



T.C.
MUGLA SITKI KOÇMAN UNIVERSITY
FACULTY OF MEDICINE

2025-2026
ACADEMIC YEAR
PHASE II
COMMITTEE 1
TISSUE BIOLOGY
01 SEPTEMBER | 2025-17 OCTOBER 2025

DEAN	Prof. Süleyman Cüneyt KARAKUŞ		
VICE DEANS	Prof. Cem ŞAHİN		
	Prof. Nesrin FİLİZ BAŞARAN		
CHIEF COORDINATOR	Prof. Emine Neşe YENİÇERİ		
PHASE II COORDINATOR	Asst. Prof. Üyesi Şehbal YEŞİLBAŞ		
PHASE II COORDINATOR ASSISTANTS	Prof. Deniz AKPINAR (Committee Organizer)		
	Assoc. Prof. Turan DEMİRCAN		
	Asst. Prof. Üyesi Egemen KAYA		
	Dr. Zeynep Nisa KARAKOYUN		
Lectures	Theoretical H	Practical H	Total H
Anatomy	33	23 (12 Laboratory +11 video lab.)	56
Asst. Prof. Mustafa Deniz YÖRÜK			17
Dr. Zeynep Nisa KARAKOYUN			16
Histology and Embryology	27	15 (LAB: 8 Microscopic Presentation + 7 Laboratory)	42
Prof. Feral ÖZTÜRK			8
Prof. Hülya ELBE			8
Assoc. Prof. Gürkan YİĞİTTÜRK			11
Clinical Microbiology	19	11	30
Asst. Prof. Alper AKSÖZEK			16
Asst. Prof. Burak Ekrem ÇİTİL			3
Physiology	18	6	24
Assoc. Prof. Serkan AKSU			18
Clinical Biochemistry	4	0	4
Prof. İsmail Çetin ÖZTÜRK			2
Assoc. Prof. Ercan SARUHAN			2
Neurosurgery	2	0	2
Assoc. Prof. Gönül GÜVENÇ			1
Asst. Prof. Güven GÜR SOY			1
Foreign Language	21	0	21
Total	124	55	179

Tarih	Gun	Saat	Anabilim Dalı Adı	Konu Adı	Ögr. Elm.
01-09-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
01-09-2025	Pazartesi	09:30-10:20		Toplantı -Pratik /Meeting Practical Coordinator Hour - Course Introduction - Information Meeting	
01-09-2025	Pazartesi	10:30-11:20		Toplantı -Pratik /Meeting Practical Library Introduction	
01-09-2025	Pazartesi	11:30-12:20	ANATOMİ	Fixation and Dissection	MUSTAFA DENİZ YÖRÜK
01-09-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
01-09-2025	Pazartesi	13:30-14:20	FİZYOLOJİ	Homeostatic mechanisms, physiologic control systems of the body	SERKAN AKSU
01-09-2025	Pazartesi	14:30-15:20	FİZYOLOJİ	Dynamics of the Cell Membrane, Body Fluid Compartments and Characteristics	SERKAN AKSU
01-09-2025	Pazartesi	15:30-16:20	TIBBİ MİKROBİYOLOJİ	Introduction to Microbiology	ALPER AKSÖZEK
01-09-2025	Pazartesi	16:30-17:20	TIBBİ MİKROBİYOLOJİ	Microbiology and Life	ALPER AKSÖZEK
02-09-2025	Salı	08:30-09:20	HİSTOLOJİ VE EMBRİYOLOJİ	Human Tissues	FERAL ÖZTÜRK
02-09-2025	Salı	09:30-10:20	HİSTOLOJİ VE EMBRİYOLOJİ	Epithelial Tissue	FERAL ÖZTÜRK
02-09-2025	Salı	10:30-11:20	ANATOMİ	General knowledge about muscle	ZEYNEP NİSA KARAKOYUN
02-09-2025	Salı	11:30-12:20	ANATOMİ	General knowledge about muscle	ZEYNEP NİSA KARAKOYUN
02-09-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
02-09-2025	Salı	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-09-2025	Salı	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-09-2025	Salı	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-09-2025	Salı	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
03-09-2025	Çarşamba	08:30-09:20	ANATOMİ	Muscles of the face and SCALP	ZEYNEP NİSA KARAKOYUN
03-09-2025	Çarşamba	09:30-10:20	ANATOMİ	Muscles of the face and SCALP	ZEYNEP NİSA KARAKOYUN
03-09-2025	Çarşamba	10:30-11:20	TIBBİ MİKROBİYOLOJİ	Introduction to Medical Microbiology	BURAK EKREM ÇİTİL
03-09-2025	Çarşamba	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Medical Microbiology: Presentation of Microbiology Laboratory - Alper AKSÖZEK	
03-09-2025	Çarşamba	12:30-13:20		Toplantı -Pratik /Meeting Practical Representative Election Time (12:30-13:20)	
03-09-2025	Çarşamba	13:30-14:20	HİSTOLOJİ VE EMBRİYOLOJİ	Epithelial Tissue	FERAL ÖZTÜRK
03-09-2025	Çarşamba	14:30-15:20	HİSTOLOJİ VE EMBRİYOLOJİ	Epithelial Tissue	FERAL ÖZTÜRK
03-09-2025	Çarşamba	15:30-16:20	HİSTOLOJİ VE EMBRİYOLOJİ	Epithelial Tissue	FERAL ÖZTÜRK
03-09-2025	Çarşamba	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
04-09-2025	Perşembe	08:30-09:20		Toplantı -Pratik /Meeting Practical LAB Histology: Introduction of Histology Laboratory and Presentation of Epithelial Tissue - Gürkan YİĞİTTÜRK	
04-09-2025	Perşembe	09:30-10:20		Toplantı -Pratik /Meeting Practical LAB Histology: Introduction of Histology Laboratory and Presentation of Epithelial Tissue - Gürkan YİĞİTTÜRK	
04-09-2025	Perşembe	10:30-11:20		Toplantı -Pratik /Meeting Practical LAB Histology: Epithelial Tissue	
04-09-2025	Perşembe	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Histology: Epithelial Tissue	
04-09-2025	Perşembe	12:30-13:20			
04-09-2025	Perşembe	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
04-09-2025	Perşembe	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
04-09-2025	Perşembe	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
04-09-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
05-09-2025	Cuma	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	

