

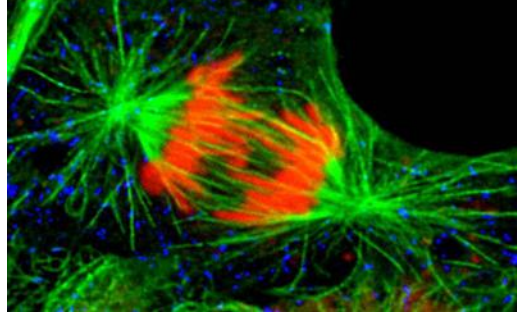
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Tip Fakültesi

**MARMARA UNIVERSITY
EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**INTRODUCTION TO CELL AND CELLULAR REPLICATION
YEAR 1 COURSE 1
September 30th , 2024 – November 21st , 2024**

Year 1 Coordinators

Prof. Mustafa AKİPRİK & Prof. Dilek AKAKIN & Assoc. Prof. Ergül MUTLU ALTUNDAĞ

PBL Module Coordinator

Prof. Rezzan Gülhan
Assist. Prof. Masoud AFSHANI

Coordinator of Multidisciplinary Students' Lab.

Assoc. Prof. Burak AKSU
Assoc. Prof. Ergül MUTLU ALTUNDAĞ

Coordinator of Clinical Skill Lab.

Prof. Pemra ÜNALAN
Assist. Prof. Bülent SEZGİN

Coordinator of ICS Res. Lab.

Prof. Pemra ÜNALAN
Assist. Prof. İlke AKÇAY

Vice-Chief Coordinators

Assessment

Asist. Prof. Cevdet NACAR
Assist. Prof. Halil Eren SAKALLI

Student Affairs

Asist. Prof. Can ERZİK
Assist. Prof. İlke AKÇAY

Chief Coordinator

Prof. Hasan R. YANANLI
Assoc. Prof. Amber Eker

Coordinator of Medical Education Program Evaluation and Development Commission

Prof. Harika ALPAY

Coordinator of the Joint Program

Prof. Süleyman Ümit ŞEHİRLİ

Dean (EMU) (a)

Assoc. Prof. Nilüfer GÜZOĞLU

Dean (MU)

Prof. Süleyman Ümit ŞEHİRLİ

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LEARNING OUTCOMES / COMPETENCIES

A. Clinical Care: Qualified patient care and community oriented health care

1. Basic clinical skills
2. The organization and management of the patient and the patient care
3. The organization and the management of health care delivery services / system
4. Health promotion and disease prevention

B. Medical Knowledge and Evidence-Based Medicine

5. Appropriate information retrieval and management skills
6. The integration of knowledge, critical thinking and evidence-based decision making
7. Scientific methods and basic research skills

C. Professional Attitudes and Values

8. Communication skills and effective communication with patients / patient relatives
9. Interpersonal relationships and team working
10. Ethical and professional values, responsibilities
11. Individual, social and cultural values and responsibilities
12. Reflective practice and continuing development
13. Healthcare delivery systems, management and community oriented healthcare
14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

1. Understanding the normal structures and functions of human body
2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
4. Gaining basic clinical skills by applications in simulated settings.
5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional and ethical values
7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course : Growth, Development, Mental and Endocrine Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

