

GAZİ UNIVERSITY MEDICAL FACULTY

PHASE I

TISSUE BIOLOGY COMMITTEE II

(MARCH 27 2022 – APRIL 28 2023)

COURSES	THEORETICAL	PRACTICAL	TOTAL
ANATOMY	36	11X1	47
HISTOLOGY AND EMBRYOLOGY	25	4X2	29
PHYSIOLOGY	21	2X4	23
MEDICAL BIOCHEMISTRY	6	-	6
PSYCHIATRY	7	-	7
TOTAL	95	17	112
ELECTIVE COURSE	10	-	10
TOTAL	105	17	122

OBLIGATORY COURSES

Turkish Language	5
Ataturk's Principles and History of His Revolutions	5
Medical English	10

* Community Based Medical Education (CBME) trainings will be performed with the academic advisors parallel to the ongoing program as one hour per week.

Dean	Prof. Dr. Mustafa Necmi İLHAN
Vice Dean	Prof. Dr. İlyas OKUR
Vice Dean	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
Phase I Coordinator	Prof. Dr. Atiye Seda YAR SAĞLAM
Assistant Phase I Coordinator	Asst. Prof. Dr. Ayşe Meltem SEVGİLİ
Assistant Phase I Coordinator	Asst. Prof. Dr. Kerem ATALAR
Assistant Phase I Coordinator	Asst. Prof. Dr. Duygu DAYANIR
Assistant Phase I Coordinator	Asst. Prof. Dr. Melek YAMAN

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYOLOGY	PHYSIOLOGY	PSYCHIATRY	MEDICAL BIOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Meltem SEVGİLİ	Dr. Behçet COŞAR	Dr. Canan YILMAZ
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN		Dr. Aslı KURUOĞLU	Dr. Kübranur ÜNAL
			Dr. Selçuk ASLAN	
			İ. Ertek EKMEKÇİ	
ANATOMY LABORATORY				
Dr. Meltem BAHÇELİOĞLU	Dr. Kerem ATALAR	Dr. Ayşe SOYLU		
HISTOLOGY AND EMBRYOLOGY LABORATORY				
Dr. Çiğdem ELMAS	Dr. Zeynep YIĞMAN			
PHYSIOLOGY LABORATORY				
Dr. Meltem SEVGİLİ	Dr. Pelin TÜRKKAN			

Elective Course Coordinator

Assoc. Prof. Dr. Ergin DİLEKÖZ

Aim:

At the end of 42 days of academic course period, the Phase I students are expected to define the locations, types and functions of muscles, to identify nerve tissue, to determine morphological significance and biochemical properties of muscle and nerve tissues.

Learning Objectives:

Knowledge:

- ÖH-100-05-01 To understand the general information about the muscles in our body and be able to say the muscles, their places, types and functions
- ÖH-100-05-02 To classify the spinal cord and spinal nerves, to be able to tell the branches of the plexus and the muscles they innervate
- ÖH-100-05-03 To be able to evaluate the relationship between anatomical information and clinical conditions
- ÖH-100-05-04 To be able to define biochemical properties of nerve, epithelium, muscle and connective tissue, to explain related diseases
- ÖH-100-05-05 To be able to explain the mechanism of muscle contraction and energy sources
- ÖH-100-05-06 To be able to categorize muscles, types, organisms, structural and contractile properties
- ÖH-100-05-07 To be able to define the importance of calcium-muscle interaction, stimulation response and calcium
- ÖH-100-05-08 To be able to define neurotransmitters and their receptors, to be able to tell the synthesis and destruction pathways
- ÖH-100-05-09 To be able to explain neuron types, glial cells, synapse types, nerve-muscle junction, functional unit of nervous system
- ÖH-100-05-10 To be able to define sensory organs and sensory receptors, to explain electrical and chemical events in receptors
- ÖH-100-05-11 To be able to tell the cells, components and types of muscle and nerve tissue, which features the germ leaf develops
- ÖH-100-05-12 Describe the dermis, epidermis cells together with their properties
- ÖH-100-05-13 To be able to define the stages of human embryo development
- ÖH-100-05-14 To be able to explain the basic concepts of psychiatry, to explain the functioning of the mind

Skills:

- ÖH-100-05-15 To be able to show the muscles in the body and to distinguish the muscles and nerves of these muscles
- ÖH-100-05-16 Keeping the experimental animal properly and be able to prepare the preparation of nerve muscle junction in frog
- ÖH-100-05-17 To be able to examine tissues under microscope

Attitude:

- ÖH-100-05-18 Be aware of group work and cooperation in practical applications
- ÖH-100-05-19 Be aware of the need to comply with ethical rules when working with experimental animals
- ÖH-100-05-20 To be able to understand the importance of mental health in health concept

