

Tematica si bibliografia pentru postul de sef de lucrari poz. 3
Disciplina Microbiologie, Virusologie si Parazitologie, FMAM, UMFC

1. Note de curs si lucrari practice pentru studentul la FMAM. Microbiologie 2023. (Bacteriologie, Virusologie si Parazitologie). LSC Manolescu, M Preda, RD Chivu, editura Matrix Rom
 - Diagnosticul de laborator în microbiologie. MI. Popa, Ed. Infomedica, 2004 (ediție online 2010). www.microbiologie.ro
 2. Diagnosticul de laborator în microbiologie. MI. Popa, Ed. Renaissance, 2014.
 3. Atlas online de microbiologie - Disciplina de Microbiologie UMF Târgu-Mureș <http://atlas.microumfmgm.ro/>
 4. Tratat de Microbiologie Clinică, D. Buiuc, M. Neagu ed., ediția a III-a, revizuită și adăugită, 2009. Ed. Medicală, ISBN (13) 978-973-39-0593-6
 5. Microbiologie FMAM 2014 GI Popa, Manolescu L; www.microbiologie.ro, Ed. Renaissance 2014
 6. Lucrările practice si cursurile susținute de Disciplina microbiologie, parazitologie, virusologie.
 7. Curs de virusologie medicala. C Cernescu, Editura Medicala 2008
 8. Curs concis de Virusologie. Simona Ruta. Editura universitara Carol Davila 2002
 9. Loredana Popa. Parazitologie medicala pentru medicina dentara. 2014 Editura Renaissance, editie online la www.microbiologie.ro.
 10. ***CDC. 2021. Preventing Infections Before and During Pregnancy
Accesat la <https://www.cdc.gov/pregnancy/infections.html>
 11. Cursurile susținute de disciplina microbiologie, parazitologie, virusologie.
- Alte resurse:
- Handbook of Specimen Collection and Handling in Microbiology
<https://stacks.cdc.gov/view/cdc/7590>
- recomandari CDC (enumerate pe scurt reguli generale pentru fiecare produs patologic)
<https://www.cdc.gov/urdo/downloads/SpecCollectionGuidelines.pdf>
- recomandările Societății Americane de Microbiologie
https://www.asmscience.org/files/GSM3e_Excerpt1.pdf
http://pathology.jhu.edu/microbiology/files/Specimen_Collection_Guidelines_2019.pdf
- COVID-19 Diagnostics: Performing a Nasopharyngeal and Oropharyngeal Swab
<https://www.youtube.com/watch?v=syXd7kgLSN8>
- Specimen Collection Nose and Throat
<https://www.youtube.com/watch?v=VUYJOPy9nQ0>
- How to Collect Sputum Samples
<https://www.youtube.com/watch?v=Vs9DWzuvXUc>
- How to Perform Venipuncture (Phlebotomy Training Video)
https://www.youtube.com/watch?v=Ie_nFCL5Hp0
- Lumbar Puncture || Step By Step Procedure || NEJM
<https://www.youtube.com/watch?v=CKLpIDhuJrE>
- Pertussis Testing Video: Collecting a Nasopharyngeal Aspirate Clinical Specimen
<https://www.youtube.com/watch?v=wktn17tjPaE>
- Pertussis Testing Video: Collecting a Nasopharyngeal Swab Clinical Specimen
<https://www.youtube.com/watch?v=zqX56LGItgQ>
- Sample Collection (Throat swabs)

<https://www.youtube.com/watch?v=KJtqyvAstCo>

<https://www.micro.iastate.edu/video/microbiology-003-bacterial-smear-and-simple-stain>

Video Protocol EUCAST 2022 tradus in limba romana

https://www.youtube.com/watch?v=695b27cEHNE&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=2

https://www.youtube.com/watch?v=PWM4-yMk9go&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=3

https://www.youtube.com/watch?v=xpEMYSk4d70&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=4

https://www.youtube.com/watch?v=bf5A2oO7xAc&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=5

https://www.youtube.com/watch?v=ec7cqKAtSqs&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=6

https://www.youtube.com/watch?v=QNwd2IMi_Aw&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=7

https://www.youtube.com/watch?v=SkH-App-zLM&list=PLQU_kWRWBld7QUyiGz7oHh7N-WBQ942Q1&index=8

dintre resursele oferite de CDC:

- despre pneumococ

<https://www.cdc.gov/pneumococcal/about/index.html>

- despre diagnostic

<https://www.cdc.gov/pneumococcal/about/diagnosis-treatment.html>

-despre vaccinare

https://www.cdc.gov/globalhealth/immunization/sis/vacs_detail.htm#Pneumo

- despre o "banca" mondiala de tulpini

https://www.cdc.gov/streplab/pneumococcus/global.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fstreplab%2Fglobal-pneumo-strain-bank.html

Pentru Neisseria gonorrhoeae diagnosticul, aici:

<https://www.cdc.gov/std/gonorrhea/lab/ngon.htm>

Pentru N. meningitidis informatii despre

- patologie

<https://www.cdc.gov/std/gonorrhea/lab/ngon.htm>

- diagnostic

<https://www.cdc.gov/meningococcal/about/diagnosis-treatment.html>

Recomandari OMS privind meningita

https://www.who.int/csr/resources/publications/meningitis/WHO_CDS_CSR_EDC_99_7_EN/en/

Manifestare tuse convulsiva

<https://www.youtube.com/watch?v=S3oZrMGDMMw>

Talking to Parents about HPV Vaccine

<https://www.cdc.gov/hpv/hcp/for-hcp-tipsheet-hpv.pdf>

SAVE LIVES: Clean Your Hands 5 May 2020

<https://www.who.int/infection-prevention/campaigns/clean-hands/5may2020/en/>

Informatii despre Shigella:

- cartea galbena a CDC

<https://wwwnc.cdc.gov/travel/yellowbook/2020/travel-related-infectious-diseases/shigellosis>

- de pe Medscape

<https://emedicine.medscape.com/article/968773-workup#showall>

- riscul de infectie cu Shigella

<https://www.cdc.gov/shigella/infection-sources.html>

- informatii adresate personalului medical

<https://www.cdc.gov/shigella/audience-medical-professionals.html>

- despre diagnostic si tratament

<https://www.cdc.gov/shigella/diagnostictreatment.html>

- Shigella CDC

<https://www.cdc.gov/shigella/index.html>

Informatii despre Salmonella:

- Salmonella CDC

<https://www.cdc.gov/salmonella/general/diagnosis-treatment.html>

- informatii CDC pentru personalul medical

<https://www.cdc.gov/salmonella/general/technical.html>

- febra tifoida si paratifoida

<https://www.cdc.gov/typhoid-fever/index.html>

Informatii despre Pseudomonas:

<https://www.cdc.gov/hai/organisms/pseudomonas.html>

Despre exotoxine si endotoxine

https://www.youtube.com/watch?v=ZLgKo76Nu_8

Despre endotoxine

<https://www.youtube.com/watch?v=TKmSVMwrmwA>

Despre Pseudomonas si E. coli

<https://www.youtube.com/watch?v=rvUQqLlmukY>

Despre Pseudomonas

https://www.youtube.com/watch?v=_K8DZM5b8U0

https://www.youtube.com/watch?v=dS_iWvPmnSA

Despre Shigella

<https://www.youtube.com/watch?v=-vi5Z7gE2cU>

Despre Salmonella

<https://www.youtube.com/watch?v=-SHEV1FN8PU>

<https://www.youtube.com/watch?v=EiKg08WoKPM>

Despre Klebsiella, Enterobacter si Serratia

<https://www.youtube.com/watch?v=IY5KPRc6nj0>

Despre Proteus

https://www.youtube.com/watch?v=j_gDgf0kvWI

Despre Vibrio

<https://www.youtube.com/watch?v=ObxpYoeJkL8>

Streptococii din cavitatea orala:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6287261/>

Despre posibila contaminare microbiologica a protezelor si modul in care polizarea acestora poate duce la raspandirea microorganismelor in laboratorul de tehnica dentara:

http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0103-64402004000200010

Despre modul in care ar putea fi alese diverse materiale pentru proteze dentare, in functie de interactiunea lor cu microorganismele din cavitatea orala.

http://www.gbm.bio.uaic.ro/old_pdfs/2008/4/09_MTatarciuc_etall.pdf

Articole

Transmission of Rabies Virus from an Organ Donor to Four Transplant Recipients

<https://www.nejm.org/doi/full/10.1056/nejmoa043018>

Management of health care workers following occupational exposure to hepatitis B, hepatitis C, and human immunodeficiency virus

<https://www.hkmj.org/abstracts/v22n5/472.htm>

Kiss of Death

<https://www.nejm.org/doi/full/10.1056/nejmcps0806935>

Study on Incidence of Needle Stick Injury and Factors Associated with this Problem among Medical Students

<https://pubmed.ncbi.nlm.nih.gov/14646293/>

Nosocomial Transmission Of Hepatitis C Virus Associated With The Use Of Multidose Saline Vials

<https://pubmed.ncbi.nlm.nih.gov/12602694/>

Health Care–Associated Hepatitis C Virus Infections Attributed to Narcotic Diversion

<https://pubmed.ncbi.nlm.nih.gov/22473434/>

Seroprevalence of anti-HBc, risk factors of occupationally acquired HBV infection and HBV vaccination among hospital staff in Poland: a multicenter study

<https://bmcpublikehealth.biomedcentral.com/articles/10.1186/s12889-019-6628-1>

Occupational HIV Infection in a Research Laboratory With Unknown Mode of Transmission: A Case Report

<https://pubmed.ncbi.nlm.nih.gov/28034885/>

Narcolepsy Following Yellow Fever Vaccination: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4978951/>