05-09-2025	Cuma	09:30-10:20		Toplantı -Pratik /Meeting Practical Foreign Language	
05-09-2025	Cuma	10:30-11:20	FİZYOLOJİ	Bioelectric Potentials: Resting Membrane Potential, Local Potential	SERKAN AKSU
05-09-2025	Cuma	11:30-12:20	FİZYOLOJİ	Bioelectric Potentials: Action Potential	SERKAN AKSU
05-09-2025	Cuma	12:30-13:20			
05-09-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
05-09-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Muscle of Face and Scalp	
05-09-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
05-09-2025	Cuma	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-09-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-09-2025	Pazartesi	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-09-2025	Pazartesi	10:30-11:20	ANATOMİ	Muscles of the back	ZEYNEP NİŞA KARAKOYUN
08-09-2025	Pazartesi	11:30-12:20	ANATOMİ	Muscles of the shoulder and back of arm	ZEYNEP NİŞA KARAKOYUN
08-09-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
08-09-2025	Pazartesi	13:30-14:20	FİZYOLOJİ	Motor functions of autonomic nervous system	SERKAN AKSU
08-09-2025	Pazartesi	14:30-15:20	FİZYOLOJİ	Skeletal Muscle Contraction: The Mechanism of Muscle Contraction	SERKAN AKSU
08-09-2025	Pazartesi	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-09-2025	Pazartesi	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
09-09-2025	Salı	08:30-09:20	TIBBİ MİKROBİYOLOJİ	Sterilization, Disinfection and Antisepsis	ALPER AKSÖZEK
09-09-2025	Salı	09:30-10:20	TIBBİ MİKROBİYOLOJİ	Sterilization, Disinfection and Antisepsis	ALPER AKSÖZEK
09-09-2025	Salı	10:30-11:20	HİSTOLOJİ VE EMBRİYOLOJİ	Connective Tissue and Extracellular Matrix	GÜRKAN YİĞİTTÜRK
09-09-2025	Salı	11:30-12:20	HİSTOLOJİ VE EMBRİYOLOJİ	Connective Tissue and Extracellular Matrix	GÜRKAN YİĞİTTÜRK
09-09-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
09-09-2025	Salı	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
09-09-2025	Salı	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
09-09-2025	Salı	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
09-09-2025	Salı	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
10-09-2025	Çarşamba	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
10-09-2025	Çarşamba	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
10-09-2025	Çarşamba	10:30-11:20	HİSTOLOJİ VE EMBRİYOLOJİ	Connective Tissue and Extracellular Matrix	GÜRKAN YİĞİTTÜRK
10-09-2025	Çarşamba	11:30-12:20	HİSTOLOJİ VE EMBRİYOLOJİ	Connective Tissue and Extracellular Matrix	GÜRKAN YİĞİTTÜRK
10-09-2025	Çarşamba	12:30-13:20			
10-09-2025	Çarşamba	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Histology: Presentation of Connective Tissue - Gürkan YİĞİTTÜRK	
10-09-2025	Çarşamba	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Muscle of back	
10-09-2025	Çarşamba	15:30-16:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
10-09-2025	Çarşamba	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
11-09-2025	Perşembe	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
11-09-2025	Perşembe	09:30-10:20		Toplantı -Pratik /Meeting Practical LAB Histology: Connective Tissue	
11-09-2025	Perşembe	10:30-11:20	ANATOMİ	Muscles of the anterior compartment of arm and breast	ZEYNEP NİŞA KARAKOYUN
11-09-2025	Perşembe	11:30-12:20	ANATOMİ	Muscles of the anterior compartment of arm and breast	ZEYNEP NİŞA KARAKOYUN
11-09-2025	Perşembe	12:30-13:20			
11-09-2025	Perşembe	13:30-14:20	FİZYOLOJİ	Mechanical properties of muscles, energy and heat generation of muscle	SERKAN AKSU
11-09-2025	Perşembe	14:30-15:20	FİZYOLOJİ	Smooth Muscle Physiology	SERKAN AKSU

