



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



**CELL AND TISSUE INJURY - II
YEAR 2 COURSE 2
October 21st, 2019- December 13th, 2019**

Year 2 Coordinators

Assoc. Prof., Özgür Kasımay ÇAKIR & Assist. Prof., Burak AKSU & Assist. Prof. Masoud AFSHANI

Module Coordinators

Assoc. Prof., Özlem SARIKAYA & Inst., Berfu Çerçi ÖNGÜN

**Introduction to Clinician Skills (ICS)
Coordinators**

Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN

Coordinators of Clinical Skill Lab.

Prof., Pemra ÜNALAN & Assist. Prof. Dr. Bülent SEZGIN

Coordinators of ICS Res. Lab.

Prof., Sibel SAKARYA & Assist. Prof., İlke Akçay

Coordinators of Multidisciplinary Students' Lab.

Assoc. Prof., Betül YILMAZ & Assist. Prof., Mümtaz GÜRAN

Coordinators of Assessment Unite

Asist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI

Vice-Chief Coordinators

Assessment

Asist. Prof., Cevdet NACAR & Assist. Prof., H. Eren SAKALLI

Students' Affairs

Asist. Prof., Can ERZİK & Assist. Prof., İlke AKÇAY & Assist. Prof., Mümtaz GÜRAN

Chief Coordinators

Assoc. Prof., Hasan YANANLI & Assist. Prof., Mümtaz GÜRAN

**Coordinator of Medical Education Program
Evaluation and Development Commission**

Prof., Berrak Ç. YEĞEN

Educational Consultant

Assoc. Prof., Mehmet Ali GÜLPINAR

Acting Dean (EMU)

Assoc. Prof., Emre HAMURTEKİN

Dean (MU)

Prof., Hakan GÜNDÜZ

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 health care
 - 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 Health and Related Disorders

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

CELL AND TISSUE INJURY - II

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this course, second year students will be able to broaden their basic science knowledge to understand how certain alterations in bodily processes may manifest as disease and gain fundamental knowledge about the processes underlying human diseases, as the scientific foundation for developing clinical skills.

Learning Objectives: At the end of this course, second year students will,

1. describe using proper nomenclature, the etiology, pathogenesis, structural and functional changes at cellular and tissue level;
2. describe in detail what happens to cells and tissues in response to abnormal stimuli;
3. explain the basic principles of human immune system as it relates to defense against disease (innate, humoral, cell mediated);
4. describe the principles of classifying infectious microorganisms and their pathogenic properties;
5. gain knowledge about bacteria and bacterial pathogenesis;
6. gain knowledge about fungi and pathogenesis of fungal diseases;
7. identify major drug classes and prototype drug(s) for each class.

ASSESSMENT SYSTEM

Module examination: Written exam at the end of the course and performance during the module

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-2.1

- Biochemistry
- Microbiology
- Family Medicine
- Immunology

- Pathology
- Pharmacology
- Public Health

LECTURERS / TUTORS

Ahmet TOPUZOĞLU, Professor of Public Health
Ayşegül KARAHASAN, Professor of Microbiology
Cemal GURKAN, Inst., Forensic Sciences
Deniz FİLİNTE, Assoc. Prof. Of Pathology
Duygu GENÇALP, Instructor of Biochemistry
Eren Sakallı, Assist. Professor of Pharmacology
Filiz ONAT, Professor of Pharmacology
Güner SÖYLELİR, Professor of Microbiology
Handan KAYA, Professor of Pathology
Hande TUGCAN, Inst., Indian Dance
İlke AKCAY, Assist. Prof. of Biostatistics
Kemal TÜRKÖZ, Assoc. Professor of Pathology
Masoud AFSHANI, Assist. Professor of Histology & Embryology
Mehmet AKMAN, Professor of Family Medicine
Mümtaz GÜRAN, Assist. Professor of Microbiology

Nilgün ÇERİKÇİOĞLU, Professor of Microbiology
Nilüfer GÜZOĞLU, Assoc. Prof. of Neonatology
Nurtane KARAGİL, Inst., Arts and Crafts
Nurver ÜLGER, Professor of Microbiology
Önder ŞİRİKÇİ, Professor of Biochemistry
Özge Cumaogullari EKER, Instructor of Molecular Biology and Genetics
Pelın BAĞCI, Professor of Medical Pathology
Şerife Ç. SÖKMEZ, Inst., Turkish Language
Şirin Funda EREN, Professor of Medical Pathology
Tunç AKKOÇ, Professor of Child Health and Disease
Ufuk HASDEMİR, Professor of Microbiology
Yasemin KURTOĞLU, Inst., Aerial Fitness
Zafer GÖREN, Professor of Pharmacology
Zeynep Arzu İlki, Professor of Microbiology

