



Faculty of Medicine

Department XIV: Microbiology

University Department Sub-Structure of Microbiology

Associate Professor, Position 31

Topic

1. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections caused by *Staphylococcus*
2. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Streptococcus*
3. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Str. agalactiae*, *Str. viridans*, *Enterococcus*
4. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections caused by *Neisseria* (*N. meningitidis* and *N. gonorrhoeae*)
5. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Corynebacterium*
6. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Bacillus*
7. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Listeria*
8. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by enterobacteria of the genus *Salmonella*
9. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Shigella*, *Yersinia*
10. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Escherichia*
11. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Klebsiella*
12. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Proteus*, *Morganella*, *Providencia*
13. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Vibrio*
14. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Pseudomonas*
15. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Campylobacter*, *Helicobacter*
16. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Legionella*
17. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by anaerobic bacteria
18. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Treponema*
19. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Leptospira*, *Borrelia*
20. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Mycobacterium*
21. Taxonomy, pathogenicity factors, laboratory diagnosis, prophylaxis, therapy, infections produced by *Chlamydia* and *Mycoplasma*
22. Taxonomy, structure, laboratory diagnosis, prophylaxis, therapy, fungal infections of medical importance



23. Taxonomy, structure, laboratory diagnosis, prophylaxis, therapy, infections produced by *Ortomyxoviridae*
24. Taxonomy, structure, laboratory diagnosis, prophylaxis, therapy, rabies virus infections
25. Taxonomy, structure, laboratory diagnosis, prophylaxis, therapy, infections produced by retroviruses
26. Role of the Microbiology Laboratory in the diagnosis and treatment of healthcare associated infection

References

1. SPECIAL MICROBIOLOGY COURSE VOL. I BACTERIOLOGY For students of the Faculty of Medicine, Monica Licker et al, Editura Victor Babes, Timisoara, 2020, http://www.umft.ro/data_files/documente-atasate-sectiuni/6157/curs_20de_20microbiologie_20special_c4_83_201.pdf
2. SPECIAL MICROBIOLOGY COURSE VOL. II VIRUSOLOGY, MYCOLOGY For students of the Faculty of Medicine Monica Licker et al, Editura Victor Babes, Timisoara, 2020, http://www.umft.ro/data_files/documente-atasate-sectiuni/6306/curs_20de_20microbiologie_20special_c4_82_20vol_20ii.pdf, http://www.umft.ro/data_files/documente-atasate-sectiuni/6306/curs_20de_20microbiologie_20special_c4_82_20vol_20ii.pdf
3. SPECIAL MICROBIOLOGY PRACTICAL WORKBOOK, MONICA LICKER et al, Editura Victor Babes, Timisoara, 2020, http://www.umft.ro/data_files/documente-atasate-sectiuni/4888/microbiologie_20speciala_20bun.pdf
4. TEXTBOOK OF CLINICAL MICROBIOLOGY, 2ND EDITION, Buiuc D., Neguț M. et al, ISBN 13-973-39-0593-3, Ed. Medicală București, 2009.
5. SCHAECHTER'S MECHANISMS OF MICROBIAL DISEASE, N. Cary Engleberg, Moselio Schaechter, Victor J. DiRita, Victor J. DiRita, Terence S. Dermody, Terence S. Dermody, 2013, 5th Edition, Publisher: Lippincott Williams & Wilkins, ISBN- 978-0-7817-8744-4
6. REVIEW OF MEDICAL MICROBIOLOGY, Patrick R. Murray, Ph.D., Ken S. Rosenthal, Ken Rosenthal, 8 Edition, 2015, Publisher: Mosby Inc., ISBN-13: 978-0323299565, ISBN-10: 0323299563
7. Adam Feather, David Randall, Mona Waterhouse Kumar and Clark Clinical medicine, Leonard Azamfirei, Anca Dana Buzoianu, Dan Ionuț Gheonea – coordinators of the Romanian edition, 10th edition, 1564 color pages, Editura Hipocrate, Bucharest, 2021
8. Peter Lawrence: General surgery and surgical specialties, Octavian Crețu, Viorel Jinga, Viorel Scripcariu – coordinators of the Romanian edition, 6th edition, Editura Hipocrate, Bucharest, 2021
9. Latha Ganti, David Lebowitz, Javier Rosario, Ariel Vera: Synopsis of Medicine, Cristina Oana Marginean, Catalina Poiana - coordinators of the Romanian edition, 5th edition, Editura Hipocrate, Bucharest, 2021