

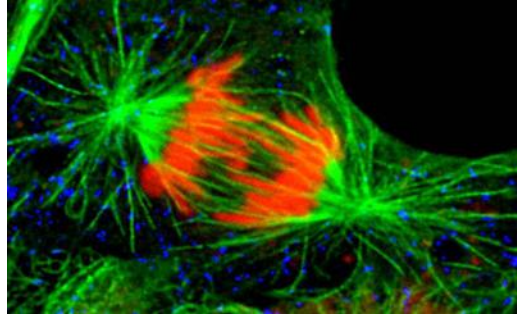
Last updated on 11 September, 2024

"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."



Tip Fakültesi

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



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

**Year 1 Coordinators**

Prof. Mustafa AKKİPRİK & 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

**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

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

**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

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

INTRODUCTION TO CELL AND CELLULAR REPLICATION	
<b>AIM and LEARNING OBJECTIVES of COURSE</b> <b>Aim:</b> 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. <b>Learning Objectives:</b> At the end of this committee, students will, <ul style="list-style-type: none"><li>• Identify and describe the development, structure and function of cell and its subcomponents</li><li>• Evaluate the biochemical process of the cell</li><li>• Understand cell division process and related mechanisms</li><li>• Describe the genetics mechanisms and protein biosynthesis</li><li>• Understand genetic variation in individuals</li><li>• Describe the molecular mechanisms of genetic inheritance and genetic basis of inherited disease</li><li>• Acquire skills necessary to perform experimental applications</li></ul>	
<b>ASSESSMENT SYSTEM</b> <b>Module examination:</b> Written exam at the end of module (10 % of final score) <b>Practical examination:</b> Practical exams at the end of course <b>Course examination:</b> Written exam at the end of course	<b>PROGRAM EVALUATION</b> Evaluation at the end of the course, is done both orally and by using structured evaluation forms
<b>DEPARTMENTS PARTICIPATING IN COURSE-1 &amp; MODULE-1</b>	
<ul style="list-style-type: none"><li>• Biochemistry</li><li>• Biophysics</li><li>• Biostatistics</li><li>• Chemistry</li><li>• Histology &amp; Embryology</li></ul>	<ul style="list-style-type: none"><li>• Medical Biology</li><li>• Medical Genetics</li><li>• Medical History and Ethics</li><li>• Pediatrics</li></ul>
<b>LECTURERS / TUTORS</b>	
Adil Şeytanoğlu, Assist. Prof., Molecular Biology and Genetics Ayse Mine Yılmaz, Inst., Medical Biochemistry 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 Ergül Mutlu Altundağ, Assoc., Prof., Medical Biochemistry Fatih Eren, Prof., Medical Biology Feriha Ercan, Prof., Histology and Emrbyology Huriye İcil, Prof., Chemistry 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 Assist. Professor of Atatürk's Principles and History of Modern Turkey Inst., Turkish Language
<b>READING / STUDYING MATERIALS</b>	
<ul style="list-style-type: none"><li>• Basic Histology, Junqueira, Corneiro, 8th Ed., Lange</li><li>• Başlangıcından Rönesansa Kadar Tıp Tarihi, Emine Atabek, Şefik Görkey</li></ul>	

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

- 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.

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

<b>SUMMARY OF THE COURSE 1.1</b>			
<b>Discipline</b>	<b>Lecture &amp; Group Discussion</b>	<b>Multidisciplinary Lab. &amp; Clinical Skills Lab. Practice</b>	<b>Total</b>
Biochemistry	25	8	33
Biophysics	5		5
Biostatistics	6		6
Chemistry	20		20
Histology and Embryology	7	4	11
Medical Biology	31		31
Medical Genetics	1		1
Medical History and Ethics	11		11
<b>Subtotal</b>	<b>106</b>	<b>12</b>	<b>118</b>
<b>PBL Module</b>	11		11
<b>ICS-1: Introduction to Student Research and Computer Skills</b>			
<b>ICS-1: First aid</b>			
<b>ENGL131 - Medical English</b>	12		12
<b>HIST180 - Atatürk's Principles and the History of Turkish Renovation (for Turkish students)</b>	10		10
<b>TFMS101 – Turkish for Medical Students-I (Foreign Students)</b>	24		24
<b>Elective Courses</b> MDCN181, MDCN182, MDCN125	10		10
<b>TOTAL</b>	<b>173</b>	<b>12</b>	<b>185</b>