READING / STUDYING MATERIALS

- Basics and Clinical Pharmacology (Bertram G. Katzung)
- Clinical Pharmacology (Laurence DR, Bennet PN)
- Pharmacological Basis of Therapeutics (Goddman & Gilman's)
- Radiation protection, Ch.5 (Mary Alice Statkiewicz)
- Radiobiology for the radiologist (Eric J. Hall)
- Physics of Life Sciences (Alan H. Cromer)
- Clinical Biophysics (Anbar).
- Radiologic Science for Technologist (S. C. Bushong)
- Textbook of Physiology (Guyton AC)
- Basic Pathology (Stanley L. Robbins, Marcia Angel, Vinay Kumar)
- Histology and Cell Biology: An Introduction to Pathology (Abraham L. Kierszenbaum)
- Review Medical Microbiology (Ernest Jawetz et al.)
- Medical Microbiology (CedricMims et al.)
- Review of Medical Microbiology (Patrie R. Murray, Ken S. Rosenthal)
- Cellular and Molecular Immunology 5th Edition (Abbas, Lichtman)
- Kuby Immunology 4th Edition (Goldsby, Kindt, Osborne)
- Immunobiology 6th Edition (Janeway, Travers, Walport, Schlomchik)
- Immunology, Infection and Immunity (Pier, Lyczak, Wetzler)

SUMMARY OF THE COURSE

Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Biochemistry	2		2
Immunology	8		8
Family Medicine	1		1
Microbiology	32	28	60
Pathology	18	4	22
Pharmacology	10		10
Public Health	10	2	12
Subtotal	81	34	115
ICS-2: Student Research Activity (SRA)	24		24
ICS-2: History Taking and Introduction to Physical examination	0		0
Elective Course-II	14		14
TFMS 201- Turkish For Medical Students-III	26		26
TFMS 201- Turkish For Medical Students-III (Interactive session for Foreign Students)	14		14
PBL MODULE	8		8
TOTAL	167	34	201

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER(S)/TUTOR(S)
Week 1 (21 October- 25 October 2019)		
Monday	21 October	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	Introduction to the course and opening lecture	Dr. Masoud Afshani
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
16:40-17:30	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	22 October	
08:40-09:30	ICS-2 Research: Review of RPW	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-2 Research: Article literacy	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2 Research: Article literacy	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2 Research: Article literacy	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Chain of infection: Case studies: Measles, Malaria, Tetanus	Dr. Ahmet Topuzoğlu
14:40-15:30	Chain of infection: Case studies: Tbc, Brucellosis, Hepatitis	Dr. Ahmet Topuzoğlu
15:40-16:30	Investigation of an epidemic	Dr. Ahmet Topuzoğlu
16:40-17:30	Investigation of an epidemic	Dr. Ahmet Topuzoğlu
Wednesday	23 October	
08:40-09:30	Staphylococci and their pathogenic properties	Dr. Ufuk Hasdemir
09:40-10:30	Antimicrobial actions and resistance mechanisms to antimicrobials in bacteria	Dr. Ufuk Hasdemir
10:40-11:30	Principles of antimicrobial susceptibility testing	Dr. Ufuk Hasdemir
11:40-12:30	Microbiology LAB: Antimicrobial susceptibility testing	Dr. Ufuk Hasdemir, Dr. Mumtaz Güran
13:40-14:30	Microbiology LAB: Antimicrobial susceptibility testing	Dr. Ufuk Hasdemir, Dr. Mumtaz Güran
14:40-15:30	Microbiology LAB: Antimicrobial susceptibility testing	Dr. Ufuk Hasdemir, Dr. Mumtaz Güran
15:40-16:30	Definitions used in the chain of infection	Dr. Ahmet Topuzoğlu
16:40-17:30	Active and passive immunization	Dr. Ahmet Topuzoğlu
Thursday	24 October	
08:40-09:30	Investigation and management of outbreaks: Case examples	Dr. Ahmet Topuzoğlu
09:40-10:30	Investigation and management of outbreaks: Case examples	Dr. Ahmet Topuzoğlu
10:40-11:30	Infection prevention at health care facilities and waste disposal	Dr. Ahmet Topuzoğlu

