

HARRAN UNIVERSITY

Code of the course : 5104218

Name of the course : Immunology

Name of the instructor who taught the course last semester : Assoc. Prof. Dr. Faruk SÜZERGÖZ

Name of the course	Code	Term	T + P	Credit	ECTS
Immunology	5104218	SPRING	3+0	3	5
Course Prerequisite					
Type of the course	Selective				
Name of the instructor who taught the course last semester					
Aim and goals of the course	Introduce basic immunological concepts and the importance of immunity, the immune response to varieties of organisms				
Contents of the course	Introduction, antigen and antibodies immune system organs and cell immune response infection immunity and immunopathology				
Weeks	Semester Teaching Plan				
1	Chronology of immunology				
2	Immune system organs				
3	Immune system cells				
4	Antigen concept				
5	Antibody concept				
6	T and B lymphocytes				
7	Midterm exam				
8	Immune response				
9	Primary and secondary responses				
10	Optimal immune response				
11	Hypersensitivities				
12	Autoimmunity				
13	Transplantation immunology				
14	Tumor immunology				
References					
Abbas AK, Lichtman AH, Basic Immunology. Elsevier Inc. New York USA,2007. Kaya Kılıçtırgay, İmmünolojiye Giriş, Güneş Kitabevi Bursa,1991 Stites D.P, Terr A.I, Basic and clinical immunology,Appleton&Lange, California, 1991 Gülmezoglu E, Ergüven S, İmmünoloji, Hacettepe-Taş Kitapçılık, Ankara, 1994 Yusuf Özbal, Temel İmmünoloji, Nobel Tıp Kitapevleri, 1994 Roitt I. Brostoff J, Male D. Mosby, Immunology Darnell, Lodish and Baltimore, Molecular Cell Biology, Scientific American Books, Inc. 1.Abbas AK, Lichtman AH, Basic Immunology. Elsevier Inc. New York USA,2007. 2.Kaya Kılıçtırgay, İmmünolojiye Giriş, Güneş Kitabevi Bursa,1991 3.Stites D.P, Terr A.I, Basic and clinical immunology,Appleton&Lange, California, 1991 4.Gülmezoglu E, Ergüven S, İmmünoloji, Hacettepe-Taş Kitapçılık, Ankara, 1994 5.Yusuf Özbal, Temel İmmünoloji,					
Evaluation					
One written midterm exam (40%), one written final exam (%60).					

	Hours	Evaluate
Theory (14 weeks)	3 x 15 = 45	Attendance to lesson
Practice	None	
Groups/Sections	2 x 15 = 30	
Homework	15	Discussions with lecturer and assistants
Project	10	
Mid term exam	For exam: 2 Personal study: 113	Written exam
Final exam	For exam: 2 Personal study: 18	Written exam
Quiz (4)	None	
Research (internet/library)	15	Research from different sources
Other(.)		
Other(.)		
Total	150	