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR	LECTURE PLATFORM
<b>1<sup>st</sup> Week (30 September – 04 October 2024)</b>			
<b>Monday</b>	<b>30 September</b>		
<b>08:40-09:30</b>	STUDY TIME		
<b>09:40-10:30</b>	STUDY TIME		
<b>10:40-11:30</b>	STUDY TIME		
<b>11:40-12:30</b>	STUDY TIME		
<b>13:40-14:30</b>	Introduction to the course	Dr. Ergül Mutlu Altundağ	IN CLASS
<b>14:40-15:30</b>	ICS-1: Intro to ICS	Dr. Saliha Serap Çifçili	IN CLASS
<b>15:40-16:30</b>	ICS-1: Program of ICS-1	Dr. Saliha Serap Çifçili	IN CLASS
<b>16:40-17:30</b>	STUDY TIME		
<b>Tuesday</b>	<b>01 October</b>		
<b>08:40-09:30</b>	STUDY TIME		
<b>09:40-10:30</b>	Origin of life	Dr. Adil Şeytanoğlu	IN CLASS
<b>10:40-11:30</b>	Molecular recognition process	Dr. Adil Şeytanoğlu	IN CLASS
<b>11:40-12:30</b>	Nucleic acids	Dr. Adil Şeytanoğlu	IN CLASS
<b>13:40-14:30</b>	STUDY TIME		
<b>14:40-15:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>15:40-16:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>16:40-17:30</b>	STUDY TIME		
<b>Wednesday</b>	<b>02 October</b>		
<b>08:40-09:30</b>	STUDY TIME		
<b>09:40-10:30</b>	STUDY TIME		
<b>10:40-11:30</b>	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS
<b>11:40-12:30</b>	Cellular organisation of life	Dr. Adil Şeytanoğlu	IN CLASS

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

<b>13:40-14:30</b>	Nucleus and nuclear genome	Dr. Adil Şeytanoğlu	IN CLASS
<b>14:40-15:30</b>	Nucleus and nuclear genome	Dr. Adil Şeytanoğlu	IN CLASS
<b>15:40-16:30</b>	STUDY TIME		
<b>16:40-17:30</b>	STUDY TIME		
<b>Thursday</b>	<b>03 October</b>		
<b>08:40-09:30</b>	STUDY TIME		
<b>09:40-10:30</b>	Genes and heredity	Dr. Adil Şeytanoğlu	IN CLASS
<b>10:40-11:30</b>	Cell division kinetics	Dr. Adil Şeytanoğlu	IN CLASS
<b>11:40-12:30</b>	Cell cycle	Dr. Adil Şeytanoğlu	IN CLASS
<b>13:40-14:30</b>	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
<b>14:40-15:30</b>	Biomolecules and water	Dr. Önder Şirikçi	IN CLASS
<b>15:40-16:30</b>	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
<b>16:40-17:30</b>	Solubility, pH and buffers	Dr. Önder Şirikçi	IN CLASS
<b>Friday</b>	<b>04 October</b>		
<b>08:40-09:30</b>	Amino acids	Dr. Önder Şirikçi	IN CLASS
<b>09:40-10:30</b>	Amino acids	Dr. Önder Şirikçi	IN CLASS
<b>10:40-11:30</b>	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
<b>11:40-12:30</b>	Structure of carbohydrates	Dr. Önder Şirikçi	IN CLASS
<b>13:40-14:30</b>	Mitosis	Dr. Adil Şeytanoğlu	IN CLASS
<b>14:40-15:30</b>	Meiosis	Dr. Adil Şeytanoğlu	IN CLASS
<b>15:40-16:30</b>	STUDY TIME		
<b>16:40-17:30</b>	STUDY TIME		
<b>2<sup>nd</sup> Week (07 October – 11 October 2024)</b>			
<b>Monday</b>	<b>07 October</b>		
<b>08:40-09:30</b>	Turkish for Medical Students-I ( <b>Foreign Students</b> )		IN CLASS