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11:40-12:30	Infection prevention at health care facilities and waste disposal	Dr. Ahmet Topuzođlu
13:40-14:30	Public Health LAB: Infection Prevention: Field Study-Group A	Dr. Ahmet Topuzođlu
14:40-15:30	Public Health LAB: Infection Prevention: Field Study-Group A	Dr. Ahmet Topuzođlu
15:40-16:30	Public Health LAB: Infection Prevention: Field Study-Group B	Dr. Ahmet Topuzođlu
16:40-17:30	Public Health LAB: Infection Prevention: Field Study-Group B	Dr. Ahmet Topuzođlu
Friday	25 October	
08:40-09:30	STUDY TIME	
09:40-10:30	Streptococci, Enterococci and their pathogenic properties	Dr. Güner Söyledir
10:40-11:30	Streptococci, Enterococci and their pathogenic properties	Dr. Güner Söyledir
11:40-12:30	Pathogenetic mechanism of poststreptococcal diseases	Dr. Güner Söyledir
13:40-14:30	Mechanisms of neoplasia and tumor markers	Dr. Önder Şirikçi
14:40-15:30	Mechanisms of neoplasia and tumor markers	Dr. Önder Şirikçi
15:40-16:30	Vaccines and antisera	Dr. Güner Söyledir
16:40-17:30	Vaccines and antisera	Dr. Güner Söyledir
Week 2 (28 October - 01 November 2019)		
Monday	28 October	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
16:40-17:30	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtođlu
Tuesday	29 October	
08:40-09:30	TURKISH REPUBLIC DAY	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	30 October	
08:40-09:30	STUDY TIME	
09:40-10:30	ICS-2: Research Proposal Workshop Exam	
10:40-11:30	ICS-2: Research Proposal Workshop Exam	
11:40-12:30	ICS-2: Research Proposal Workshop Exam	

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13:40-14:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	31 October	
08:40-09:30	STUDY TIME	
09:40-10:30	Tissue responses to infections	Dr. Pelin Bağcı
10:40-11:30	Environmental pathology	Dr. Pelin Bağcı
11:40-12:30	Environmental pathology	Dr. Pelin Bağcı
13:40-14:30	Pharmacotherapy in bacterial infections: Sulphonamides and other antibacterial drugs	Dr. Zafer Gören
14:40-15:30	Pharmacotherapy in bacterial infections: Aminoglycosides and quinolones	Dr. Zafer Gören
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	01 November	
08:40-09:30	Pharmacotherapy in bacterial infections: penicillines	Dr. Filiz Onat
09:40-10:30	Pharmacotherapy in bacterial infections: penicillines	Dr. Filiz Onat
10:40-11:30	Pharmacotherapy in bacterial infections: Cephalosporins	Dr. Filiz Onat
11:40-12:30	Pharmacotherapy in bacterial infections: Cephalosporins	Dr. Filiz Onat
13:40-14:30	Neoplasia: Definition and biology of tumor	Dr. Şirin Funda Eren
14:40-15:30	Neoplasia: Definition and biology of tumor	Dr. Şirin Funda Eren
15:40-16:30	Neoplasia: Nomenclature	Dr. Şirin Funda Eren
16:40-17:30	Neoplasia: Nomenclature	Dr. Şirin Funda Eren
Week 3 (04-8 November 2019)		
Monday	04 November	
08:40-09:30	STUDY TIME	
09:40-10:30	EXAMINATION: Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30		Inst. Şerife Ç. Sokmez
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
16:40-17:30	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	05 November	
08:40-09:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker

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09:40-10:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
14:40-15:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
15:40-16:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
16:40-17:30	STUDY TIME	
Wednesday	06 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
10:40-11:30	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
11:40-12:30	Neoplasia: Tumor immunity and clinical features of tumor	Dr. Handan Kaya
13:40-14:30	Serological tests in clinical microbiology	Dr. Ayşegül Karahasan
14:40-15:30	Serological tests in clinical microbiology	Dr. Ayşegül Karahasan
15:40-16:30	Chlamydia, Mycoplasma and their pathogenic properties	Dr. Ayşegül Karahasan
16:40-17:30	STUDY TIME	
Thursday	07 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Spirochetes and their pathogenic properties	Dr. Ayşegül Karahasan
10:40-11:30	Rickettsia, Ehrlichia and their pathogenic properties	Dr. Ayşegül Karahasan
11:40-12:30	Microorganisms and carcinogenesis	Dr. Ayşegül Karahasan
13:40-14:30	Inflammation, immune regulation	Dr. Tunç Akkoç
14:40-15:30	Immunity to cancers	Dr. Tunç Akkoç
15:40-16:30	PBL MODULE-1	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
16:40-17:30	PBL MODULE-1	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
Friday	08 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç
11:40-12:30	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç
13:40-14:30	Microbiology LAB: Serological tests	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Serological tests	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran

