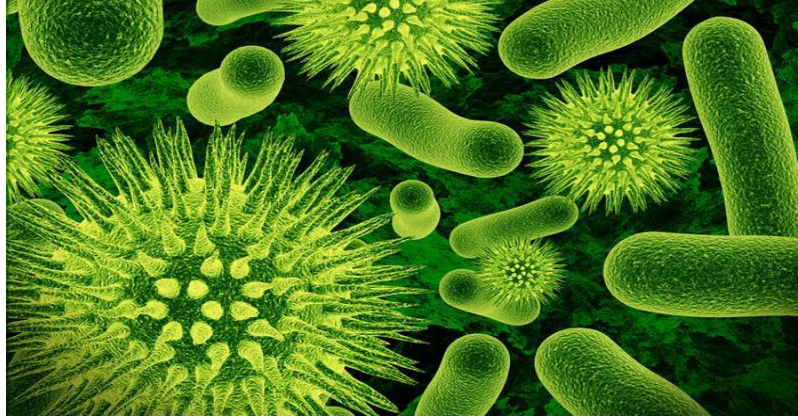




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN
UNIVERSITY INTERNATIONAL MEDICAL SCHOOL**



**CELL AND TISSUE INJURY - II
YEAR 2 COURSE 2
October 22nd, 2018- December 14th, 2018**

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**

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

Coordinators of Clinical Skill Lab.

Assoc. 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 KARADEMİR & Assist. Prof., Mümtaz GÜRAN

Coordinators of Assessment Unite

Asist. Prof., Cevdet NACAR & Assist. Prof., Can ERZİK & Assist. Prof., H. Eren SAKALLI & Assist. Prof., Hasan TOPER & Assist. Prof., Masoud AFSHANI

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

Dean (EMU)

Prof., Nahide GÖKÇORA

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
 Arzu İLKİ, Professor of Microbiology
 Ayşegül KARAHASAN, Professor of Microbiology
 Berfu Çerçi ÖNGÜN, Instructor of Anatomy
 Bülent SEZGİN, Assist. Prof. Of Internal Medicine
 Deniz FİLİNTE, Assoc. Prof. Of Pathology
 Eren Sakallı, Assist. Professor of Pharmacology
 Filiz ONAT, Professor of Pharmacology
 Funda EREN, Professor of Pathology
 Güner SÖYLETİR, Professor of Microbiology
 Handan KAYA, Professor of Pathology
 İlke Akçay, Assist. Prof. of Biostatistics
 İpek ERBARUT, Assist. Professor of Pathology
 Kemal BERKMAN, Professor of Pharmacology

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
 Nevber İSTİLLOZLU, Instructor of Turkish Language
 Nilgün ÇERİKÇİOĞLU, Professor of Microbiology
 Nurver ÜLGER, Professor of Microbiology
 Önder ŞİRİKÇİ, Professor of Biochemistry
 Sinem YILDIZ, Assist. Professor of Medical Education
 Tunç AKKOÇ, Professor of Child Health and Disease
 Ufuk HASDEMİR, Professor of Microbiology
 Zafer GÖREN, Professor of Pharmacology

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	20	52
Pathology	16	4	20
Pharmacology	10		10
Public Health	10	4	14
Subtotal	79	28	107
ICS-2: Student Research Activity (SRA)	28		28
ICS-2: History Taking and Introduction to Physical examination	8		8
Elective Course-II	12		12
TFMS 201- Turkish For Medical Students-III	30		30
TFMS 201- Turkish For Medical Students-III (Interactive session for Foreign Students)	8		8
PBL MODULE	8		8
TOTAL	173	28	201

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	THEORETICAL AND PRACTICAL SESSIONS	LECTURER(S)/TUTOR(S)
Week 1 (22 October- 26 October 2018)		
Monday	22 October	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	Introduction to the course and opening lecture	Dr. Masoud Afshani
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	23 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	24 October	
08:40-09:30	STUDY TIME	
09:40-10:30	Staphylococci and their pathogenic properties	Dr. Ufuk Hasdemir
10:40-11:30	Antimicrobial actions and resistance mechanisms to antimicrobials in bacteria	Dr. Ufuk Hasdemir
11:40-12:30	Principles of antimicrobial susceptibility testing	Dr. Ufuk Hasdemir
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

