymphoid organs	Prof. Dr. B. Zuhul ALTUNKAYNAK
<b>PHYSIOLOGY</b>	
Functions of respiratory membranes	Prof. Dr. Lamia PINAR
<b>MEDICAL MICROBIOLOGY</b>	
Normal human microbiota	Assist. Prof. Dr. Deniz SERTEL ŞELELE

WEEK 5 (NOV. 02-06, 2020)	
SUBJECT	LECTURER
<b>MEDICAL MICROBIOLOGY</b>	
Host-parasite relationships	Assist. Prof. Dr. Deniz SERTEL ŞELELE
Innate immunity	Assist. Prof. Dr. Aydın AYDINLI
Adaptive immunity I - Antigen and antibodies	Assist. Prof. Dr. Aydın AYDINLI
Adaptive immunity II - Organ and cells involved in the immune response	Assist. Prof. Dr. Aydın AYDINLI
Adaptive immunity III - Immune response	Assist. Prof. Dr. Aydın AYDINLI
<b>ANATOMY</b>	
The Trachea and Lungs	Prof. Dr. Yüksel AYDAR
The Pleura and Diaphragm	Prof. Dr. Yüksel AYDAR
<b>PHYSIOLOGY</b>	
Transport of oxygen and carbon dioxide	Prof. Dr. Lamia PINAR
<b>HISTOLOGY AND EMBRYOLOGY</b>	
Histology of Respiratory system	Prof. Dr. Cengiz BAYÇU
Development of Respiratory system	Prof. Dr. Cengiz BAYÇU

WEEK 6 (NOV. 09-13, 2020)	
SUBJECT	LECTURER
<b>ANATOMY</b>	
Mediastinum and its Contents	Prof. Dr. Yüksel AYDAR
<b>MEDICAL MICROBIOLOGY</b>	
Hypersensitivity	Assist. Prof. Dr. Aydın AYDINLI
Diagnostic immunology	Assist. Prof. Dr. Aydın AYDINLI
<b>PHYSIOLOGY</b>	
Neural regulation of respiratory system and its physiopathology	Prof. Dr. Lamia PINAR
<b>MEDICAL BIOCHEMISTRY</b>	
Plasma proteins and immunoglobulins	Prof. Dr. Gülden BURÇAK
Metabolism of iron	Prof. Dr. Gülden BURÇAK
Biosynthesis of heme and porphyrias	Prof. Dr. Gülden BURÇAK
Catabolism of heme and hyperbilirubinemas	Prof. Dr. Gülden BURÇAK

WEEK 7 (NOV. 16-20, 2020)	
<b>EXAM WEEK</b>	