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INTRODUCTION TO CELL AND CELLULAR REPLICATION	
AIM and LEARNING OBJECTIVES of COURSE Aim: At the end of this committee, first year students will gain knowledge about structure, function and mechanisms in human biology at the molecular and cellular levels with a specific emphasis on cellular replication and genetics. Learning Objectives: At the end of this committee, students will, <ul style="list-style-type: none">• Identify and describe the development, structure and function of cell and its subcomponents• Evaluate the biochemical process of the cell• Understand cell division process and related mechanisms• Describe the genetics mechanisms and protein biosynthesis• Understand genetic variation in individuals• Describe the molecular mechanisms of genetic inheritance and genetic basis of inherited disease• Acquire skills necessary to perform experimental applications	
ASSESSMENT SYSTEM Module examination: Written exam at the end of module (10 % of final score) Practical examination: Practical exams at the end of course Course examination: Written exam at the end of course	PROGRAM EVALUATION Evaluation at the end of the course, is done both orally and by using structured evaluation forms
DEPARTMENTS PARTICIPATING IN COURSE-1 & MODULE-1	
<ul style="list-style-type: none">• Biochemistry• Biophysics• Biostatistics• Chemistry• Histology & Embryology	<ul style="list-style-type: none">• Medical Biology• Medical Genetics• Medical History and Ethics• Pediatrics
LECTURERS / TUTORS	
Adil Şeytanoğlu, Assist. Prof., Molecular Biology and Genetics Betül Yılmaz, Prof., Biochemistry Bilgen Bilge Geçkinli, Assoc. Prof., Medical Genetics Bülent Sezgin, Assist. Prof., Internal Medicine Can Erzik Assist. Prof., Medical Biology Cevdet Nacar, Assist. Prof., Biophysics Erdi Sözen, Assist. Prof., Biochemistry Ergül Mutlu Altundağ, Assoc., Prof., Medical Biochemistry Feriha Ercan, Prof., Histology and Emrbyology Huriye İcil, Prof., Chemistry Goncagül Haklar, Prof., Biochemistry Gökçe Güllü Amuran., Assist. Prof Medical Biology Gürkan Sert, Assoc. Prof., Medical Ethics Hatice Boracı, Dr.Inst., PBL İlke Akçay, Assist. Prof., Biostatistics İrem Peker Eyüboğlu Assist.Prof., Medical Biology Masoud Afshani, Assist.Prof.,Histology and Embryology	Mustafa Akkiprik, Prof., Medical Biology Önder Şirikçi, Prof., Medical Biochemistry Pınar Mega Tiber, Assoc. Professor of Biophysics Pemra Cöbek Ünalın Prof., Family Medicine Serap Şirvancı, Prof., Histology and Embryology Mete Özsezer, Inst. Dr., Atatürk's Principles and History of Modern Turkey Dr. Evrim Dalyan Eberdes Inst. Dr., Turkish Language
READING / STUDYING MATERIALS	
<ul style="list-style-type: none">• Basic Histology, Junqueira, Corneiro, 8th Ed., Lange• Başlangıcından Rönesansa Kadar Tıp Tarihi, Emine Atabek, Şefik Görkey	

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- Biochemistry, Stryer, 4th Ed., Freeman
- Biochemistry, Zubay, 3rd Ed., WCB
- Color Textbook of Histology, Gatrner, Hiatt, WB Saunders
- Harper's Biochemistry, Murray, Granner, 23rd Ed., Lange
- Histology: A Text and Atlas, Ross, Romwell, 3rd, Lippincott
- History of Medicine Ders Notları, Şefik Görkey
- Leninger Principles of Biochemistry, Nelson, Cox, 3rd, Worth
- Medicine: An Illustrated History, Albert S. Lyons, R. Joseph Petrucelli,
- Molecular Biology of the Cell, Alberts, Bray, 6rd Ed., Garland
- Physics, Giancoli, 4th Ed., Prentice Hall
- The Cell: A Molecular Approach, Cooper, 2nd Ed., ASM Press
- Türk Tıp Tarihi, Bedi Şeyhsuvaroğlu, Gönül Cantay.

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SUMMARY OF THE COURSE 1.1			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Biochemistry	27	8	35
Biophysics	5		5
Biostatistics	6		6
Chemistry	20		20
Histology and Embryology	7	4	11
Medical Biology	33		33
Medical Genetics	1		1
Medical History and Ethics	11		11
Problem Based Learning (PBL) Module	11		11
Subtotal	121	12	133
ICS-1 CSL-FA: Clinical Skills Laboratory & Introduction to First Aid Course (MEDN161)			
ICS-1 CS-MI: Communication Skills & Introduction to Medical Interview (MEDN162)	0		0
ICS-1 SR-CS: Introduction to Student Research and Computer Skills (MEDN163)	4		4
Medical English (ENGL131)	12		12
Atatürk's Principles and the History of Turkish Renovation (for Turkish students) (HIST180)	10		10
Turkish for Medical Students-I (Foreign Students) (TFMS101)	24		24
Elective (AE-01)	10		10
TOTAL	181	12	193