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16:40-17:30	Active and passive immunization	Dr. Ahmet Topuzoğlu
Thursday	25 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
11:40-12:30	Infection prevention at health care facilities and waste disposal	Dr. Ahmet Topuzoğlu
13:40-14:30	Public Health LAB: Infection Prevention: Field Study-Group A	Dr. Ahmet Topuzoğlu
14:40-15:30	Public Health LAB: Infection Prevention: Field Study-Group A	Dr. Ahmet Topuzoğlu
15:40-16:30	Public Health LAB: Infection Prevention: Field Study-Group B	Dr. Ahmet Topuzoğlu
16:40-17:30	Public Health LAB: Infection Prevention: Field Study-Group B	Dr. Ahmet Topuzoğlu
Friday	26 October	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 2 (29 October - 02 November 2018)		
Monday	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		
Tuesday	30 October	
08:40-09:30	ICS-2: Research Proposal Workshop Exam	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
09:40-10:30	ICS-2: Research Proposal Workshop Exam	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
10:40-11:30	ICS-2: Research Proposal Workshop Exam	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
11:40-12:30	ICS-2: Research Proposal Workshop Exam	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	

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15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	31 October	
08:40-09:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
09:40-10:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
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	01 November	
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	Vaccines and antisera	Dr. Güner Söyledir
14:40-15:30	Vaccines and antisera	Dr. Güner Söyledir
15:40-16:30	PBL MODULE-1	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
16:40-17:30	PBL MODULE-1	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
Friday	02 November	
08:40-09:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
09:40-10:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
10:40-11:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
11:40-12:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
13:40-14:30	Tissue responses to infections	Dr. Pelin Bağcı
14:40-15:30	Environmental pathology	Dr. Pelin Bağcı
15:40-16:30	Environmental pathology	Dr. Pelin Bağcı
16:40-17:30	STUDY TIME	
Week 3 (05-10 November 2018)		
Monday	05 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

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11:40-12:30	Pharmacotherapy in bacterial infections: Cephalosporins	Dr. Filiz Onat
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensity Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	06 November	
08:40-09:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
09:40-10:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
10:40-11:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
11:40-12:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
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	STUDY TIME	
16:40-17:30	STUDY TIME	
Wednesday	07 November	
08:40-09:30	Spirochetes and their pathogenic properties	Dr. Ayşegül Karahasan
09:40-10:30	Rickettsia, Ehrlichia and their pathogenic properties	Dr. Ayşegül Karahasan
10:40-11:30	PBL MODULE-2	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
11:40-12:30	PBL MODULE-2	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
13:40-14:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	08 November	

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08:40-09:30	Serological tests in clinical microbiology	Dr. Ayşegül Karahasan
09:40-10:30	Serological tests in clinical microbiology	Dr. Ayşegül Karahasan
10:40-11:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
11:40-12:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
13:40-14:30	Microorganisms and carcinogenesis	Dr. Ayşegül Karahasan
14:40-15:30	Chlamydia, Mycoplasma and their pathogenic properties	Dr. Ayşegül Karahasan
15:40-16:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
16:40-17:30	Turkish For Medical Students-III (Interactive session for Foreign Students)	Inst. Emine Özerinç
Friday	09 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Microbiology LAB: Serological tests	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Serological tests	Dr. Ayşegül Karahasan, Dr. Mümtaz Güran
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
16:40-17:30	Pathology LAB: Pathology of infectious diseases-Group B	Dr. Deniz Filinte
Week 4 (12-16 November 2018)		
Monday	12 November	
08:40-09:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
09:40-10:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
10:40-11:30	Neoplasia: Molecular basis of cancer	Dr. Handan Kaya
11:40-12:30	Neoplasia: Tumor immunity and clinical features of tumor	Dr. Handan Kaya
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	13 November	

