(CELLULAR AND MOL	ECUL	AR BASICS OF INFLAMMATION							
1	Course Title:	CELLUL	AR AND MOLECULAR BASICS OF INFLAMMATION							
2	Course Code:	TMi6007								
3	Type of Course:	Optional								
4	Level of Course:	Third Cy	cle							
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	3.00								
8	Theoretical (hour/week):	1.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	NONE								
12	Language:	Turkish								
13	Mode of Delivery:	Face to	face							
14	Course Coordinator:	Prof. Dr.	BARBAROS ORAL							
15	Course Lecturers:	-								
16	Contact information of the Course Coordinator:	Bursa Uludağ Üniversitesi, Tıp Fakültesi, Tıbbi Mikrobiyoloji Anabilim Dalı, İmmünoloji Bilim Dalı, 16059, Nilüfer, BURSA E-mail: oralb@uludag.edu.tr Phone: 2954114								
17	Website:									
18	Objective of the Course:	This course is aimed to provide the student to comprehend the immunological mechanisms involved in the process of inflammation, benefits of inflammatory responses and the roles of an excessive inflammatory response for the pathogenesis of various diseases.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	To comprehend the immunological mechanisms involved in the process of inflammation							
		2	To gain some basic immunological information about how inflammation functions as an innate immune defense mechanism							
		3	To acquire knowledge about the benefits associated with the inflammatory response							
		4	To comprehend how an excessive inflammatory response can be harmful to the body							
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21	Course Content:									
		Course Content:								
Week	Theoretical		Practice							
1	Inflammatory cells and characteristic	cs								

2	Pro-i			ory and	d anti-	-inflam	mator	y											
3	Cher	Chemokines																	
4	Vasc	Vascular endothelium and characteristics																	
5	Endo	Endothelial cell activation and NF-kB																	
6	Read	Reactive oxygen and nitrogen methabolisms																	
7	Acut	Acute inflammation																	
8	Chronic inflammation																		
9	Rheumatoid arthritis																		
10	Behçet's Disease																		
11	Vasc	culitis							Т										
12	Athe	rosc	lerosis	3															
13	Chro	nic i	nflamı	matior	and	cance	r		Т										
14	Anti-	inflaı	mmate	ory dru	ugs ar	nd thei	r effec	ts											
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22	Materials:							Mo edi 2. Sc Pra 3. Kit	 Abbas A.K., Lichtman A.H., Pillai S."Cellular and Molecular Immunology", Elsevier Saunders Elsevier, 8th edition (2012). Rich R.R., Fleisher T.A., Shearer W.T., Kotzin B.L., Schroeder Jr H.W., "Clinical Immunology: Principles and Practice", Mosby International Ltd., 3rd edition (2008). Kılıçturgay K., "İmmünoloji", Nobel & Güneş Tıp Kitabevi, 3. Baskı (2003). 										
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