

DEPARTMENT OF MEDICAL MICROBIOLOGY & IMMUNOLOGY**MBCHB-II****MEDICAL MICROBIOLOGY-I****VIROLOGY, BACTERIOLOGY & MYCOLOGY****LECTURES AND PRACTICAL SCHEDULE 2022/2023**

MONDAY	11.00 AM-1.00 PM
WEDNESDAYS	11.00 AM -1.00 PM
FRIDAY	11.00 AM -5.00 PM

VIROLOGY			
Date	Time	Topic	Lecturer
03/10/2022 Monday	11.00-1.00 PM	Introduction to Medical Microbiology	Dr. Masika
05/10/2022 Wednesday	11.00-1.00 PM	Introduction to Virology (History, importance, nature, classification, structure)	Prof. Oyugi
07/10/2022 Friday	11.00-1.00 PM	Virus transmission, Replication and Pathogenesis	Prof. Oyugi
	2.00 – 5.00 PM	Immune Response to Viral Infections	Dr. Muema
10/10/2022 Monday	11.00-1.00 PM	TUTORIAL	ALL
12/10/2022 Wednesday	11.00-1.00 PM	Herpes viruses	Prof. Oyugi
14/10/2022 Friday	11.00-1.00 PM	Human Papillomaviruses	Dr. Muema
	2.00 – 5.00 PM	Laboratory Methods in Virology	Prof. Oyugi
17/10/2022 Monday	11.00-1.00 PM	Picornaviruses (Polio, Rhinoviruses, etc.)	Prof. Oyugi
19/10/2022 Wednesday	11.00-1.00 PM	Rhabdoviruses	Dr. Masika
21/10/2022 Friday	11.00-1.00 PM	Retroviruses and HIV/AIDS	Dr. Muema
	2.00 – 5.00 PM	Virology Methods – Lab Safety	Prof. Oyugi
24/10/2022 Monday	11.00-1.00 PM	Arboviruses (Flaviviruses, Alphaviruses, Reoviruses, Bunyaviruses)	Prof. Oyugi
26/10/2022 Wednesday	11.00-1.00 PM	Rodent-borne & bat-borne viruses (Filoviruses, hantaviruses, arenaviruses)	Prof. Oyugi
28/10/2022 Friday	11.00-1.00 PM	Human Influenza Viruses	Dr. Masika
	2.00 – 5.00 PM	Virology Methods – ELISA, RDTs	Dr. Masika
31/10/2022 Monday	11.00-1.00 PM	Viral Gastroenteritis	Prof. Oyugi

02/11/2022 Wednesday	11.00-1.00 PM	Adenoviruses & Paramyxoviruses (Parainfluenza & RSV)	Prof. Oyugi
04/11/2022 Friday	11.00-1.00 PM	Measles, Mumps & Rubella	Dr. Masika
	2.00 – 5.00 PM	Virology Methods - PCR	Dr. Masika
07/11/2022 Monday	11.00-1.00 PM	Coronaviruses	Dr. Masika
09/11/2022 Wednesday	11.00-1.00 PM	Viral Hepatitis (Enteric hepatitis - A & E)	Prof. Oyugi
11/11/2022 Friday	11.00-1.00 PM	Viral Hepatitis (Serum hepatitis – B, C, D & G)	Prof. Oyugi
	2.00 – 5.00 PM		
15/11/2022 Monday	11.00-1.00 PM	Parvoviruses & Poxviruses	Dr. Masika
16/11/2022 Wednesday	11.00-1.00 PM	Oncogenic Viruses	Prof. Oyugi
18/11/2022 Friday	11.00-1.00 PM	Virology Methods – Sequencing	Dr. Masika
	2.00 – 5.00 PM	Virus Isolation & Cultures	Prof. Oyugi
21/11/2022 Monday	11.00-1.00 PM	Emerging & Reemerging Viral Infections	Dr. Masika
23/11/2022 Wednesday	11.00-1.00 PM	Prion Infections	Dr. Masika
25/11/2022 Friday	11.00-1.00 PM	Bacteriophages	Dr. Masika
	2.00 – 5.00 PM	Virology Methods (Demonstration/video) – Microscopy	Dr. Langat
28/11/2022 Monday	11.00-1.00 PM	Antiviral drugs & Antiretroviral drugs	Dr. Masika
30/11/2022 Wednesday	11.00-1.00 PM	Antiviral Vaccines	Prof. Oyugi
02/12/2022 Friday	11.00-1.00 PM	Virology Methods – Quality Assurance & Quality control	Dr. Masika
	2.00 – 5.00 PM		
05/12/2022 Monday	11.00-1.00 PM	Control of viral Infections	Dr. Gelmon
07/12/2022 Wednesday	11.00-1.00 PM	Revision	ALL
09/12/2022 Friday	11.00-1.00 PM		
	2.00 – 5.00 PM	Virology CAT	Dr. Masika/ ALL
12/12/2022 Monday	11.00-1.00 PM	PUBLIC HOLIDAY	
14/12/2022 Wednesday	11.00-1.00PM	Revision	ALL

