

Bacterial Systematic 2 (M.S.)

Saturday AND Monday 10-12

	Data	Subject	Instructor
1	18/1/1403	Respiratory Tract Infections: A Clinical Approach and treatment	Dr. Abiri
2	20/1/1403	Streptococcus pyogenes and Streptococcus pneumoniae	Dr. Abiri
3	25/1/1403	Streptococcus agalactiae and Streptococcus pneumonia	Dr. Abiri
4	27/1/1403	Haemophilus ducreyi AND Chlamydia trachomatis	Dr. Pajavand
5	1/2/1403	Neisseria gonorrhoeae	Dr. Pajavand
6	3/2/1403	Treponemes	Dr. Pajavand
7	8/2/1403	Rickettsia Coxiella, and Ehrlichia, Anaplasma and Orientia	Dr. Pajavand
8	10/2/1403	Klebsiella pneumonia, Moraxella catarrhalis and Pseudomonas aeruginosa	Dr. Mohajeri
9	17/2/1403	Mycoplasmas and Ureaplasmas, Chlamydophila pneumonia	Dr. Mohajeri
10	22/2/1403	Mycobacterium tuberculosis - Other Mycobacteria AND Nocardiida	Dr. Mohajeri
11	29/2/1403	Bordetella pertussis, Legionella and Corynebacterium spp	Dr. Taki
12	31/2/1403	Yersinia pestis, Bacillus anthracis	Dr. Taki
13	5/3/1403	Brucella AND Francisella	Dr. Taki
14	7/3/1403	Borrelia , Leptospira AND Bartonella	Dr. Taki
15	12/3/1403	Genital AND Urinary Tract Infections:A Clinical Overview and treatment	Dr. Alvandi
16	19/3/1403	Escherichia coli in Urinary Tract Infections and Proteus mirabilis	Dr. Alvandi
17	21/3/1403	Bacterial Infections of the CNS: A clinical approach and treatment : Haemophilus influenza, Neisseria meningitidis	Dr. Alvandi

Host Parasite Interactions 1 (Ph.D and M.S.)
Sunday 8-10

Date	Subject	Instructor
16/2/1403	Symbiosis AND Microbiome	Dr. Taki
23/2/1403	Pathogenicity of microorganisms	Dr. Taki
30/2/1403	Genomic characteristics and regulatory toxins	Dr. Pajavand
6/3/1403	Secretory systems of bacterial toxins	Dr. Pajavand
13/3/1403	Novel Targets for Antimicrobial Drugs	Dr. Abiri
20/3/1403	Intracellular Lifestyle	Dr. Alvandi
27/3/1403	Invasion	Dr. Mohajeri
3/4/1403	Effects of viruses on cells	Dr. Moghafari

Molecular diagnostics

Monday 8-10

	Topic	Lecturer	Date
1	DNA and RNA Extraction	Dr. Moghoufeii	28/1/1403
2	PFGE, Typing methods	Dr. Mohajeri	4/2/1403
3	Sequencing	Dr. Abiri	11/2/1403
4	microRNA	Dr. Zehtabian	18/2/1403
5	Cloning	Dr. Alvandi	1/3/1403
6	PCR	Dr. Babaei	8/3/1403
7	Electrophoresis	Dr. Babaei	15/3/1403
8	cDNA synthesis	Dr. Pajavand	22/3/1403
9	RT-PCR, qPCR	Dr. Pajavand	29/3/1403
10	SDS-PAGE	Dr. Taki	5/4/1403

Practical Microbiology

Date	Subject	Instructor
1	23.03.1403 Central nervous system infections Specimen management (Collection, Transport and Handling), Cultivation and Identification of common causative Bacteria	Dr. Pajavand
2	30.03.1403 Bone and joint infections Specimen management (Collection, Transport and Handling), Cultivation and Identification of common causative Bacteria	Dr. Pajavand
3	6.04.1403 Anaerobic Infections Specimen management (Collection, Transport and Handling), Cultivation and Identification of common causative Bacteria	Dr. Taki
4	13.04.1403 Gastrointestinal infections Specimen management (Collection, Transport and Handling), Cultivation and Identification of common causative Bacteria	Dr. Taki
5	20.04.1402	
6	27.04. 1402	