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
1st Week (30 September – 04 October 2024)			
Monday	30 September		
08:40-09:30	Opening and White- Coat Ceremony Starts at 10:00 am		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Tuesday	01 October		
08:40-09:30	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
09:40-10:30	Origin of life	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Molecular recognition process	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	Nucleic acids	Dr. Adil Şeytanoğlu	IN CLASS
13:40-14:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
14:30-15:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
14:40-15:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
15:30-16:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:40-16:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
16:40-17:30	STUDY TIME		

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Wednesday	02 October		
08:40-09:30	Nucleus and nuclear genome	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Nucleus and nuclear genome	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Thursday	03 October		
08:40-09:30	Cell division kinetics	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Genes and heredity	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	STUDY TIME		
11:40-12:30	STUDY TIME		
13:40-14:30	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
14:40-15:30	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
15:40-16:30	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
16:40-17:30	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
Friday	04 October		
08:40-09:30	Amino acids	Dr. Önder Şirikçi	IN CLASS
09:40-10:30	Amino acids	Dr. Önder Şirikçi	IN CLASS
10:40-11:30	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
11:40-12:30	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
13:40-14:30	STUDY TIME		
14:40-15:30	Meiosis	Dr. Adil Şeytanoğlu	IN CLASS
15:40-16:30	PBL- Orientation	Dr. Masoud Afshani	IN CLASS

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16:40-17:30	PBL- Orientation	Dr. Masoud Afshani	IN CLASS
2nd Week (07 October – 11 October 2024)			
Monday	07 October		
08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30			
15:40-16:30	Elective Courses		
16:40-17:30	Elective Courses		
Tuesday	08 October		
08:40-09:30	DNA replication	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	DNA replication	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	RNA synthesis and processing	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	RNA synthesis and processing	Dr. Adil Şeytanoğlu	IN CLASS
13:40-14:30	STUDY TIME		
14:30-15:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:30-16:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
16:40-17:30	Introduction to organic chemistry	Dr. Huriye İcil	IN CLASS
17:40-18:30	Chemical bonds	Dr. Huriye İcil	IN CLASS
Wednesday	09 October		
08:40-09:30	Cell cycle	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	ICS-1 SR-CS: Introduction to ICS-Research	Dr. İlke Akçay	IN CLASS
10:40-11:30	ICS-1 SR-CS: Philosophy of Research and Scientific Approach	Dr. İlke Akçay	IN CLASS

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11:40-12:30	ICS-1 SR-CS: Global look to different research designs	Dr. İlke Akçay	IN CLASS
13:40-14:30	Protein synthesis	Dr. Can Erzik	MS TEAMS
14:40-15:30	Protein synthesis	Dr. Can Erzik	MS TEAMS
15:40-16:30	Atoms and atomic theory, atomic properties and periodic table	Dr. Huriye İcil	IN CLASS
16:40-17:30	Chemical compounds: ionic and covalent	Dr. Huriye İcil	IN CLASS
Thursday	10 October		
08:40-09:30	Mitosis	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
10:40-11:30	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
11:40-12:30	STUDY TIME		
13:40-14:30	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
14:40-15:30	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
15:40-16:30	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
16:40-17:30	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
17:40-18:30	Enzymes: Introduction	Dr. Betül Yılmaz	IN CLASS
Friday	11 October		
08:40-09:30	Enzymes: Introduction	Dr. Betül Yılmaz	IN CLASS
09:40-10:30	Enzymes: Regulation	Dr. Betül Yılmaz	IN CLASS
10:40-11:30	Enzymes: Regulation	Dr. Betül Yılmaz	IN CLASS
11:40-12:30	Enzymes: Mechanism of action	Dr. Betül Yılmaz	IN CLASS
13:40-14:30	Enzymes: Mechanism of action	Dr. Betül Yılmaz	IN CLASS
14:40-15:30	Introduction to human genetics	Dr. Adil Şeytanoğlu	IN CLASS
15:40-16:30	Genetic variation in populations	Dr. Adil Şeytanoğlu	IN CLASS
16:40-17:30	STUDY TIME		