11-09-2025	Perşembe	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
11-09-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
12-09-2025	Cuma	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	
12-09-2025	Cuma	09:30-10:20	ANATOMİ	Axillary fossa	ZEYNEP NİSA KARAKOYUN
12-09-2025	Cuma	10:30-11:20		Toplantı -Pratik /Meeting Practical LAB Medical Microbiology: Sterilization, Disinfection and Antisepsis practical workshop - Alper AKSÖZEK	
12-09-2025	Cuma	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Medical Microbiology: Sterilization, Disinfection and Antisepsis practical workshop - Alper AKSÖZEK	
12-09-2025	Cuma	12:30-13:20			
12-09-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
12-09-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Muscle of shoulder, back and anterior compartment of arm and breast	
12-09-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
12-09-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical Foreign Language	
15-09-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
15-09-2025	Pazartesi	09:30-10:20	ANATOMİ	Back of forearm	ZEYNEP NİSA KARAKOYUN
15-09-2025	Pazartesi	10:30-11:20	ANATOMİ	Back of forearm	ZEYNEP NİSA KARAKOYUN
15-09-2025	Pazartesi	11:30-12:20	TIBBİ MİKROBİYOLOJİ	Biosafety and Sterilization Control	ALPER AKSÖZEK
15-09-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
15-09-2025	Pazartesi	13:30-14:20	FİZYOLOJİ	Neurotransmitters and receptors in autonomic nervous system	SERKAN AKSU
15-09-2025	Pazartesi	14:30-15:20	FİZYOLOJİ	Functions of blood, physical and chemical properties of blood	SERKAN AKSU
15-09-2025	Pazartesi	15:30-16:20	FİZYOLOJİ	Erythrocyte Destruction and Metabolism, Anemias	SERKAN AKSU
15-09-2025	Pazartesi	16:30-17:20	FİZYOLOJİ	Leukocytes nonspecific immune response	SERKAN AKSU
16-09-2025	Salı	08:30-09:20	HİSTOLOJİ VE EMBRİYOLOJİ	Cartilage Tissue	HÜLYA ELBE
16-09-2025	Salı	09:30-10:20	HİSTOLOJİ VE EMBRİYOLOJİ	Cartilage Tissue	HÜLYA ELBE
16-09-2025	Salı	10:30-11:20	ANATOMİ	Anterior compartment of the forearm , cubital fossa	ZEYNEP NİSA KARAKOYUN
16-09-2025	Salı	11:30-12:20	ANATOMİ	Anterior compartment of the forearm , cubital fossa	ZEYNEP NİSA KARAKOYUN
16-09-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
16-09-2025	Salı	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
16-09-2025	Salı	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
16-09-2025	Salı	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
16-09-2025	Salı	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
17-09-2025	Çarşamba	08:30-09:20	TIBBİ MİKROBİYOLOJİ	Structure and Classification of Bacterial Cells	ALPER AKSÖZEK
17-09-2025	Çarşamba	09:30-10:20	TIBBİ MİKROBİYOLOJİ	Structure and Classification of Bacterial Cells	ALPER AKSÖZEK
17-09-2025	Çarşamba	10:30-11:20	HİSTOLOJİ VE EMBRİYOLOJİ	Bone Tissue	GÜRKAN YİĞİTTÜRK
17-09-2025	Çarşamba	11:30-12:20	HİSTOLOJİ VE EMBRİYOLOJİ	Bone Tissue	GÜRKAN YİĞİTTÜRK
17-09-2025	Çarşamba	12:30-13:20		Toplantı -Pratik /Meeting Practical Representative Election Time (12:30-13:20)	
17-09-2025	Çarşamba	13:30-14:20	FİZYOLOJİ	Production of Erythrocyte and Its Function, Hematopoiesis, Erythropoiesis	SERKAN AKSU
17-09-2025	Çarşamba	14:30-15:20	FİZYOLOJİ	Hemoglobin and iron metabolism	SERKAN AKSU
17-09-2025	Çarşamba	15:30-16:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Practices Axillary fossa, Back of forearm	
17-09-2025	Çarşamba	16:30-17:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	