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15:40-16:30	Microbiology LAB: Serological tests	Dr. Ayşegül Karahasano, Dr. Mümtaz Gürano
16:40-17:30	STUDY TIME	
Week 4 (11-15 November 2019)		
Monday	11 November	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	12 November	
08:40-09:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogullari Eker
09:40-10:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogullari Eker
10:40-11:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogullari Eker
11:40-12:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogullari Eker
13:40-14:30	Neisseria, Moraxella and their pathogenic properties	Dr. Zeynep Arzu İlki
14:40-15:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-I	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano
15:40-16:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-I	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano
16:40-17:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-I	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano
Wednesday	13 November	
08:40-09:30	Pharmacotherapy in bacterial infections: Macrolides	Dr. Eren Sakallı
09:40-10:30	Pharmacotherapy in bacterial infections: Broad spectrum antibiotics	Dr. Eren Sakallı
10:40-11:30	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Zeynep Arzu İlki
11:40-12:30	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Zeynep Arzu İlki
13:40-14:30	Gram negative small nonenteric bacilli (Haemophilus, Brucella, Bordetella) and their pathogenic properties	Dr. Zeynep Arzu İlki
14:40-15:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-II	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano
15:40-16:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-II	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano
16:40-17:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-II	Dr. Zeynep Arzu İlki, Dr. Mümtaz Gürano

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Thursday	14 November	
08:40-09:30	Gram negative curved bacilli (Vibrio, Campylobacter, Helicobacter) and their pathogenic properties	Dr. Zeynep Arzu İlki
09:40-10:30	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Zeynep Arzu İlki, Dr. Mümtaz Güran
10:40-11:30	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Zeynep Arzu İlki, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Zeynep Arzu İlki, Dr. Mümtaz Güran
13:40-14:30	Collection and transport of specimen to laboratory	Dr. Zeynep Arzu İlki
14:40-15:30	General approach to the laboratory diagnosis of infectious diseases	Dr. Zeynep Arzu İlki
15:40-16:30	PBL MODULE-2	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
16:40-17:30	PBL MODULE-2	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
Friday	15 November	
08:40-09:30	TRNC REPUBLIC DAY	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Week 5 (18-22 November 2018)		
Monday	18 November	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensity Interval Training	Inst. Hande Tuğcan Inst. Yasemin Kurtuluş
Tuesday	19 November	
08:40-09:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker

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09:40-10:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
15:40-16-30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
16:40-17:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
Wednesday	20 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
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	21 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	General principles of anticancer therapy	Dr. Eren Sakallı
11:40-12:30	Pharmacotherapy in fungal infections	Dr. Eren Sakallı
13:40-14:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
15:40-16-30	PBL MODULE-3	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
16:40-17:30	PBL MODULE-3	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
Friday	22 November	
8:40-9:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
9:40-10:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
10:40-11:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
11:40-12:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
13:40-14:30	Pathology LAB: Anatomical/ Structural Abnormalities of Organs/Tissues and Mass Lesions-Group A	Dr. Deniz Filinte
14:40-15:30	Pathology LAB: Anatomical/ Structural Abnormalities of Organs/Tissues and Mass Lesions-Group B	Dr. Deniz Filinte
15:40-16-30	Pathology LAB: Pathology of infectious diseases-Group A	Dr. Deniz Filinte

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16:40-17:30	Pathology LAB: Pathology of infectious diseases-Group B	Dr. Deniz Filinte
Week 6 (25-29 November 2018)		
Monday	25 November	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 Forensic Sciences MDCN182 Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 Modern Indian Dance MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	26 November	
08:40-09:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Anaerobic gram-negative bacteria and their pathogenic properties	Dr. Nurver Ülger
14:40-15:30	Introduction to primary care and family medicine	Dr. Mehmet Akman
15:40-16:30	Anaerobic gram-positive bacteria and their pathogenic properties	Dr. Nurver Ülger
16:40-17:30	STUDY TIME	
Wednesday	27 November	
08:40-09:30	Autopsy	Dr. Hüseyin Kemal Türköz
09:40-10:30	Tumors and tumor-like lesions	Dr. Hüseyin Kemal Türköz
10:40-11:30	Infectious diseases-Morphologic patterns of injury-1	Dr. Hüseyin Kemal Türköz
11:40-12:30	Aerobic gram-positive bacilli and their pathogenetic properties	Dr. Nurver Ülger
13:40-14:30	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger, Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger, Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger, Dr. Mümtaz Güran
16:40-17:30	STUDY TIME	