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3rd Week (14 October – 18 October 2024)			
Monday	14 October		
08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30			
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
Tuesday	15 October		
08:40-09:30	Introduction to biophysics	Dr. Pınar Mega Tiber	IN CLASS
09:40-10:30	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
10:40-11:30	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
11:40-12:30	Energy, heat, work and power of the body	Dr. Pınar Mega Tiber	IN CLASS
13:40-14:30	STUDY TIME		
14:30-15:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:30-16:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
16:40-17:30	STUDY TIME		
Wednesday	16 October		
08:40-09:30	Y3C1 Committee Exam		
09:40-10:30			
10:40-11:30	PBL-1	Dr. Amber Eker Dr. Ergül Mutlu Altundağ Dr. Özge Eker Inst. Namık Kerküklü Inst. Kadir Çakıral	IN CLASS
11:40-12:30	PBL-1		

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13:40-14:30	Microscope	Dr. Masoud Afshani	IN CLASS
14:40-15:30	Microscope	Dr. Masoud Afshani	IN CLASS
15:40-16:30	Cellular organelles and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
16:40-17:30	Cellular organelles and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
Thursday	17 October		
08:40-09:30	Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
09:40-10:30	Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
10:40-11:30	Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	Biochemistry LAB: Spectrophotometer - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
	Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	Biochemistry LAB: Spectrophotometer - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
Friday	18 October		
08:40-09:30	Chemical reactions and equilibrium	Dr. Huriye İcil	IN CLASS
09:40-10:30	Chemical reactions and equilibrium	Dr. Huriye İcil	IN CLASS
10:40-11:30	Nucleus and cell division	Dr. Feriha Ercan	MS TEAMS

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11:40-12:30	Nucleus and cell division	Dr. Feriha Ercan	MS TEAMS
13:40-14:30	ICS-1 CSL-FA: Aims of First Aid, Primary Survey of the area and assessment of the victim	Dr. Bülent Sezgin	IN CLASS
14:40-15:30	ICS-1 CSL-FA: Aims of First Aid, Primary Survey of the area and assessment of the victim	Dr. Bülent Sezgin	IN CLASS
15:40-16:30	ICS-1 CSL-FA: CPR (Cardiopulmonary Resuscitation) and Choking (adult)	Dr. Bülent Sezgin	IN CLASS
16:40-17:30	ICS-1 CSL-FA: CPR (Cardiopulmonary Resuscitation) and Choking (adult)	Dr. Bülent Sezgin	IN CLASS
4th Week (21 October – 25 October 2024)			
Monday	21 October		
08:40-09:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			
12:40-13:30	Meeting with Accreditation Commision (for Foreign Students)		MED 001
13:40-14:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	Akreditasyon Komisyonu ile Toplantı		MED 001
15:40-16:30	Elective Courses		
16:40-17:30	Elective Courses		
Tuesday	22 October		
08:40-09:30	Factors affecting single-gene inheritance patterns	Dr. Adil Şeytanoğlu	IN CLASS
09:40-10:30	Viruses, plasmids, transposable genetic elements	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	What is statistics and biostatistics?	Dr. İlke Akçay	IN CLASS
11:40-12:30	Statistics in medical research	Dr. İlke Akçay	IN CLASS
13:40-14:30	Histotechniques	Dr. Serap Şirvancı	MS TEAMS
14:30-15:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:30-16:20	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS

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16:40-17:30	Acids and bases	Dr. Huriye İcil	IN CLASS
17:40-18:30	Acids and bases	Dr. Huriye İcil	IN CLASS
Wednesday	23 October		
08:40-09:30	Histology LAB: Cell types - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
09:40-10:30	Histology LAB: Cell types - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
10:40-11:30	Histology LAB: Cell types - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
11:40-12:30	Histology LAB: Cell types - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
13:40-14:30	ICS-1 SR-CS: Literature Review	Dr. İlke Akçay	IN CLASS
14:40-15:30	ICS-1 SR-CS: Literature Review (Practical)	Dr. İlke Akçay	IN CLASS
15:40-16:30	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS
16:40-17:30	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS
Thursday	24 October		
08:40-09:30	STUDY TIME		
09:40-10:30	STUDY TIME		
10:40-11:30	Designing research	Dr. İlke Akçay	IN CLASS
11:40-12:30	Types of data	Dr. İlke Akçay	IN CLASS
13:40-14:30	STUDY TIME		
14:40-15:30	STUDY TIME		
15:40-16:30	Information content of DNA	Dr. Cevdet Nacar	MS TEAMS
16:40-17:30			
Friday	25 October		
08:40-09:30	PBL-2	Dr. Amber Eker	IN CLASS
09:40-10:30	PBL-2	Dr. Ergül Mutlu Altundağ Dr. Özge Eker	