18-09-2025	Perşembe	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
18-09-2025	Perşembe	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
18-09-2025	Perşembe	10:30-11:20		Toplantı -Pratik /Meeting Practical LAB Medical Microbiology: Biosafety practices - Alper AKSÖZEK	
18-09-2025	Perşembe	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Medical Microbiology: Biosafety practices - Alper AKSÖZEK	
18-09-2025	Perşembe	12:30-13:20		Sınav / Exam Formative Exam - Anatomy	
18-09-2025	Perşembe	13:30-14:20	ANATOMİ	Anatomy of hand	MUSTAFA DENİZ YÖRÜK
18-09-2025	Perşembe	14:30-15:20	ANATOMİ	Anatomy of hand	MUSTAFA DENİZ YÖRÜK
18-09-2025	Perşembe	15:30-16:20	HİSTOLOJİ VE EMBRİYOLOJİ	Bone Formation	GÜRKAN YİĞİTTÜRK
18-09-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
19-09-2025	Cuma	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	
19-09-2025	Cuma	09:30-10:20	ANATOMİ	Brachial plexus	ZEYNEP NİSA KARAKOYUN
19-09-2025	Cuma	10:30-11:20	ANATOMİ	Brachial plexus	ZEYNEP NİSA KARAKOYUN
19-09-2025	Cuma	11:30-12:20	TIBBİ MİKROBİYOLOJİ	Bacterial genetics	ALPER AKSÖZEK
19-09-2025	Cuma	12:30-13:20			
19-09-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
19-09-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Practices, Anterior compartment of forearm, cubital fossa, Anatomy of hand	
19-09-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
19-09-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical Foreign Language	
22-09-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
22-09-2025	Pazartesi	09:30-10:20	TIBBİ MİKROBİYOLOJİ	Human Microbiota	ALPER AKSÖZEK
22-09-2025	Pazartesi	10:30-11:20	ANATOMİ	Veins and arteries of upper limb	ZEYNEP NİSA KARAKOYUN
22-09-2025	Pazartesi	11:30-12:20	ANATOMİ	Veins and arteries of upper limb	ZEYNEP NİSA KARAKOYUN
22-09-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
22-09-2025	Pazartesi	13:30-14:20	TIBBİ MİKROBİYOLOJİ	Bacterial Growth and Metabolism	ALPER AKSÖZEK
22-09-2025	Pazartesi	14:30-15:20	TIBBİ MİKROBİYOLOJİ	Bacterial Growth and Metabolism	ALPER AKSÖZEK
22-09-2025	Pazartesi	15:30-16:20	HİSTOLOJİ VE EMBRİYOLOJİ	Muscle Tissue	HÜLYA ELBE
22-09-2025	Pazartesi	16:30-17:20	HİSTOLOJİ VE EMBRİYOLOJİ	Muscle Tissue	HÜLYA ELBE
23-09-2025	Salı	08:30-09:20		Toplantı -Pratik /Meeting Practical LAB Histology: Presentation of Cartilage and Bone Tissues - Gürkan YİĞİTTÜRK	
23-09-2025	Salı	09:30-10:20	HİSTOLOJİ VE EMBRİYOLOJİ	Blood Tissue	HÜLYA ELBE
23-09-2025	Salı	10:30-11:20	HİSTOLOJİ VE EMBRİYOLOJİ	Blood Tissue	HÜLYA ELBE
23-09-2025	Salı	11:30-12:20	HİSTOLOJİ VE EMBRİYOLOJİ	Hemopoiesis	HÜLYA ELBE
23-09-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
23-09-2025	Salı	13:30-14:20	TIBBİ MİKROBİYOLOJİ	Bacterial virulence factors	BURAK EKREM ÇİTİL
23-09-2025	Salı	14:30-15:20	TIBBİ MİKROBİYOLOJİ	Bacterial virulence factors	BURAK EKREM ÇİTİL
23-09-2025	Salı	15:30-16:20	HİSTOLOJİ VE EMBRİYOLOJİ	Muscle Tissue	HÜLYA ELBE
23-09-2025	Salı	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
24-09-2025	Çarşamba	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
24-09-2025	Çarşamba	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
24-09-2025	Çarşamba	10:30-11:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	