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08:40-09:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
09:40-10:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
10:40-11:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
11:40-12:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaogulları Eker
13:40-14:30	Inflammation, immune regulation	Dr. Tunç Akkoç
14:40-15:30	Immunity to cancers	Dr. Tunç Akkoç
15:40-16-30	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
16:40-17:30	Neoplasia: Epidemiology and etiopathogenesis	Dr. Handan Kaya
Wednesday	14 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	Introduction to primary care and family medicine	Dr. Mehmet Akman
13:40-14:30	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç
14:40-15:30	Aberrations in immune responses-Hypersensitivity reactions	Dr. Tunç Akkoç
15:40-16-30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	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		
Friday	16 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	
Week 5 (19-23 November 2018)		

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Monday	19 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	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	20 November	
08:40-09:30	RELIGIOUS 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	21 November	
08:40-09:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
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	PBL MODULE-3	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
16:40-17:30	PBL MODULE-3	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp

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Thursday	22 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	Neoplasia: Definition and biology of tumor	Dr. Funda Eren
13:40-14:30	Neoplasia: Definition and biology of tumor	Dr. Funda Eren
14:40-15:30	Neoplasia: Nomenclature	Dr. Funda Eren
15:40-16:30	Neoplasia: Nomenclature	Dr. Funda Eren
16:40-17:30	STUDY TIME	
Friday	23 November	
08:40-09:30	Y1C1 THEORETICAL EXAM	
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	
Week 6 (26-30 November 2018)		
Monday	26 November	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	PBL MODULE-4	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
11:40-12:30	PBL MODULE-4	Dr. Mümtaz Güran, Dr. Eren Sakallı, Inst. Duygu Gençalp
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	27 November	

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08:40-09:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
09:40-10:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
10:40-11:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
11:40-12:30	ICS-2: Student Research Activity	Dr. İlke Akçay, Dr. Özge Cumaoğulları Eker
13:40-14:30	Pharmacotherapy in bacterial infections: Macrolides	Dr. Kemal Berkman
14:40-15:30	General principles of anticancer therapy	Dr. Eren Sakallı
15:40-16-30	Pharmacotherapy in bacterial infections: Broad spectrum antibiotics	Dr. Eren Sakallı
16:40-17:30	Pharmacotherapy in fungal infections	Dr. Eren Sakallı
Wednesday	28 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Neisseria, Moraxella and their pathogenic properties	Dr. Arzu İlki
10:40-11:30	Gram negative small nonenteric bacilli (Haemophilus, Brucella, Bordetella) and their pathogenic properties	Dr. Arzu İlki
11:40-12:30	Gram negative curved bacilli (Vibrio, Campylobacter, Helicobacter)and their pathogenic properties	Dr. Arzu İlki
13:40-14:30	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Arzu İlki
14:40-15:30	Mycobacteria, related microorganisms (Actinomyces, Nocardia) and their pathogenic properties	Dr. Arzu İlki
15:40-16-30	Microbiology LAB: Examination of gram positive & gram-negative cocci-I	Dr. Arzu İlki, Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-I	Dr. Arzu İlki, Dr. Mümtaz Güran
Thursday	29 November	
08:40-09:30	Autopsy	Dr. Kemal Türköz
09:40-10:30	Collection and transport of specimen to laboratory	Dr. Arzu İlki
10:40-11:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-II	Dr. Arzu İlki, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of gram positive & gram-negative cocci-II	Dr. Arzu İlki, Dr. Mümtaz Güran
13:40-14:30	General approach to the laboratory diagnosis of infectious diseases	Dr. Arzu İlki
14:40-15:30	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Arzu İlki, Dr. Mümtaz Güran
15:40-16-30	Microbiology LAB: Examination of Mycobacteria, Actinomyces, and Nocardia	Dr. Arzu İlki, Dr. Mümtaz Güran
16:40-17:30	Tumors and tumor like lesions	Dr. Kemal Türköz
Friday	30 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Infectious diseases-Morphologic patterns of injury-1	Dr. Kemal Türköz
10:40-11:30	Infectious diseases-Morphologic patterns of injury-2	Dr. Kemal Türköz

