



**T.C.**  
**ISTANBUL OKAN UNIVERSITY**  
**FACULTY OF DENTISTRY**  
**2023-2024 ACADEMIC YEAR**



**FACULTY:** ISTANBUL OKAN UNIVERSITY FACULTY OF MEDICINE  
**COURSE CODE and TITLE:** DENT117 MEDICAL BIOLOGY AND GENETICS  
**LECTURER:** Assist. Prof. Dr. HİLAL EREN GÖZEL  
**CLASS:** 1st CLASS  
**SEMESTER:** FALL AND SPRING SEMESTER (1-2. SEMESTER)  
**DAY:** THURSDAY  
**TIME:** 11.00 - 12.50

WEEK	DATE	DENT117 MEDICAL BIOLOGY AND GENETICS COURSE TITLES	LECTURER
WEEK 1	02.10.2023 (Face to Face)	Introduction to Medical Biology	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 2	9.10.2023 (Face to Face)	Cellular Structures / Organelles / Cytoskeleton	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 3	16.10.2023 (Face to Face)	Cell Membrane and Membrane Transport	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 4	23.10.2023 (Face to Face)	DNA Structure, Function / DNA Replication	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 5	30.10.2023 (Face to Face)	RNA Structure and Transcriptional Regulation	Assist. Prof. Dr. Müge Atış Ceylan

WEEK 6	<b>06.11.2023</b> (Face to Face)	Review / Problem Solving	Assist. Prof. Dr. Hilal Eren Gözel Assist. Prof. Dr. Müge Atış Ceylan
WEEK 7	<b>13.11.2023</b> (Face to Face)	Transcriptional Regulation	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 8	<b>13.11-24.12.2023</b>	<b>1ST MID-TERM EXAM</b>	
WEEK 9	<b>27.11.2023</b> (Face to Face)	Post-Transcriptional Regulation	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 10	<b>04.12.2023</b> (Face to Face)	Genetic Codes, tRNA, rRNA / Protein Synthesis	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 11	<b>11.12.2023</b> (Face to Face)	Posttranslational Modifications	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 12	<b>18.12.2023</b> (Face to Face)	Mutations, Mutagenesis	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 13	<b>25.12.2023</b> (Face to Face)	Review / Problem Solving	Assist. Prof. Dr. Hilal Eren Gözel Assist. Prof. Dr. Müge Atış Ceylan
WEEK 14	<b>02.01.2024</b> (Face to Face)	Cell Division / Cell Cycle Regulation	Assist. Prof. Dr. Hilal Eren Gözel
	<b>08.01-19.01.2024</b>	<b>2ND MID-TERM EXAM WEEKS</b>	
	<b>22.01-02.02.2024</b>	<b>SEMESTER HOLIDAY</b>	

<b>WEEK</b>	<b>DATE</b>	<b>DENT117 MEDICAL BIOLOGY AND GENETICS COURSE TITLES</b>	<b>LECTURER</b>
WEEK 1	<b>05.02.2024</b> <b>(Face to Face)</b>	Cell Death Regulation	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 2	<b>12.02.2024</b> <b>(Face to Face)</b>	Human Genome Organisation	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 3	<b>19.02.2024</b> <b>(Face to Face)</b>	Mendelian Genetics	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 4	<b>26.02.2024</b> <b>(Face to Face)</b>	Non-Mendelian Genetics	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 5	<b>04.03.2024</b> <b>(Face to Face)</b>	Review / Problem Solving	Assist. Prof. Dr. Hilal Eren Gözel Assist. Prof. Dr. Müge Atış Ceylan
WEEK 6	<b>11.03.2024</b> <b>(Face to Face)</b>	Genetic Diseases	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 7	<b>18.03.2024</b> <b>(Face to Face)</b>	Chromosome Abnormalities and Disorders	Assist. Prof. Dr. Müge Atış Ceylan
<b>WEEK 8</b>	<b>25-05.04.2024</b>	<b>3RD MID-TERM EXAM</b>	
WEEK 9	<b>08.04.2024</b> <b>(Face to Face)</b>	HOLIDAY	
WEEK 10	<b>15.04.2024</b> <b>(Face to Face)</b>	Cancer Genetics	Assist. Prof. Dr. Hilal Eren Gözel
WEEK 11	<b>22.04.2024</b> <b>(Face to Face)</b>	Blood Genetics	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 12	<b>29.04.2024</b> <b>(Face to Face)</b>	Immunogenetics I	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 13	<b>06.05.2024</b> <b>(Face to Face)</b>	Immunogenetics II	Assist. Prof. Dr. Müge Atış Ceylan

WEEK 14	<b>13.05.2024</b> <b>(Face to Face)</b>	Epigenetics	Assist. Prof. Dr. Müge Atış Ceylan
WEEK 15	<b>20.05.2024</b> <b>(Face to Face)</b>	Review / Problem Solving	Assist. Prof. Dr. Hilal Eren Gözel Assist. Prof. Dr. Müge Atış Ceylan
	<b>27.05-07.06.2024</b>	<b>FINAL EXAM WEEKS</b>	
	<b>10-14.06.2024</b>	<b>MAKE-UP EXAM WEEKS</b>	