24-09-2025	Çarşamba	11:30-12:20	FİZYOLOJİ	Lymphoid tissue, cytokines	SERKAN AKSU
24-09-2025	Çarşamba	12:30-13:20		Formatif sınav değerlendirme saati / formative exam evaluation hour Anatomy	
24-09-2025	Çarşamba	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Practices, Brachial plexus, Veins and arteries of upper limb	
24-09-2025	Çarşamba	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
24-09-2025	Çarşamba	15:30-16:20		Toplantı -Pratik /Meeting Practical LAB Histology: Cartilage and Bone Tissues	
24-09-2025	Çarşamba	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
25-09-2025	Perşembe	08:30-09:20		Toplantı -Pratik /Meeting Practical LAB Histology: Presentation of Blood Tissue - Gürkan YİĞİTTÜRK	
25-09-2025	Perşembe	09:30-10:20		Toplantı -Pratik /Meeting Practical LAB Histology: Blood Tissue	
25-09-2025	Perşembe	10:30-11:20	ANATOMİ	Suboccipital and intrinsic back muscles	MUSTAFA DENİZ YÖRÜK
25-09-2025	Perşembe	11:30-12:20	ANATOMİ	Gluteal Region	MUSTAFA DENİZ YÖRÜK
25-09-2025	Perşembe	12:30-13:20			
25-09-2025	Perşembe	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
25-09-2025	Perşembe	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
25-09-2025	Perşembe	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
25-09-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
26-09-2025	Cuma	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	
26-09-2025	Cuma	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
26-09-2025	Cuma	10:30-11:20	TIBBİ MİKROBİYOLOJİ	Microscope, Dyes and Growth Medias	ALPER AKSÖZEK
26-09-2025	Cuma	11:30-12:20	TIBBİ MİKROBİYOLOJİ	Microscope, Dyes and Growth Medias	ALPER AKSÖZEK
26-09-2025	Cuma	12:30-13:20			
26-09-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
26-09-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Practices, Suboccipital and intrinsic back muscles, Gluteal Region	
26-09-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
26-09-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical Foreign Language	
29-09-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
29-09-2025	Pazartesi	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
29-09-2025	Pazartesi	10:30-11:20	ANATOMİ	Anterior and medial Thigh Muscles	MUSTAFA DENİZ YÖRÜK
29-09-2025	Pazartesi	11:30-12:20	ANATOMİ	Anterior and medial Thigh Muscles	MUSTAFA DENİZ YÖRÜK
29-09-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
29-09-2025	Pazartesi	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
29-09-2025	Pazartesi	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
29-09-2025	Pazartesi	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
29-09-2025	Pazartesi	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
30-09-2025	Salı	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
30-09-2025	Salı	09:30-10:20	HİSTOLOJİ VE EMBRİYOLOJİ	Introduction to Systems Embryology	FERAL ÖZTÜRK
30-09-2025	Salı	10:30-11:20	ANATOMİ	Posterior and lateral Thigh Muscles and Popliteal Region	MUSTAFA DENİZ YÖRÜK
30-09-2025	Salı	11:30-12:20	ANATOMİ	Posterior and lateral Thigh Muscles and Popliteal Region	MUSTAFA DENİZ YÖRÜK
30-09-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
30-09-2025	Salı	13:30-14:20	HİSTOLOJİ VE EMBRİYOLOJİ	Development of Skeletal and Muscular Systems; Limb Development	FERAL ÖZTÜRK

