

**MICROBIOLOGY LECTURES for DENTISTRY STUDENTS**  
**2014/2015 Academic Year, 1st Semester**

Date	Hour	Week	Lecture		
8 Sept.	16-17	1 <sup>st</sup>	1	The science of microbiology. Major groups of microorganisms. Prokaryotic taxonomy and cell structure.	J. Kónya
	17-18		2	Morphology and physiology of bacteria. Bacterial genetics. Pathogenesis and infection.	J. Kónya
15 Sept.	16-17	2 <sup>nd</sup>	3	Host defenses against bacteria.	J. Kónya
	17-18		4	Immunization, vaccines.	J. Kónya
22 Sept.	16-17	3 <sup>rd</sup>	5	Sterilization and disinfection.	Gy. Veress
	17-18		6	Principles of chemotherapy.	Gy. Veress
29 Sept.	16-17	4 <sup>th</sup>	7	Gram positive cocci (Staphylococcus, Streptococcus).	J. Kónya
	17-18		8	Gram positive rods (Corynebacterium, Lactobacillus).	J. Kónya
6 Oct.	16-17	5 <sup>th</sup>	9	Neisseria, Bordetella, Actinobacillus.	J. Kónya
	17-18		10	Actinomyces, acid fast bacteria (Mycobacterium, Nocardia).	J. Kónya
13 Oct.	16-17	6 <sup>th</sup>	11	Anaerobic bacteria, spirochaetes.	J. Kónya
	17-18		12	The oral microflora.	J. Kónya
20 Oct.	16-17	7 <sup>th</sup>	13	The dental plaque.	J. Kónya
	17-18		14	Dental caries.	J. Kónya
27 Oct.	16-17	8 <sup>th</sup>	15	Periodontal diseases.	J. Kónya
	17-18		16	Dentoalveolar infections.	J. Kónya
3 Nov.	16-17	9 <sup>th</sup>	17	Mycology I	L. Majoros
	17-18		18	Mycology II	L. Majoros
10 Nov.	16-17	10 <sup>th</sup>	19	Mycology III	L. Majoros
	17-18		20	Protozoa	L. Majoros
17 Nov.	16-17	11 <sup>th</sup>	21	The structure and classification of viruses.	Gy. Veress
	17-18		22	Replication strategies of viruses.	Gy. Veress
24 Nov.	16-17	12 <sup>th</sup>	23	Host defenses against viruses	J. Kónya
	17-18		24	Virus vaccines, antiviral drugs	J. Kónya
1 Dec.	16-17	13 <sup>th</sup>	25	Herpesviruses	J. Kónya
	17-18		26	Hepatitis viruses	J. Kónya
8 Dec.	16-17	14 <sup>th</sup>	27	Human papillomavirus, poxviruses, adenoviruses, viral enteritides.	Gy. Veress
	17-18		28	Influenza, paramyxoviruses, picornaviruses, rubella, arbo- and roboviruses.	Gy. Veress
15 Dec.	16-17	15 <sup>th</sup>	29	Human immunodeficiency virus, human tumor viruses.	J. Kónya
	17-18		30	Cross-infections in dentistry.	J. Kónya

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