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11:40-12:30	Infectious diseases-Morphologic patterns of injury-3	Dr. Kemal Türköz
13:40-14:30	Pathology LAB: Pathological evaluation of neoplastic lesions-A	Dr. Kemal Türköz
14:40-15:30	Pathology LAB: Pathological evaluation of neoplastic lesions-A	Dr. Kemal Türköz
15:40-16:30	Pathology LAB: Pathological evaluation of neoplastic lesions-B	Dr. Kemal Türköz
16:40-17:30	Pathology LAB: Pathological evaluation of neoplastic lesions-B	Dr. Kemal Türköz
Week 7 (03-07 December 2018)		
Monday	03 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	
13:40-14:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
14:40-15:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
15:40-16:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
16:40-17:30	Turkish For Medical Students-III (Foreign Students)	Inst. Emine Özerinç
	Elective Course-II (Turkish Students) MDCN181 Forensic Sciences MDCN182 Art & Craft For Medicine Students MDCN186 Modern Indian Dance MDCN187 Aerial Fitness And High Intensty Interval Training	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	04 December	
08:40-09:30	STUDY TIME	
09:40-10:30	Anaerobic gram positive bacteria and their pathogenic properties	Dr. Nurver Ülger
10:40-11:30	Anaerobic gram negative bacteria and their pathogenic properties	Dr. Nurver Ülger
11:40-12:30	Gram negative small nonenteric bacilli (Legionella, Francisella, Pasteurella) and their pathogenic properties	Dr. Nurver Ülger
13:40-14:30	ICS-2: Student Research Activity	
14:40-15:30	ICS-2: Student Research Activity	
15:40-16:30	ICS-2: Student Research Activity	
16:40-17:30	ICS-2: Student Research Activity	
Wednesday	05 December	
08:40-09:30	STUDY TIME	
09:40-10:30	Aerobic gram positive bacilli and their pathogenetic properties	Dr. Nurver Ülger
10:40-11:30	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger, Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of spore forming & non-spore forming bacilli	Dr. Nurver Ülger, Dr. Mümtaz Güran

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13:40-14:30	Medically important yeasts and their pathogenic mechanisms	Dr. Burak Aksu
14:40-15:30	Medically important yeasts and their pathogenic mechanisms	Dr. Burak Aksu
15:40-16:30	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Burak Aksu, Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Examination of curved & nonenteric gram negative bacilli	Dr. Burak Aksu, Dr. Mümtaz Güran
Thursday	06 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	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	07 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	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 8 (10-14 December 2018)		
Monday	10 December	
08:40-10:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Microbiology LAB: Examination of yeast & molds	Dr. Mümtaz Güran
11:40-12:30	Microbiology LAB: Examination of yeast & molds	Dr. Mümtaz Güran
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	11 December	
08:40-09:30	MICROBIOLOGY PRACTICAL EXAMINATION (Starts at 09:30)	Dr. Mümtaz Güran
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		

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14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	12 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	
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	13 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	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	14 December	
08:40-09:30	Y2C2 THEORETICAL EXAM (09:30 a.m.)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
	Courses postponed to next committee	
	Enterobacteriaceae and their pathogenic properties	Dr. Güner Söyledir
	Enterobacteriaceae and their pathogenic properties	Dr. Güner Söyledir
	Non-fermentative bacteria and their pathogenic properties	Dr. Güner Söyledir
	Tolerance and autoimmunity	Dr. Tunç Akkoç
	Transplantation immunology	Dr. Tunç Akkoç
	Aberrations in immune responses- Immunodeficiencies	Dr. Tunç Akkoç
	Aberrations in Immune Responses-Immunologic mechanisms of allergic diseases	Dr. Tunç Akkoç
	Dermatophytes and their pathogenic mechanism	Dr. Mehmet Burak Aksu
	Molds, dimorphic fungi, P. carinii (P. icroveci) and their pathogenic mechanisms	Dr. Mehmet Burak Aksu
	Microbiology LAB: Examination of Enterobacteriaceae & non-fermentative gram-negative bacilli-II	Dr. Burak Aksu, Dr. Mümtaz Güran

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	Microbiology LAB: Examination of Enterobacteriaceae & non-fermentative gram-negative bacilli-II	Dr. Burak Aksu, Dr. Mümtaz Güran