



School of Medicine
Department of Immunology

Medical Immunology	
Course code and type	Course code: 131- Basic science/Clinical introduction
Type and number of units	8 practical hours (total 38 hours)
Prerequisite courses	Does not have
Contacts	MBBS Medical students
Lesson presentation time	Saturday 13 to 16
Place of classes:	School of Medicine, Immunology Lab
Course leader:	Dr. Mahdi Shabani
Contact information of the course instructor	msshabani@sbmu.ac.ir
Direct phone number of immunology department	+98-21-224339970 extension 2545
The date of the final exam:	
Lesson resources:	<ul style="list-style-type: none"> McPherson R, Pincus M. Henry's Clinical Diagnosis and Management by Laboratory Methods. Publisher: Elsevier-Saunders; 2016. Johnstone AP, Thorpe R. Immunochemistry in Practice. Publisher: Wiley-Blackwell. 3rd edition; 1996.
Description:	Comprehensive evaluation method: Conducting a written exam at the end of the semester using four-choice questions.

List of topics, calendar and lecturers

No.	Topic	Day	Time	Date	Lecturer
1	Introduction of serology method and techniques -Introduction of immunology laboratory tests	Saturday	Group 1: 12:30-15:30	12 April/23 Farvardin	Dr. Mortaz
2	- Basics of tube agglutination tests - Serological diagnoses of infectious diseases including Wright/Vidal - Wright test	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	19 April/30 Farvardin	Dr. Yegane
3	-Types of slide agglutination reactions - CRP test	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	26 April/06 Ordibehesht	Dr. Mollahosseini
4	-Basics of direct and indirect grouping tests of the ABO blood group	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	03 May/ 13 Ordibehesht	Dr. Hashemi
5	The theoretical basics of the ELISA technique - Types of ELISA methods and their application	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	10 May/ 20 Ordibehesht	Dr. Shabani



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6	Introduction of serology method and techniques -Introduction of immunology laboratory tests	Saturday	Group 2: 12:30-15:30	17 may/ 27 Ordibehesht	Dr. Mortaz
7	- Basics of tube agglutination tests - Serological diagnoses of infectious diseases including Wright/Vidal - Wright test	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	24 May/ 03 Khordad	Dr. Yegane
8	-Types of slide agglutination reactions - CRP test	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	31 May/10 Khordad	Dr. Mollahosseini
9	-Basics of direct and indirect grouping tests of the ABO blood group	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	07 June/ 17 Khordad	Dr. Hashemi
10	The theoretical basics of the ELISA technique - Types of ELISA methods and their application	Saturday	Prelab All: 13-14 subgroup 1: 14-15 subgroup 2: 15-16	21 June/31 Khordad	Dr. Shabani