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		Inst. Namık Kerküklü Inst. Kadir Çakıral	
10:40-11:30	Chromosome structure, function and anomalies	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	Multifactorial inheritance	Dr. Adil Şeytanoğlu	IN CLASS
13:40-14:30	Histology LAB: Cell division - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
14:40-15:30	Histology LAB: Cell division - Group A	Dr. Masoud Afshani	Multidisciplinary Lab.
15:40-16:30	Histology LAB: Cell division - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.
16:40-17:30	Histology LAB: Cell division - Group B	Dr. Masoud Afshani	Multidisciplinary Lab.

		5th Week (28 October – 01 November 2024)		
Cyprus Local Time	Turkey Local Time			
Monday		28 October		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN 125- Medical Antropology) (MDCN 181- Forensic Sciences) (MDCN-314-Introduction to Health Psychology) (MDCN-316- Introduction to Lifestyle Medicine) (AICS 361- Artificial Intelligence In Medicine) (GFMS -101 - German for Medical Students)	Inst. Deren Çeker Dr. Cemal Gürkan Inst. Hazal Dinçyürek Dr. Ayşe Atasoylu Dr. Adnan Acan Inst. Aslihan Engin Bozoğlu	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		29 October		
08:40-09:30	09:40-10:30			
09:40-10:30	10:40-11:30			

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10:40-11:30	11:40-12:30	Turkish Republic Republic Day		
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Wednesday		30 October		
08:40-09:30	09:40-10:30	ICS-1 CSL-FA: Head and Neck injuries ,Seizures and Stroke	Dr. Amber Eker	IN CLASS
09:40-10:30	10:40-11:30	ICS-1 CSL-FA: Head and Neck injuries ,Seizures and Stroke	Dr. Amber Eker	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 CSL-FA: Bleeding	Dr.Nilüfer Güzoğlu	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 CSL-FA: Cardiopulmonary Resuscitation and Choking (infant)	Dr.Nilüfer Güzoğlu	IN CLASS
13:40-14:30	14:40-15:30	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
14:40-15:30	15:40-16:30	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
15:40-16:30	16:40-17:30	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS
16:40-17:30	17:40-18:30	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS
Thursday		31 October		
08:40-09:30	09:40-10:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	Biochemistry LAB: Urease - Group B	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
13:40-14:30	14:40-15:30	Regulation of gene expression	Dr. İrem Peker Eyüboğlu	MS TEAMS

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14:40-15:30	15:40-16:30	Regulation of gene expression	Dr. İrem Peker Eyüboğlu	MS TEAMS
15:40-16:30	16:40-17:30	Cytogenetics	Dr. Bilgen Bilge Geçkinli	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		
Friday		01 November		
08:40-09:30	09:40-10:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplin ary Lab.
09:40-10:30	10:40-11:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplin ary Lab.
		Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
10:40-11:30	11:40-12:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplin ary Lab.
		Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
11:40-12:30	12:40-13:30	Biochemistry LAB: Urease - Group A	Dr. Ergül Mutlu Altundağ	Multidisciplin ary Lab.
		Turkish For Medical Students-I (Interactive session for Foreign Students)	Inst. Emine Özerinç	IN CLASS
13:40-14:30	14:40-15:30	Electrochemistry: oxidation and reduction	Dr. Huriye İcil	IN CLASS
14:40-15:30	15:40-16:30	Electrochemistry: oxidation and reduction	Dr. Huriye İcil	IN CLASS
15:40-16:30	16:40-17:30	PBL-3	Dr. Amber Eker Dr. Ergül Mutlu Altundağ Dr. Özge Eker Inst. Namık Kerküklü Inst. Kadir Çakıral	IN CLASS
16:40-17:30	17:40-18:30	PBL-3		
6th Week (04 November – 08 November 2024)				
Cyprus Local Time	Turkey Local Time			
Monday		04 November		
08:40-09:30	09:40-10:30			
09:40-10:30	10:40-11:30			