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	Medical English ( <b>Gr 1 &amp; Gr 2</b> )	Inst. Aslı Gönenç	IN CLASS
14:40-15:30		Inst. Ayşe Kozansoy	
15:40-16:30	STUDY TIME		
16:40-17:30	STUDY TIME		
<b>Tuesday</b>	<b>08 October</b>		
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		
14:40-15:30	Atatürk's Principles and History of Modern Turkey		
15:40-16:30	Atatürk's Principles and History of Modern Turkey		
16:40-17:30	Introduction to organic chemistry	Dr. Huriye İcil	IN CLASS
17:40-18:30	Chemical bonds	Dr. Huriye İcil	IN CLASS
<b>Wednesday</b>	<b>09 October</b>		
08:40-09:30	STUDY TIME		
09:40-10:30	<b>ICS-1 Research:</b> Introduction to ICS-Research	Dr. İlke Akçay	IN CLASS
10:40-11:30	<b>ICS-1 Research:</b> Philosophy of Research and Scientific Approach	Dr. İlke Akçay	IN CLASS
11:40-12:30	<b>ICS-1 Research:</b> 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	Dr. Huriye İcil	IN CLASS



Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

	periodic table		
<b>16:40-17:30</b>	Chemical compounds: ionic and covalent	Dr. Huriye İcil	IN CLASS
<b>Thursday</b>			
<b>08:40-09:30</b>	STUDY TIME		
<b>09:40-10:30</b>	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
<b>10:40-11:30</b>	Structure of lipids	Dr. Goncagül Haklar	MS TEAMS
<b>11:40-12:30</b>	Histotechniques	Dr. Serap Şirvancı	MS TEAMS
<b>13:40-14:30</b>	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
<b>14:40-15:30</b>	Protein structure and function-1	Dr. Betül Yılmaz	IN CLASS
<b>15:40-16:30</b>	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
<b>16:40-17:30</b>	Protein structure and function-2	Dr. Betül Yılmaz	IN CLASS
<b>17:40-18:30</b>	Enzymes: Introduction	Dr. Betül Yılmaz	IN CLASS
<b>Friday</b>	<b>11 October</b>		
<b>08:40-09:30</b>	Enzymes: Introduction	Dr. Betül Yılmaz	IN CLASS
<b>09:40-10:30</b>	Enzymes: Regulation	Dr. Betül Yılmaz	IN CLASS
<b>10:40-11:30</b>	Enzymes: Regulation	Dr. Betül Yılmaz	IN CLASS
<b>11:40-12:30</b>	Enzymes: Mechanism of action	Dr. Betül Yılmaz	IN CLASS
<b>13:40-14:30</b>	Enzymes: Mechanism of action	Dr. Betül Yılmaz	IN CLASS
<b>14:40-15:30</b>	Introduction to human genetics	Dr. Adil Şeytanoğlu	IN CLASS
<b>15:40-16:30</b>	Genetic variation in populations	Dr. Adil Şeytanoğlu	IN CLASS
<b>16:40-17:30</b>	STUDY TIME		
<b>3<sup>rd</sup> Week (14 October – 18 October 2024)</b>			
<b>Monday</b>	<b>14 October</b>		
<b>08:40-09:30</b>	Turkish for Medical Students-I ( <b>Foreign Students</b> )		IN CLASS
<b>09:40-10:30</b>			
<b>10:40-11:30</b>			

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

<b>11:40-12:30</b>			
<b>13:40-14:30</b>	Medical English ( <b>Gr 1 &amp; Gr 2</b> )	Inst. Aslı Gönenc Inst. Ayşe Kozansoy	IN CLASS
<b>14:40-15:30</b>			
<b>15:40-16:30</b>	STUDY TIME		
<b>16:40-17:30</b>	STUDY TIME		
<b>Tuesday</b>	<b>15 October</b>		
<b>08:40-09:30</b>	Introduction to biophysics	Dr. Pınar Mega Tiber	IN CLASS
<b>09:40-10:30</b>	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
<b>10:40-11:30</b>	Fundamentals of biomechanics	Dr. Pınar Mega Tiber	IN CLASS
<b>11:40-12:30</b>	Energy, heat, work and power of the body	Dr. Pınar Mega Tiber	IN CLASS
<b>13:40-14:30</b>	STUDY TIME		
<b>14:40-15:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>15:40-16:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>16:40-17:30</b>	STUDY TIME		
<b>Wednesday</b>	<b>16 October</b>		
<b>08:40-09:30</b>	<b>Y3C1 COMMITTEE EXAM</b>		
<b>09:40-10:30</b>			
<b>10:40-11:30</b>			
<b>11:40-12:30</b>			
<b>13:40-14:30</b>	Microscope	Dr. Masoud Afshani	IN CLASS
<b>14:40-15:30</b>	Microscope	Dr. Masoud Afshani	IN CLASS
<b>15:40-16:30</b>	Cellular organel and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
<b>16:40-17:30</b>	Cellular organel and inclusions at LM and EM level	Dr. Masoud Afshani	IN CLASS
<b>Thursday</b>	<b>17 October</b>		