30-09-2025	Salı	14:30-15:20	HİSTOLOJİ VE EMBRİYOLOJİ	Development of Skeletal and Muscular Systems; Limb Development	FERAL ÖZTÜRK
30-09-2025	Salı	15:30-16:20		Toplantı -Pratik /Meeting Practical LAB Histology: Presentation of Muscle Tissue - Gürkan YİĞİTTÜRK	
30-09-2025	Salı	16:30-17:20		Toplantı -Pratik /Meeting Practical LAB Histology: Muscle Tissue	
01-10-2025	Çarşamba	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
01-10-2025	Çarşamba	09:30-10:20	TIBBİ MİKROBİYOLOJİ	Molecular Microbiological Diagnostic Methods	ALPER AKSÖZEK
01-10-2025	Çarşamba	10:30-11:20	TIBBİ MİKROBİYOLOJİ	Molecular Microbiological Diagnostic Methods	ALPER AKSÖZEK
01-10-2025	Çarşamba	11:30-12:20	TIBBİ MİKROBİYOLOJİ	Molecular Microbiological Diagnostic Methods	ALPER AKSÖZEK
01-10-2025	Çarşamba	12:30-13:20			
01-10-2025	Çarşamba	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Anterior and medial Thigh Muscles, Posterior and lateral Thigh Muscles	
01-10-2025	Çarşamba	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
01-10-2025	Çarşamba	15:30-16:20	TIBBİ BİYOKİMYA	Free Radicals & Oxidant Damage in Tissues	İSMAİL ÇETİN ÖZTÜRK
01-10-2025	Çarşamba	16:30-17:20	TIBBİ BİYOKİMYA	Free Radicals & Oxidant Damage in Tissues	İSMAİL ÇETİN ÖZTÜRK
02-10-2025	Perşembe	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-10-2025	Perşembe	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-10-2025	Perşembe	10:30-11:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
02-10-2025	Perşembe	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Physiology: Red Blood Cell Count - Serkan AKSU	
02-10-2025	Perşembe	12:30-13:20			
02-10-2025	Perşembe	13:30-14:20	HİSTOLOJİ VE EMBRİYOLOJİ	Nerve Tissue	GÜRKAN YİĞİTTÜRK
02-10-2025	Perşembe	14:30-15:20	HİSTOLOJİ VE EMBRİYOLOJİ	Nerve Tissue	GÜRKAN YİĞİTTÜRK
02-10-2025	Perşembe	15:30-16:20	HİSTOLOJİ VE EMBRİYOLOJİ	Nerve Tissue	GÜRKAN YİĞİTTÜRK
02-10-2025	Perşembe	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
03-10-2025	Cuma	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
03-10-2025	Cuma	09:30-10:20		Toplantı -Pratik /Meeting Practical Foreign Language	
03-10-2025	Cuma	10:30-11:20	ANATOMİ	Posterior Compartment of Leg	MUSTAFA DENİZ YÖRÜK
03-10-2025	Cuma	11:30-12:20	ANATOMİ	Anterior and lateral Compartment of Leg	MUSTAFA DENİZ YÖRÜK
03-10-2025	Cuma	12:30-13:20			
03-10-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
03-10-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Popliteal Region, Posterior, Anterior and lateral Compartment of Leg	
03-10-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
03-10-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical Foreign Language	
06-10-2025	Pazartesi	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
06-10-2025	Pazartesi	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
06-10-2025	Pazartesi	10:30-11:20	ANATOMİ	Lumbosacral Plexus	MUSTAFA DENİZ YÖRÜK
06-10-2025	Pazartesi	11:30-12:20	ANATOMİ	Lumbosacral Plexus	MUSTAFA DENİZ YÖRÜK
06-10-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
06-10-2025	Pazartesi	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Physiology: White Blood Cell Count - Serkan AKSU	
06-10-2025	Pazartesi	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
06-10-2025	Pazartesi	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
06-10-2025	Pazartesi	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	

07-10-2025	Salı	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
07-10-2025	Salı	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
07-10-2025	Salı	10:30-11:20	ANATOMİ	Anatomy of Foot, Veins and arteries of Lower Limb	MUSTAFA DENİZ YÖRÜK
07-10-2025	Salı	11:30-12:20	ANATOMİ	Anatomy of Foot, Veins and arteries of Lower Limb	MUSTAFA DENİZ YÖRÜK
07-10-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
07-10-2025	Salı	13:30-14:20	HİSTOLOJİ VE EMBRİYOLOJİ	Stem Cells and Clinical Usage	GÜRKAN YİĞİTTÜRK
07-10-2025	Salı	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Histology: Presentation of Nerve Tissue - Gürkan YİĞİTTÜRK	
07-10-2025	Salı	15:30-16:20	BEYİN VE SİNİR CERRAHİSİ	Upper Extremity Entrapment Neuropathies	GÖNÜL GÜVENÇ
07-10-2025	Salı	16:30-17:20	BEYİN VE SİNİR CERRAHİSİ	Lower Extremity Entrapment Neuropathies	GÜVEN GÜRSOY
08-10-2025	Çarşamba	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-10-2025	Çarşamba	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-10-2025	Çarşamba	10:30-11:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
08-10-2025	Çarşamba	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Physiology: Hematocrit Test - Serkan AKSU	
08-10-2025	Çarşamba	12:30-13:20			
08-10-2025	Çarşamba	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Anatomy of Foot, lumbosacral Plexus	
08-10-2025	Çarşamba	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
08-10-2025	Çarşamba	15:30-16:20	TIBBİ BİYOKİMYA	Biochemistry of connective tissue	ERCAN SARUHAN
08-10-2025	Çarşamba	16:30-17:20	TIBBİ BİYOKİMYA	Biochemistry of connective tissue	ERCAN SARUHAN
09-10-2025	Perşembe	08:30-09:20		Toplantı -Pratik /Meeting Practical LAB Histology: Nerve Tissue	
09-10-2025	Perşembe	09:30-10:20	FİZYOLOJİ	Thrombocytes Function	SERKAN AKSU
09-10-2025	Perşembe	10:30-11:20	FİZYOLOJİ	Blood clotting, anticlotting mechanisms	SERKAN AKSU
09-10-2025	Perşembe	11:30-12:20	FİZYOLOJİ	Blood Types, Transfusion	SERKAN AKSU
09-10-2025	Perşembe	12:30-13:20			
09-10-2025	Perşembe	13:30-14:20	ANATOMİ	Anatomy of Foot, Veins and arteries of Lower Limb	MUSTAFA DENİZ YÖRÜK
09-10-2025	Perşembe	14:30-15:20	ANATOMİ	Anatomy of Foot, Veins and arteries of Lower Limb	MUSTAFA DENİZ YÖRÜK
09-10-2025	Perşembe	15:30-16:20		Toplantı -Pratik /Meeting Practical Foreign Language	
09-10-2025	Perşembe	16:30-17:20		Toplantı -Pratik /Meeting Practical LAB Histology: Microscopic Evaluation of the Committee	
10-10-2025	Cuma	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	
10-10-2025	Cuma	09:30-10:20		Toplantı -Pratik /Meeting Practical LAB Physiology: Sedimentation Test - Serkan AKSU	
10-10-2025	Cuma	10:30-11:20		Toplantı -Pratik /Meeting Practical LAB Physiology: Bleeding Time - Coagulation Tests - Serkan AKSU	
10-10-2025	Cuma	11:30-12:20		Toplantı -Pratik /Meeting Practical LAB Physiology: Blood Groups - Serkan AKSU	
10-10-2025	Cuma	12:30-13:20			
10-10-2025	Cuma	13:30-14:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Laboratory practice including video	
10-10-2025	Cuma	14:30-15:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Veins and arteries of Lower Limb	
10-10-2025	Cuma	15:30-16:20		Toplantı -Pratik /Meeting Practical LAB Anatomy: Practices, General review	
10-10-2025	Cuma	16:30-17:20		Toplantı -Pratik /Meeting Practical Foreign Language	
13-10-2025	Pazartesi	08:30-09:20		Toplantı -Pratik /Meeting Practical Foreign Language	
13-10-2025	Pazartesi	09:30-10:20		Toplantı -Pratik /Meeting Practical Foreign Language	
13-10-2025	Pazartesi	10:30-11:20		Toplantı -Pratik /Meeting Practical Foreign Language	