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10:40-11:30	11:40-12:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN 125- Medical Antropology) (MDCN 181- Forensic Sciences (MDCN-314-Introduction to Health Psychology) (MDCN-316- Introduction to Lifestyle Medicine) (AICS 361- Artificial Intelligence In Medicine) (GFMS -101 - German for Medical Students)	Inst. Deren Çeker Dr. Cemal Gürkan Inst. Hazal Dinçyürek Dr. Ayşe Atasoylu Dr. Adnan Acan Inst. Aslıhan Engin Bozoğlu	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		05 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	PBL Feedback Session	Inst. Hüseyin Beyaz	IN CLASS
10:40-11:30	11:40-12:30	ICS-1 CSL- FA: Burns , Poisoning, Bites	Dr.Nilüfer Güzoğlu	IN CLASS
11:40-12:30	12:40-13:30	ICS-1 CSL - FA: Burns , Poisoning, Bites	Dr.Nilüfer Güzoğlu	IN CLASS
13:40-14:30	14:40-15:30	STUDY TIME		
14:30-15:20	15:40-16:30	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:30-16:20	16:40-17:30	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
16:40-17:30	17:40-18:30	Structure of proteins	Dr. Huriye İcil	IN CLASS
17:40-18:30	18:40-19:30	High energy compounds	Dr. Huriye İcil	IN CLASS
Wednesday		06 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Posttranscriptional and posttranslational modification	Dr. Erdi Sözen	MS TEAMS
10:40-11:30	11:40-12:30	Posttranscriptional and posttranslational modification	Dr. Erdi Sözen	MS TEAMS
11:40-12:30	12:40-13:30	Recombination	Dr. Can Erzik	MS TEAMS

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13:40-14:30	14:40-15:30	ICS-1 SR-CS: Announcement of Research Groups and mentors (Practical)	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	ICS-1 SR-CS: Group Warm-up activities (Practical)	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 SR-CS: Group Warm-up activities (Practical)	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		07 November		
08:40-09:30	09:40-10:30	Cell death and molecular mechanisms	Dr. Mustafa Akkiprik	MS TEAMS
09:40-10:30	10:40-11:30	Molecular basis of disease	Dr. Mustafa Akkiprik	MS TEAMS
10:40-11:30	11:40-12:30	Detection of nucleic acids	Dr. Gökçe Güllü Amuran	MS TEAMS
11:40-12:30	12:40-13:30	Tools of cell biology	Dr. Gökçe Güllü Amuran	MS TEAMS
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	Structure of nucleic acids	Dr. Ergül Mutlu Altundağ	IN CLASS
15:40-16:30	16:40-17:30	Structure of lipids	Dr. Huriye İcil	IN CLASS
16:40-17:30	17:40-18:30	Structure of carbohydrates	Dr. Huriye İcil	IN CLASS
Friday		08 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Mutations and polymorphisms	Dr. Adil Şeytanoğlu	IN CLASS
10:40-11:30	11:40-12:30	DNA Repair	Dr. Adil Şeytanoğlu	IN CLASS
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	Describing the data with graphics	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	Describing the data with numbers	Dr. İlke Akçay	IN CLASS
15:40-16:30	16:40-17:30	ICS-1 CSL- FA: Musculoskeletal Injuries	Dr Barış Sarı Dr.Bülent Sezgin	IN CLASS
16:40-17:30	17:40-18:30	ICS-1 CSL- FA: Musculoskeletal Injuries	Dr Barış Sarı Dr.Bülent Sezgin	IN CLASS