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Thursday	28 November	
8:40-9:30	Pathology LAB: Pathological evaluation of neoplastic lesions-A	Dr. Hüseyin Kemal Türköz
09:40-10:30	Pathology LAB: Pathological evaluation of neoplastic lesions-A	Dr. Hüseyin Kemal Türköz
10:40-11:30	Pathology LAB: Pathological evaluation of neoplastic lesions-B	Dr. Hüseyin Kemal Türköz
11:40-12:30	Pathology LAB: Pathological evaluation of neoplastic lesions-B	Dr. Hüseyin Kemal Türköz
13:40-14:30	Infectious diseases-Morphologic patterns of injury-2	Dr. Hüseyin Kemal Türköz
14:40-15:30	Infectious diseases-Morphologic patterns of injury-3	Dr. Hüseyin Kemal Türköz
15:40-16-30	Tolerance and autoimmunity	Dr. Tunç Akkoç
16:40-17:30	Transplantation immunology	Dr. Tunç Akkoç
Friday	29 November	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
09:40-10:30	Turkish For Medical Students-III (Foreign Students)-Interactive Session	Inst. Mine Özerinç
10:40-11:30	Aberrations in immune responses- Immunodeficiencies	Dr. Tunç Akkoç
11:40-12:30	Aberrations in Immune Responses-Immunologic mechanisms of allergic diseases	Dr. Tunç Akkoç
13:40-14:30	PBL MODULE-4	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
14:40-15:30	PBL MODULE-4	Dr. Eren Sakallı, Dr. Masoud Afshani, Dr. Nilüfer Güzoğlu
15:40-16-30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 7 (02-06 December 2018)		
Monday	02 December	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Şerife Ç. Sokmez
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16-30	MDCN181 Forensic Sciences	Dr. Cemal Gürkan
16:40-17:30	MDCN182 Art & Craft for Medicine Students	Inst. Nurtane Karagil
	MDCN186 Modern Indian Dance	Inst. Hande Tuğcan
	MDCN187 Aerial Fitness and High Intensity Interval Training	Inst. Yasemin Kurtoğlu
Tuesday	03 December	

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08:40-09:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2 Research: Critics with groups about Ethical Committee Applications	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Enterobacteriaceae and their pathogenic properties	Dr. Nilgün Çerikçioğlu
14:40-15:30	Enterobacteriaceae and their pathogenic properties	Dr. Nilgün Çerikçioğlu
15:40-16-30	Nonfermentative bacteria and their pathogenic properties	Dr. Nilgün Çerikçioğlu
16:40-17:30	STUDY TIME	
Wednesday	04 December	
08:40-9:30	STUDY TIME	
09:40-10:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-I	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
10:40-11:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-I	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
12:40-12:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-I	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
13:40-14:30	Gram negative small nonenteric bacilli (Legionella, Francisella, Pasteurella) and their pathogenic properties	Dr. Nilgün Çerikçioğlu
14:40-15:30	Medically important yeasts and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu
15:40-16-30	Medically important yeasts and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu
16:40-17:30	STUDY TIME	
Thursday	05 December	
8:40-9:30	STUDY TIME	
09:40-10:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-II	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
10:40-11:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-II	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of Enterobacteriaceae & nonfermentative gram negative bacilli-II	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
13:40-14:30	Dermatophytes and their pathogenic mechanism	Dr. Nilgün Çerikçioğlu
14:40-15:30	Molds, dimorphic fungi, P. carinii (P. jiroveci) and their pathogenic mechanisms	Dr. Nilgün Çerikçioğlu
15:40-16-30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	06 December	

08:40-09:30	STUDY TIME	
09:40-10:30	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
10:40-11:30	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
13:40-14:30	Microbiology LAB: Examination of yeast & molds	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
14:40-15:30	Microbiology LAB: Examination of yeast & molds	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
15:40-16:30	Microbiology LAB: Examination of yeast & molds	Dr. Nilgün Çerikçioğlu, Dr. Mümtaz Güran
16:40-17:30	STUDY TIME	
Week 8 (09-13 December 2018)		
Monday	09 December	
08:40-10:30	PRACTICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	10 December	
08:40-09:30	MICROBIOLOGY PRACTICAL EXAM	Dr. Burak Aksu, Dr. Mümtaz Güran
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	11 December	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	

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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	12 December	
08:40-09:30	Y2C2 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16-30		
16:40-17:30		
Friday	13 December	
08:40-09:30		
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16-30		
16:40-17:30		