13-10-2025	Pazartesi	11:30-12:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
13-10-2025	Pazartesi	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
13-10-2025	Pazartesi	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
13-10-2025	Pazartesi	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
13-10-2025	Pazartesi	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
13-10-2025	Pazartesi	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	08:30-09:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	09:30-10:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	10:30-11:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	11:30-12:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	12:30-13:20		Akademik Danışmanlık Saati / Academic Counselling Hour	
14-10-2025	Salı	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
14-10-2025	Salı	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
15-10-2025	Çarşamba	08:30-09:20		Sınav / Exam HISTOLOGY LABORATORY EXAM	
15-10-2025	Çarşamba	09:30-10:20		Sınav / Exam HISTOLOGY LABORATORY EXAM	
15-10-2025	Çarşamba	10:30-11:20		Sınav / Exam HISTOLOGY LABORATORY EXAM	
15-10-2025	Çarşamba	11:30-12:20		Sınav / Exam HISTOLOGY LABORATORY EXAM	
15-10-2025	Çarşamba	12:30-13:20			
15-10-2025	Çarşamba	13:30-14:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
15-10-2025	Çarşamba	14:30-15:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
15-10-2025	Çarşamba	15:30-16:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
15-10-2025	Çarşamba	16:30-17:20		Yapılandırılmış Serbest Çalışma Saati / Structured Free Study Hour	
16-10-2025	Perşembe	08:30-09:20		Sınav / Exam MEDICAL MICROBIOLOGY LABORATORY EXAM	
16-10-2025	Perşembe	09:30-10:20		Sınav / Exam MEDICAL MICROBIOLOGY LABORATORY EXAM	
16-10-2025	Perşembe	10:30-11:20		Sınav / Exam MEDICAL MICROBIOLOGY LABORATORY EXAM	
16-10-2025	Perşembe	11:30-12:20		Sınav / Exam MEDICAL MICROBIOLOGY LABORATORY EXAM	
16-10-2025	Perşembe	12:30-13:20			
16-10-2025	Perşembe	13:30-14:20		Sınav / Exam ANATOMY LABORATORY EXAM	
16-10-2025	Perşembe	14:30-15:20		Sınav / Exam ANATOMY LABORATORY EXAM	
16-10-2025	Perşembe	15:30-16:20		Sınav / Exam ANATOMY LABORATORY EXAM	
16-10-2025	Perşembe	16:30-17:20		Sınav / Exam ANATOMY LABORATORY EXAM	
17-10-2025	Cuma	08:30-09:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	09:30-10:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	10:30-11:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	11:30-12:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	12:30-13:20			
17-10-2025	Cuma	13:30-14:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	14:30-15:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	15:30-16:20		Sınav / Exam 1st COMMITTEE EXAM	
17-10-2025	Cuma	16:30-17:20		Sınav / Exam 1st COMMITTEE EXAM	

AIM(S) of the PHASE2/COMMITTEE 1

1	In this committee, it is aimed that the students learn the histological features of the basic tissues of the human body, the anatomy of the muscles that make up the movement system, the biochemistry of the connective tissue and the physiological functions of the muscle and blood tissue.
2	In this committee, it is aimed that students learn basic information about microbiology, general medical bacteriology and sterilization.