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		7th Week (11 November – 15 November 2024)		
Cyprus Local Time	Turkey Local Time			
Monday		11 November		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)	Dr. Evrim Dalyan Eberdes	IN CLASS
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Medical English (Gr 1 & Gr 2)	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	Elective Courses (MDCN 125- Medical Antropology) (MDCN 181- Forensic Sciences (MDCN-314-Introduction to Health Psychology) (MDCN-316- Introduction to Lifestyle Medicine) (AICS 361- Artificial Intelligence In Medicine) (GFMS -101 - German for Medical Students)	Inst. Deren Çeker Dr. Cemal Gürkan Inst. Hazal Dinçyürek Dr. Ayşe Atasoylu Dr. Adnan Acan Inst. Aslihan Engin Bozoğlu	IN CLASS
16:40-17:30	17:40-18:30			
Tuesday		12 November		
08:40-09:30	09:40-10:30	ICS 1-CSL - FA: CSL activity hand washing and sterile glove wearing	Dr. Amber Eker Inst. Namık Kerküklü	ICS LAB.
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	STUDY TIME		
14:30-15:20	15:40-16:30	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
15:30-16:20	16:40-17:30	Atatürk's Principles and History of Modern Turkey	Dr. Mete Özsezer	MS TEAMS
16:40-17:30	17:40-18:30	STUDY TIME		

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Wednesday		13 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	Introduction to history of medicine	Dr. Gürkan Sert	IN CLASS
10:40-11:30	11:40-12:30	Turning points in History of Medicine	Dr. Gürkan Sert	IN CLASS
11:40-12:30	12:40-13:30	Turning points in History of Medicine	Dr. Gürkan Sert	IN CLASS
13:40-14:30	14:40-15:30	History of Medicine in Seljukid and Ottoman Ages	Dr. Gürkan Sert	IN CLASS
14:40-15:30	15:40-16:30	History of Medicine in Turkish Republic	Dr. Gürkan Sert	IN CLASS
15:40-16:30	16:40-17:30	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
16:40-17:30	17:40-18:30	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
Thursday		14 November		
08:40-09:30	09:40-10:30	History of Physiology	Dr. Gürkan Sert	IN CLASS
09:40-10:30	10:40-11:30	History of Anatomy	Dr. Gürkan Sert	IN CLASS
10:40-11:30	11:40-12:30	History of surgery	Dr. Gürkan Sert	IN CLASS
11:40-12:30	12:40-13:30	Evolution of the concept of infection	Dr. Gürkan Sert	IN CLASS
13:40-14:30	14:40-15:30	History of human experimentation	Dr. Gürkan Sert	IN CLASS
14:40-15:30	15:40-16:30	History of medical professionalism	Dr. Gürkan Sert	IN CLASS
15:40-16:30	16:40-17:30	PBL-4	Dr. Amber Eker Dr. Ergül Mutlu Altundağ Dr. Özge Eker Inst. Namık Kerküklü Inst. Kadir Çakıral	IN CLASS
16:40-17:30	17:40-18:30	PBL-4		
17:40-18:30	18:40-19:30	Signal transduction and sensory stimuli	Dr. Ergül Mutlu Altundağ	IN CLASS
18:40-19:30	19:40-20:30	Signal transduction and sensory stimuli	Dr. Ergül Mutlu Altundağ	IN CLASS
Friday		15 November		

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08:40-09:30	09:40-10:30	THE REPUBLIC DAY OF TRNC		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30			
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
17:40-18:30	18:40-19:30			
		8th Week (18 November – 22 November 2024)		
Cyprus Local Time	Turkey Local Time			
Monday		18 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Tuesday		19 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		

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13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Wednesday		20 November		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
Thursday		21 November		
08:40-09:30	09:40-10:30	Y1C1 COMMITTEE EXAM		
09:40-10:30	10:40-11:30			
10:40-11:30	11:40-12:30			
11:40-12:30	12:40-13:30			
13:40-14:30	14:40-15:30	Committee Exam Feedback Session	Dr. Ergül Mutlu Altundağ Dr. Halil Eren Sakallı	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30			
16:40-17:30	17:40-18:30			
Friday		24 November		

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08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	STUDY TIME		
10:40-11:30	11:40-12:30	STUDY TIME		
11:40-12:30	12:40-13:30	STUDY TIME		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	STUDY TIME		
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		