Case 25-2003: A Newborn Boy with Petechiae and Thrombocytopenia

<https://www.nejm.org/doi/full/10.1056/nejmcpc030017>

A case of Kawasaki disease presenting with parotitis

<https://journals.lww.com/md->

[journal/Fulltext/2019/05310/A case of Kawasaki disease presenting with.47.aspx](https://journals.lww.com/md-journal/Fulltext/2019/05310/A_case_of_Kawasaki_disease_presenting_with.47.aspx)

Enterobius vermicularis in a 14-year-old girl's eye

<https://pubmed.ncbi.nlm.nih.gov/21956983/>

Placental Cytomegalovirus Infection

<https://pubmed.ncbi.nlm.nih.gov/30500287/>

Transmission of Hepatitis B Virus From an Orthopedic Surgeon With a High Viral Load

<https://pubmed.ncbi.nlm.nih.gov/23074317/>

Case 10-2009: A 23-Year-Old Woman with an Abnormal Papanicolaou Smear

<https://dash.harvard.edu/bitstream/handle/1/40838997/nejmcpc0810837.pdf?sequence=1>

Absence of Detectable HIV-1 Viremia after Treatment Cessation in an Infant

<https://pubmed.ncbi.nlm.nih.gov/24152233/>

Long-Term Control of HIV by CCR5 Delta32/ Delta32 Stem-Cell Transplantation

<https://pubmed.ncbi.nlm.nih.gov/19213682/>

Narcolepsy Following Yellow Fever Vaccination: A Case Report

<https://www.frontiersin.org/articles/10.3389/fneur.2016.00130/full>

Case Report: Acute Transverse Myelitis after Zika Virus Infection

<https://pubmed.ncbi.nlm.nih.gov/30277201/>

First Newborn Baby to Receive Experimental Therapies Survives Ebola Virus Disease

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5583641/>

QTc interval prolongation during favipiravir therapy in an Ebola virus-infected patient

<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0006034>

Pregnancy after mumps: a case report

<https://jmedicalcasereports.biomedcentral.com/articles/10.1186/s13256-019-2271-9>

A case report of HIV-1 superinfection in an HIV controller leading to loss of viremia control: a retrospective of 10 years of follow-up

<https://pubmed.ncbi.nlm.nih.gov/31277590/>

Colonic cytomegalovirus detection by mucosal PCR and antiviral therapy in ulcerative colitis

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0183951>

Placental Cytomegalovirus Infection

<https://meridian.allenpress.com/aplm/article/143/5/639/10029/Placental-Cytomegalovirus-Infection>

Two cases of cytomegalovirus panuveitis in immunocompetent patients

<https://pubmed.ncbi.nlm.nih.gov/29780935/>

The Human Cytomegalovirus, from Oncomodulation to Oncogenesis

<https://pubmed.ncbi.nlm.nih.gov/30081496/>

Association of herpesviruses and stroke: Systematic review and meta-analysis

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6248930/>

Primary Immunodeficiencies Associated with EBV Disease

<https://pubmed.ncbi.nlm.nih.gov/27931829/>

An 11-year-old boy with Plasmodium falciparum malaria and dengue co-infection

<https://pubmed.ncbi.nlm.nih.gov/24692379/>

Case Report: Acute Chagas Disease in a Returning Traveler

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3516071/>

Intraepithelial Giardia Intestinalis: A Case Report and Literature Review

<https://pubmed.ncbi.nlm.nih.gov/25546671/>

An Unusual Case of Entamoeba Histolytica Infection in Miami FL: Case Report and Review of the Literature

<https://scholars.direct/Articles/infectious-diseases/rrid-3-008.php?jid=infectious-diseases>

Hydatid cyst of the foot: a case report

<https://jmedicalcasereports.biomedcentral.com/articles/10.1186/s13256-019-2337-8>

Acanthamoeba keratitis challenges a case report

<https://pubmed.ncbi.nlm.nih.gov/27220232/>

Primary Amebic Meningoencephalitis: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6616161/>

A co-infection case report of Taenia saginata in a patient with subclinical clonorchiasis confirmed by the combination of diagnostic tools

<https://pubmed.ncbi.nlm.nih.gov/30727977/>

Lymphatic Filariasis- A Case Report

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3430665

Lymphatic Filariasis Presenting as a Swelling over the Upper Arm: A Case Report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5920265/>

A Case of Strongyloidiasis: An Immigrant Healthcare Worker Presenting with Fatigue and Weight Loss

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5506470/>

Cardiac Manifestations of Toxocariasis: A Case Report of Löffler Endocarditis and Literature Review

<https://hal.univ-lorraine.fr/hal-01484282>

Toxocara cati larvae in the eye of a child: a case report

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4025287/>

Enterobius vermicularis (pinworm) infestation in a child presenting with symptoms of acute appendicitis: a wriggly tale!

<https://pubmed.ncbi.nlm.nih.gov/28988188/>

Sef disciplina

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