	27.03.2023 MONDAY	28.03.2023 TUESDAY	29.03.2023 WEDNESDAY	30.03.2023 THURSDAY	31.03.2023 FRIDAY
08:30- 09:20	FREE TIME	Psychiatric history Dr. B. Coşar	Psychosexual and psychosocial development Dr. A. Kuruoğlu	Muscles of facial expression and mastication Dr. Meltem Bahçelioğlu	Anatomy Lab-1
09:30- 10:20	Coordinators Office Briefing Meeting	General embryology Dr. Ç. Elmas	Psychosexual and psychosocial development Dr. A. Kuruoğlu	Muscle tissue biochemistry Dr. C. Yılmaz	Deep muscles of the neck and back Dr. Kerem Atalar
10:30- 11:20	Introduction to muscles Dr. Kerem Atalar	General embryology Dr. Ç. Elmas	General embryology Dr. Ç. Elmas	Muscle tissue biochemistry Dr. C. Yılmaz	Muscle Dr. Zeynep Yiğman
11:30- 12:20	Spinal cord and spinal nerves Dr. Kerem Atalar	Superficial structures of the neck Dr. Meltem Bahçelioğlu	General embryology Dr. Ç. Elmas	Superficial muscles of the neck and back Dr. Kerem Atalar	Muscle Dr. Zeynep Yiğman
13:30- 14:20	MEDICAL ENGLISH (Online)	Superficial structures of the neck Dr. Meltem Bahçelioğlu	Deep structures of the neck Dr. Meltem Bahçelioğlu	FREE TIME	General embryology Dr. Ç. Elmas
14:30- 15:20	MEDICAL ENGLISH (Online)	Deep structures of the neck Dr. Meltem Bahçelioğlu	Biochemistry of endothelium tissue Dr. C. Yılmaz	FREE TIME	General embryology Dr. Ç. Elmas
15:30- 16:20	ELECTIVE COURSE (Online)	FREE TIME	Connective tissue biochemistry Dr. C. Yılmaz	FREE TIME	Pectoral region and the breast Dr. Kerem Atalar
16:30- 17:20	ELECTIVE COURSE (Online)	5i - ATATURK'S PRINCIPLES AND HISTORY OFTURKISH REVOLUTION (Online)	Connective tissue biochemistry Dr. C. Yılmaz	FREE TIME	Axioppendicular and scapulohumeral muscles Dr. Kerem Atalar
17:30- 18:10	FREE TIME	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	FREE TIME

	03.04.2023 MONDAY	04.04.2023 TUESDAY	05.04.2023 WEDNESDAY	06.04.2023 THURSDAY	07.04.2023 FRIDAY
08:30-09:20	FREE TIME	Clinical anatomy Dr. M. Bahçelioğlu	Mind and Brain Dr. S. Aslan	FREE TIME	FREE TIME
09:30-10:20	Axilla Dr. M. Bahçelioğlu	Clinical anatomy Dr. M. Bahçelioğlu	Mind and Brain Dr. S. Aslan	Palm of the hand Dr. M. Bahçelioğlu	FREE TIME
10:30-11:20	Brachial plexus Dr. M. Bahçelioğlu	Physiology of peripheral nervous system Dr. M. Sevgili	General embryology Dr. Ç. Elmas	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	General embryology Dr. Ç. Elmas
11:30-12:20	Brachial plexus Dr. M. Bahçelioğlu	Physiology of peripheral nervous system Dr. M. Sevgili	General embryology Dr. Ç. Elmas	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	General embryology Dr. Ç. Elmas
13:30-14:20	MEDICAL ENGLISH (Online)	Nervous tissue Dr. Zeynep Yiğman	Anterior and posterior compartment of the arm Dr. M. Bahçelioğlu	Conduction properties of peripheral nervous system Dr. M. Sevgili	Skeleton muscle and contraction theories Dr. M. Sevgili
14:30-15:20	MEDICAL ENGLISH (Online)	Nervous tissue Dr. Zeynep Yiğman	Anterior compartment of the forearm Dr. M. Bahçelioğlu	Synapses and types of synapses Dr. M. Sevgili	Skeleton muscle and contraction theories Dr. M. Sevgili
15:30-16:20	ELECTIVE COURSE (Online)	Anatomy Lab-2	Anterior compartment of the forearm Dr. M. Bahçelioğlu	Mind and Brain Dr. S. Aslan	Neuromuscular junction Dr. M. Sevgili
16:30-17:20	ELECTIVE COURSE (Online)	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	FREE TIME	FREE TIME	FREE TIME
17:30-18:10	FREE TIME	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	FREE TIME

