

HEMATOPOETIC SYSTEM

1	Course Title:	HEMATOPOETIC SYSTEM
2	Course Code:	TFZ6006
3	Type of Course:	Optional
4	Level of Course:	Third Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. NACİYE İŞBİL
15	Course Lecturers:	Dr.Öğr.Üyesi Engin Sağdılek
16	Contact information of the Course Coordinator:	Prof. Dr. Naciye İşbil U.Ü. Tıp Fak. Fizyoloji ABD Bursa nisbil@uludag.edu.tr / 0224 2954011
17	Website:	
18	Objective of the Course:	The aim is to learn about the physical properties of blood , production of blood cells and their functions.
19	Contribution of the Course to Professional Development:	The aim is to learn about the physical properties of blood , production of blood cells and their functions.
20	Learning Outcomes:	
	1	Comphrend process of hematopoiesis
	2	To know about the physiological functions of blood cells
	3	To know about natural and adaptive immunity
	4	To know about coagulation anf fibrinolytic systems
	5	To reinforce knowledge of hematopoietic system's physiological functions by laboratory practice
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21	Course Content:	
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Week	Theoretical	Practice
1	Physical properties of blood	The presentation of the laboratory materials, microscope usage and safety rules to pay attention for laboratory staff
2	Haematopoiesis and hematopoietic systems	Blood sampling methods
3	Erythropoiesis and its regulation, erythrocytes	Red blood cell count with haemocytometer method
4	Hemoglobin and its types	Leukocyte count with haemocytometer method

ÖK5	5	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							