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

08:40-09:30	<b>Y2C1 COMMITTEE EXAM</b>		
09:40-10:30			
10:40-11:30			
11:40-12:30			
13:40-14:30	<b>Histology LAB: Cell types - Group A</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
14:40-15:30	<b>Histology LAB: Cell types - Group A</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
15:40-16:30	<b>Histology LAB: Cell types - Group B</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
16:40-17:30	<b>Histology LAB: Cell types - Group B</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
<b>Friday</b>	<b>18 October</b>		
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
11:40-12:30	Nucleus and cell division	Dr. Feriha Ercan	MS TEAMS
13:40-14:30	First aid		
14:40-15:30	First aid		
15:40-16:30	First aid		
16:40-17:30	First aid		
<b>4<sup>th</sup> Week (21 October – 25 October 2024)</b>			
<b>Monday</b>	<b>21 October</b>		
08:40-09:30	<b>Turkish for Medical Students-I (Foreign Students)</b>		IN CLASS
09:40-10:30			
10:40-11:30			
11:40-12:30			

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

<b>13:40-14:30</b>	Medical English ( <b>Gr 1 &amp; Gr 2</b> )	Inst. Aslı Gönenç	IN CLASS
<b>14:40-15:30</b>		Inst. Ayşe Kozansoy	
<b>15:40-16:30</b>			
<b>16:40-17:30</b>			
<b>Tuesday</b>	<b>22 October</b>		
<b>08:40-09:30</b>	Factors affecting single-gene inheritance patterns	Dr. Adil Şeytanoğlu	IN CLASS
<b>09:40-10:30</b>	Viruses, plasmids, transposable genetic elements	Dr. Adil Şeytanoğlu	IN CLASS
<b>10:40-11:30</b>	What is statistics and biostatistics?	Dr. İlke Akçay	IN CLASS
<b>11:40-12:30</b>	Statistics in medical research	Dr. İlke Akçay	IN CLASS
<b>13:40-14:30</b>	STUDY TIME		
<b>14:40-15:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>15:40-16:30</b>	Atatürk's Principles and History of Modern Turkey		
<b>16:40-17:30</b>	Acids and bases	Dr. Huriye İcil	IN CLASS
<b>17:40-18:30</b>	Acids and bases	Dr. Huriye İcil	IN CLASS
<b>Wednesday</b>	<b>23 October</b>		
<b>08:40-09:30</b>	Histology LAB: Cell division - <b>Group A</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
<b>09:40-10:30</b>	Histology LAB: Cell division - <b>Group A</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
<b>10:40-11:30</b>	Histology LAB: Cell division - <b>Group B</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
<b>11:40-12:30</b>	Histology LAB: Cell division - <b>Group B</b>	Dr. Masoud Afshani	Multidisciplinary Lab.
<b>13:40-14:30</b>	<b>ICS-1 Research:</b> Literature Review	Dr. İlke Akçay	IN CLASS
<b>14:40-15:30</b>	<b>ICS-1 Research:</b> Literature Review	Dr. İlke Akçay	IN CLASS
<b>15:40-16:30</b>	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS
<b>16:40-17:30</b>	Chemical kinetics and reaction mechanism	Dr. Huriye İcil	IN CLASS