	10.04.2023 MONDAY	11.04.2023 TUESDAY	12.04.2023 WEDNESDAY	13.04.2023 THURSDAY	14.04.2023 FRIDAY
08:30-09:20	FREE TIME	Lumbosacral plexus Dr. Kerem Atalar	FREE TIME	FREE TIME	Anteromedial compartment of the thigh Dr. Kerem Atalar
09:30-10:20	Nervous tissue Dr. Zeynep Yıgman	Lumbosacral plexus Dr. Kerem Atalar	FREE TIME	FREE TIME	Anteromedial compartment of the thigh Dr. Kerem Atalar
10:30-11:20	Clinical anatomy Dr. M. Bahçeliođlu	Mechanical properties of skeletal muscles Dr. M. Sevgili	Mechanical properties of skeletal muscles Dr. M. Sevgili	Synaptic integration Dr. M. Sevgili	General embryology Dr. Ç. Elmas
11:30-12:20	Clinical anatomy Dr. M. Bahçeliođlu	Mechanical properties of skeletal muscles Dr. M. Sevgili	Mechanical properties of skeletal muscles Dr. M. Sevgili	Synaptic integration Dr. M. Sevgili	General embryology Dr. Ç. Elmas
13:30-14:20	MEDICAL ENGLISH (Online)	Histology Lab-1	General embryology Dr. Ç. Elmas	Histology Lab-2	Properties of synaptic conduction Dr. M. Sevgili
14:30-15:20	MEDICAL ENGLISH (Online)	Histology Lab-1	General embryology Dr. Ç. Elmas	Histology Lab-2	Properties of synaptic conduction Dr. M. Sevgili
15:30-16:20	ELECTIVE COURSE (Online)	Anatomy Lab-3	Personality and defence mechanisms Dr. İ. Ertek Ekmekçi	General embryology Dr. Ç. Elmas	Anatomy Lab-4
16:30-17:20	ELECTIVE COURSE (Online)	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	Personality and defence mechanisms Dr. İ. Ertek Ekmekçi	General embryology Dr. Ç. Elmas	FREE TIME
17:30-18:10	FREE TIME	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	FREE TIME

	17.04.2023 MONDAY	18.04.2023 TUESDAY	19.04.2023 WEDNESDAY	20.04.2023 THURSDAY	21.04.2023 FRIDAY
08:30-09:20	Physiology Lab-1	Anatomy Lab-5	FREE TIME	FREE TIME	RAMAZAN BAYRAMI
09:30-10:20	Physiology Lab-1	Nerve Tissue Biochemistry Dr. K. ÜNAL	Anterolateral compartment of the leg Dr. Kerem Atalar	FREE TIME	RAMAZAN BAYRAMI
10:30-11:20	Physiology Lab-1	Gluteal region Dr. Kerem Atalar	Posterior compartment of the leg Dr. Kerem Atalar	FREE TIME	RAMAZAN BAYRAMI
11:30-12:20	Physiology Lab-1	Posterior compartment of the thigh Dr. Kerem Atalar	Anatomy Lab-6	FREE TIME	RAMAZAN BAYRAMI
13:30-14:20	MEDICAL ENGLISH (Online)	Sensorial receptors Dr. M. Sevgili	Phyiology of smooth muscle Dr. M. Sevgili	FREE TIME	RAMAZAN BAYRAMI
14:30-15:20	MEDICAL ENGLISH (Online)	Sensorial receptors Dr. M. Sevgili	Physiology of smooth muscle Dr. M. Sevgili	FREE TIME	RAMAZAN BAYRAMI
15:30-16:20	ELECTIVE COURSE (Online)	FREE TIME	Anatomy of the foot Dr. Kerem Atalar	FREE TIME	RAMAZAN BAYRAMI
16:30-17:20	ELECTIVE COURSE (Online)	5i - ATATURK'S PRINCIPLES AND HISTORY OFTURKISH REVOLUTION (Online)	Anatomy of the foot Dr. Kerem Atalar	FREE TIME	RAMAZAN BAYRAMI
17:30-18:10	FREE TIME	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	RAMAZAN BAYRAMI

	24.04.2023 MONDAY	25.04.2023 TUESDAY	26.04.2023 WEDNESDAY	27.04.2023 THURSDAY	28.04.2023 FRIDAY
08:30-09:20	FREE TIME	FREE TIME	FREE TIME	Physiology Lab-2	FREE TIME
09:30-10:20	Anatomy Lab-7	Anatomy Lab-8	Anatomy Lab-9	Physiology Lab-2	FREE TIME
10:30-11:20	Clinical and radiographic anatomy Dr. M. Bahçeliođlu	Histology Lab-3	Autonomic nervous system Dr. M. Sevgili	Physiology Lab-2	FREE TIME
11:30-12:20	Clinical and radiographic anatomy Dr. M. Bahçeliođlu	Histology Lab-3	Autonomic nervous system Dr. M. Sevgili	Physiology Lab-2	FREE TIME
13:30-14:20	MEDICAL ENGLISH (Online)	General embryology Dr. Ç. Elmas	Integument Dr. Zeynep Yıđman	Anatomy Lab-10	FREE TIME
14:30-15:15	MEDICAL ENGLISH (Online)	General embryology Dr. Ç. Elmas	Integument Dr. Zeynep Yıđman	Anatomy Lab-11	FREE TIME
15:30-16:20	ELECTIVE COURSE (Online)	FREE TIME	FREE TIME	Histology Lab-4	FREE TIME
16:30-17:20	ELECTIVE COURSE (Online)	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	FREE TIME	Histology Lab-4	FREE TIME
17:30-18:10	FREE TIME	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	FREE TIME