

immunogenetics course plan for international MSc students  
 Two theoretical academic units First semester 1402-03  
 Person in charge: Dr Zamani Classroom 1 Department of Medical Genetics

prof. name	Lectures	DATE	TIME	DAY	NO
Prof. Zamani	Introduction and overview	30/7/1402 22/10/2023	13-15	Sun	1
Prof. Zamani	Genetics of autoimmune diseases	7/8/1402 29/10/2023	" "	" "	2
prof. Zamani	MHC genes complex	*	" "	" "	3
Prof. Zamani	The structure and function of MHC molecules	14/8/1402 5/11/2023	" "	" "	4
Prof. Zamani	The meaning of polymorphism in the HLA	*	" "	" "	5
Prof. Zamani	HLA typing techniques; Low and High resolution	*	" "	" "	6
Prof. Zamani	HLA associated diseases	*	" "	" "	7
Prof. Zamani	Statistical Methods in Immunogenetics and Classification of HLA and organ transplantation	*	" "	" "	8
Prof. Zamani	HLA and Stem cell transplantation	*	" "	" "	9
Prof. Zamani	HLA Bank and organ transplantation	*	" "	" "	10
Prof. Zamani	Conclusion and Discussion	*	" "	" "	11
Prof. Panahi	Immunological effects of epigenetic modifie	21/8/1402 12/11/2023	" "	" "	12
Prof. Panahi	Structure of Phage Display and antibody	28/8/1402 19/11/2023	" "	" "	13
Prof. Panahi	construction of Phage Display libraries	5/9/1402 26/11/2023	" "	" "	14
Prof. Ghafari	Genetics basis of antibodies diversity	12/9/1402 3/12/2023	" "	" "	15
Prof. Ghafari	Cellular immune response	19/9/1402 10/12/2023	" "	" "	16
Prof. Ghafari	Genes and protains of CD3, CD4, TCR	3/10/1402 24/12/2023	" "	" "	17
Prof. Ghafari	and T diversity TCR The Genetics basis of cell selection	10/10/1402 31/12/2023	" "	" "	18
Prof. Zamani	Exam		" "	" "	19

\*:Please arrange the time with Dr Zamani