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

<b>Thursday</b>	<b>24 October</b>		
<b>08:40-09:30</b>	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
<b>09:40-10:30</b>	Thermochemistry (chemical energetics)	Dr. Huriye İcil	IN CLASS
<b>10:40-11:30</b>	Designing research	Dr. İlke Akçay	IN CLASS
<b>11:40-12:30</b>	Types of data	Dr. İlke Akçay	IN CLASS
<b>13:40-14:30</b>	Mutations and polymorphisms	Dr. Adil Şeytanoğlu	IN CLASS
<b>14:40-15:30</b>	DNA Repair	Dr. Adil Şeytanoğlu	IN CLASS
<b>15:40-16:30</b>	Information content of DNA	Dr. Cevdet Nacar	MS TEAMS
<b>16:40-17:30</b>	Recombination	Dr. Can Erzik	MS TEAMS
<b>Friday</b>	<b>25 October</b>		
<b>08:40-09:30</b>	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS
<b>09:40-10:30</b>	Solubility and complex ion equilibrium	Dr. Huriye İcil	IN CLASS
<b>10:40-11:30</b>	Chromosome structure, function and anomalies	Dr. Adil Şeytanoğlu	IN CLASS
<b>11:40-12:30</b>	Multifactorial inheritance	Dr. Adil Şeytanoğlu	IN CLASS
<b>13:40-14:30</b>	First aid		
<b>14:40-15:30</b>	First aid		
<b>15:40-16:30</b>	First aid		
<b>16:40-17:30</b>	First aid		

		<b>5<sup>th</sup> Week (28 October – 01 November 2024)</b>		
<b>Cyprus Local Time</b>	<b>Turkey Local Time</b>			
<b>Monday</b>		<b>28 October</b>		
<b>08:40-09:30</b>	<b>09:40-10:30</b>	<b>Turkish for Medical Students-I (Foreign Students)</b>		IN CLASS
<b>09:40-10:30</b>	<b>10:40-11:30</b>			
<b>10:40-11:30</b>	<b>11:40-12:30</b>			
<b>11:40-12:30</b>	<b>12:40-13:30</b>			

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

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	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Tuesday</b>		<b>29 October</b>		
08:40-09:30	09:40-10:30	<b>Turkish Republic Republic Day</b>		
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			
<b>Wednesday</b>		<b>30 October</b>		
08:40-09:30	09:40-10:30	First Aid		
09:40-10:30	10:40-11:30	First Aid		
10:40-11:30	11:40-12:30	First Aid		
11:40-12:30	12:40-13:30	First Aid		
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	PBL-1		
16:40-17:30	17:40-18:30	PBL-1		
<b>Thursday</b>		<b>31 October</b>		
08:40-09:30	09:40-10:30	Biochemistry LAB: Spectrophotometer - Group	Dr. Ergül Mutlu	Multidisciplin

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

		<b>A</b>	Altundağ	ary Lab.
09:40-10:30	10:40-11:30	<b>Biochemistry LAB: Spectrophotometer - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	<b>Biochemistry LAB: Spectrophotometer - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	<b>Biochemistry LAB: Spectrophotometer - Group A</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
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		
<b>Friday</b>		<b>01 November</b>		
08:40-09:30	09:40-10:30	<b>Biochemistry LAB: Spectrophotometer - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	<b>Biochemistry LAB: Spectrophotometer - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	<b>Biochemistry LAB: Spectrophotometer - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	<b>Biochemistry LAB: Spectrophotometer - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
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-2		
16:40-17:30	17:40-18:30	PBL-2		
<b>6<sup>th</sup> Week (04 November – 08 November 2024)</b>				
<b>Cyprus Local Time</b>	<b>Turkey Local Time</b>			
<b>Monday</b>		<b>04 November</b>		
08:40-09:30	09:40-10:30			

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

09:40-10:30	10:40-11:30	Turkish for Medical Students-I ( <b>Foreign Students</b> )		IN CLASS
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 ( <b>Gr 1 &amp; Gr 2</b> )	Inst. Aslı Gönenç Inst. Ayşe Kozansoy	IN CLASS
14:40-15:30	15:40-16:30			
15:40-16:30	16:40-17:30	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Tuesday</b>		<b>05 November</b>		
08:40-09:30	09:40-10:30	First Aid		
09:40-10:30	10:40-11:30	First Aid		
10:40-11:30	11:40-12:30	First Aid		
11:40-12:30	12:40-13:30	First Aid		
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	Atatürk's Principles and History of Modern Turkey		
15:40-16:30	16:40-17:30	Atatürk's Principles and History of Modern Turkey		
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
<b>Wednesday</b>		<b>06 November</b>		
08:40-09:30	09:40-10:30	First Aid		
09:40-10:30	10:40-11:30	First Aid		
10:40-11:30	11:40-12:30	First Aid		
11:40-12:30	12:40-13:30	First Aid		
13:40-14:30	14:40-15:30	<b>ICS-1 Research:</b> Announcement of Research Groups and mentors	Dr. İlke Akçay	IN CLASS
14:40-15:30	15:40-16:30	<b>ICS-1 Research:</b> Group Warm-up activities	Dr. İlke Akçay	IN CLASS



Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

15:40-16:30	16:40-17:30	ICS-1 Research: Group Warm-up activities	Dr. İlke Akçay	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Thursday</b>		<b>07 November</b>		
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	<b>Biochemistry LAB: Urease - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
14:40-15:30	15:40-16:30	<b>Biochemistry LAB: Urease - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
15:40-16:30	16:40-17:30	<b>Biochemistry LAB: Urease - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
16:40-17:30	17:40-18:30	<b>Biochemistry LAB: Urease - Group A</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
<b>Friday</b>		<b>08 November</b>		
08:40-09:30	09:40-10:30	<b>Biochemistry LAB: Urease - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
09:40-10:30	10:40-11:30	<b>Biochemistry LAB: Urease - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
10:40-11:30	11:40-12:30	<b>Biochemistry LAB: Urease - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
11:40-12:30	12:40-13:30	<b>Biochemistry LAB: Urease - Group B</b>	Dr. Ergül Mutlu Altundağ	Multidisciplinary Lab.
13:40-14:30	14:40-15:30	<b>PBL-3</b>		
14:40-15:30	15:40-16:30	<b>PBL-3</b>		
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

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

		7th Week (11 November – 15 November 2024)		
Cyprus Local Time	Turkey Local Time			
<b>Monday</b>		<b>11 November</b>		
08:40-09:30	09:40-10:30	Turkish for Medical Students-I (Foreign Students)		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	STUDY TIME		
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Tuesday</b>		<b>12 November</b>		
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	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
11:40-12:30	12:40-13:30	Molecular transmission of genetic information	Dr. Ergül Mutlu Altundağ	IN CLASS
13:40-14:30	14:40-15:30	STUDY TIME		
14:40-15:30	15:40-16:30	Atatürk's Principles and History of Modern Turkey		
15:40-16:30	16:40-17:30	Atatürk's Principles and History of Modern Turkey		
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Wednesday</b>		<b>13 November</b>		
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

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

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	PBL-4		
16:40-17:30	17:40-18:30	PBL-4		
<b>Thursday</b>		<b>14 November</b>		
08:40-09:30	09:40-10:30	STUDY TIME		
09:40-10:30	10:40-11:30	History of Physiology	Dr. Gürkan Sert	IN CLASS
10:40-11:30	11:40-12:30	History of Anatomy	Dr. Gürkan Sert	IN CLASS
11:40-12:30	12:40-13:30	History of surgery	Dr. Gürkan Sert	IN CLASS
13:40-14:30	14:40-15:30	Evolution of the concept of infection	Dr. Gürkan Sert	IN CLASS
14:40-15:30	15:40-16:30	History of human experimentation	Dr. Gürkan Sert	IN CLASS
15:40-16:30	16:40-17:30	History of medical professionalism	Dr. Gürkan Sert	IN CLASS
16:40-17:30	17:40-18:30	STUDY TIME		
<b>Friday</b>		<b>15 November</b>		
08:40-09:3	09:40-10:30	<b>THE REPUBLIC DAY OF TRNC</b>		
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			

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

		8 <sup>th</sup> Week (18 November – 22 November 2024)		
Cyprus Local Time	Turkey Local Time			
<b>Monday</b>		<b>18 November</b>		
08:40-09:30	09:40-10:30	<b>PRACTICAL EXAM</b>		
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		
14:40-15:30	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		
<b>Tuesday</b>		<b>19 November</b>		
08:40-09:30	09:40-10:30	<b>PRACTICAL EXAM</b>		
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		
14:40-15:30	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		
<b>Wednesday</b>		<b>20 November</b>		
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		

Last updated on 11 September, 2024

*"Course programs may change during committee by International Joint Medicine Program administration if deemed necessary."*

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		
<b>Thursday</b>		<b>21 November</b>		
08:40-09:30	09:40-10:30	<b>Y1C1 COMMITTEE EXAM</b>		
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			
<b>Friday</b>		<b>24 November</b>		
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		