OBJECTIVE(S) of the PHASE2/COMMITTEE 1

1.	To be able to classify the types of muscles, be able to count their functions
2.	To be able to explain head-neck, back, upper-lower extremity muscles and fascia, vessels and nerves, origo and insertios theoretically and on a cadaver-model.
3.	To be able to discuss peripheral nerve injuries and their clinical reflections.
4.	To be able to tell the cells of epithelial and glandular tissue, cell shapes, cells of connective tissue, types, connective tissue elements, types of cartilage, bone and blood tissues, functional properties of cells and their locations.
5.	To be able to count the types of muscle tissue, the elements that make up the muscle tissue, the differences between muscle types and their contraction mechanisms.
6.	To be able to classify nervous tissue, to be able to define cells, general characteristics and functions of cells.
7.	To be able to explain the basic features of stem cells and their use in the clinic.
8.	To be able to describe the physiological properties of cell membranes
9.	To be able to explain the generation and conduction of the cell action potential and local potential.
10.	To be able to describe the contraction-relaxation mechanisms of the muscle, the structure and conduction physiology of the motor nerve cell.
11.	To be able to explain the components of blood, its physical and functional properties, to be able to describe the structure, content, functions of plasma and the substances that mediate these functions.
12.	To be able to discuss the causes and consequences of erythrocyte deficiency or excess, and to be able to discuss bleeding-coagulation mechanisms and the role of blood cells in the development of these mechanisms.
13.	To be able to distinguish leukocyte types, to be able to count blood groups, to be able to interpret erythrocyte-reticulocyte, hemoglobin, hematocrit, sedimentation, bleeding and coagulation tests.
14.	To be able to explain the biochemical mechanisms of connective tissue, to be able to define the sources of free radicals and antioxidant systems in the body, and to be able to discuss the oxidant damage of these radicals in the tissues.
15.	To be able to explain and classify basic information about microbiology and

	microorganisms.
16.	To be able to define and apply sterilization, disinfection and antisepsis methods and usage areas.
17.	To be able to explain the fields of interest, basic diagnostic methods and usage purposes of medical microbiology.
18.	To be able to explain the basic structure and functions of bacteria of medical importance.
19.	To be able to discuss the human microbiome and its effects on human health.

INTENDED LEARNING OUTCOME(S) PHASE2/COMMITTEE 1

1.	Can classify the types of muscles, be able to count their functions
2.	Can explain head-neck, back, upper-lower extremity muscles and fascia, vessels and nerves, origo and insertions theoretically and on a cadaver-model.
3.	Can discuss peripheral nerve injuries and their clinical reflections.
4.	Can tell the cells of epithelial and glandular tissue, cell shapes, cells of connective tissue, types, connective tissue elements, types of cartilage, bone and blood tissues, functional properties of cells and their locations.
5.	Can count the types of muscle tissue, the elements that make up the muscle tissue, the differences between muscle types and their contraction mechanisms.
6.	Can classify nervous tissue, can define cells, general characteristics and functions of cells.
7.	Can explain the basic features of stem cells and their use in the clinic.
8.	Can describe the physiological properties of cell membranes
9.	Can explain the generation and conduction of the cell action potential and local potential.
10.	Can describe the contraction-relaxation mechanisms of the muscle, the structure and conduction physiology of the motor nerve cell.
11.	Can explain the components of blood, its physical and functional properties, can describe the structure, content, functions of plasma and the substances that mediate these functions.
12.	Can discuss the causes and consequences of erythrocyte deficiency or excess, and can discuss bleeding-coagulation mechanisms and the role of blood cells in the development of these mechanisms.
13.	Can distinguish leukocyte types, can count blood groups, can interpret erythrocyte-reticulocyte, hemoglobin, hematocrit, sedimentation, bleeding and coagulation tests.
14.	Can explain the biochemical mechanisms of connective tissue, can define the sources of free radicals and antioxidant systems in the body, and can discuss the oxidant damage of these radicals in the tissues.

15.	Can explain and classify basic information about microbiology and microorganisms.
16.	Can define and apply sterilization, disinfection and antisepsis methods and usage areas.
17.	Can explain the fields of interest, basic diagnostic methods and usage purposes of medical microbiology.
18.	Can explain the basic structure and functions of bacteria of medical importance.
19.	Can discuss the human microbiome and its effects on human health.