BACTERIOLOGY & MYCOLOGY

09/01/2023 Monday	11.00-12.00	Introduction to Bacteriology, Classification of bacteria	Dr. Fibi Odhiambo
	12.00-1.00	Bacterial Anatomy/ Bacterial Physiology	Winnie Mutai
11/01/2023 Wed	11.00-1.00	Bacterial Cell Genetics	Dr. Marianne Mureithi
13/01/2023 Friday	11 -1.00	Infection, Pathogenicity and Virulence	Dr Fibi Odhiambo
	2.00-5.00	PRACTICALS Introduction to practical methods	Dr. Mureithi, Dr Fibi, Technologists: Oloo, Mburugu Musyoki
16/01/2023 Monday	11.00-1.00	Sterilization and Disinfection/Infection Control	Ms. Susan Odera
18/01/2023 Wednesday	11.00-1.00	Normal flora general, Role in health and disease	Dr. Florence Mutua
20/01/2023 Friday	11.00-5.00 pm	PRACTICALS	Dr. Mutua, Ms Odera Technologists: Oloo, Mburugu Musyoki
23/01/2023 Monday	11.00-1.00	Antibacterial Agents/Antimicrobial resistance	Dr. Anne Maina
25/01/2023 Wednesday	11.00-1.00	Antimicrobial Stewardship	Dr. Florence Mutua
27/01/2023 Friday	11.00-5.00	PRACTICALS.....Antibacterial agents	Dr. Mutua, Dr Maina Technologists: Oloo, Mburugu Musyoki
30/01/2023 Monday	11.00-1.00	Staphylococci and Micrococci	Ms. Winnie Mutai
01/02/2023 Wednesday	11.00-1.00	Streptococci	Dr. Marianne Mureithi
03/02/2023 Friday	11.00-5.00	PRACTICALS.....Staphylococci, Streptococci	Dr Mureithi, Ms Mutai Technologists: Oloo, Mburugu Musyoki
06/02/2023 Monday	11.00-1.00	Neisseriaceae	Ms. Susan Odera
08/02/2023 Wednesday	11.00-1.00	Corynebacteria <i>C. diphtheria</i> <i>B. anthracis</i> and <i>anthracoides</i>	Dr. Fibi Odhiambo

10/02/2023 Friday	11.00-5.00	PRACTICALS.....Corynebacterium, Bacillus	Ms Odera, Dr Odhiambo Technologists: Oloo, Mburugu Musyoki
13/02/2023 Monday	11.00-1.00	Anaerobic culture techniques Clostridia I: Gas gangrene Clostridia II: Botulism, Tetanus Pseudomembranous colitis	Dr. Fibi Odhiambo
15/02/2023 Wednesday	11.00-1.00	Bacteroides and other gram negative anaerobes	Dr. Fibi Odhiambo
17/02/2023 Friday		PRACTICALS..... Anaerobic culture techniques, Clostridia, Bacteroides	Dr Odhiambo Technologists: Oloo, Mburugu Musyoki
20/02/2023 Monday	11.00-1.00	Enterobacteriaceae: General Introduction Citrobacter Klebsiella Proteus E. coli	Ms. Winnie Mutai
22/02/2023 Wednesday	11.00-1.00	Salmonella Shigella Pseudomonas Legionella Other non-lactose fermenters	Ms. Susan Odera
24/02/2023 Friday	11.00-5.00	PRACTICALS Enterobacteriaceae, Salmonella, Shigella, Pseudomonas.....	Ms Odera, Ms Mutai Technologists: Oloo, Mburugu Musyoki
27/02/2023 Monday	11.00-1.00	Vibrios: <i>V. cholerae</i> Other Vibrios, Aeromonas, Campylobacter, Helicobacter	Ms. Winnie Mutai
01/03/2023 Wednesday	11.00-1.00	Haemophilus, Bordetella, Brucella	Dr. Florence Mutua
03/03/2023 Friday	11.00-5.00	PRACTICALS Vibrio, Campylobacter, Helicobacter	Dr Mutua, Ms Mutai Technologists: Oloo, Mburugu Musyoki
06/03/2023 Monday	11.00-1.00	Yersinia Pasteurella Francisella	Dr. Marianne Mureithi
08/03/2023 Wednesday	11.00-1.00	Mycobacteria: general <i>Myco. tuberculosis</i> & <i>Myco. leprae</i> Atypical mycobacteria	Dr. Florence Mutua
10/03/2023 Friday	11.00-5.00	PRACTICALS..... Haemophilus, Bordetella, Brucella, Yersinia, Pasteurella, Francisella, Mycobacteria,	Dr Mutua, Dr Mureithi Technologists: Oloo, Mburugu Musyoki
13/03/2023 Monday	11.00-1.00	Actinomycetes	Dr. Anne Maina

15/03/2023 Wednesday	11.00-1.00	Spirochaetes: General Introduction Treponema	Dr. Fibi Odhiambo
17/03/2023 Friday	11.00-5.00	PRACTICALS. <i>Actinomycetes, Treponema,</i>	Dr Odhiambo, Dr Maina Technologists: Oloo, Mburugu Musyoki
20/03/2023 Monday	11.00-1.00	Borrelia Leptospira	Dr. Fibi Odhiambo
22/03/2023 Wednesday	11.00-1.00	Chlamydia and Mycoplasmas	Ms. Susan Odera
24/03/2023 Friday	11.00-5.00	PRACTICAL: <i>Borrelia, Leptospira, Chlamydia, Mycoplasmas</i>	Dr Odhiambo, Ms Odera Technologists: Oloo, Mburugu Musyoki
27/03/2023 Monday	11.00-1.00	Rickettsiae	Dr. Anne Maina
29/03/2023 Wednesday	11.00-1.00	TUTORIAL & REVISION	Dr Odhiambo, Dr Mutua, Dr Mureithi, Dr Maina, Ms Odera, Ms Mutai
31/03/2023 Friday	2.00-5.00	BACTERIOLOGY CAT	Dr Maina
MYCOLOGY			
03/04/2023 Monday	11.00-1.00	Introduction to mycology; antifungal agents	Dr. Anne Maina
05/04/2023 Wednesday	11.00-1.00	Superficial mycoses	Dr. Florence Mureithi
07/04/2023 Friday		EASTER	
10/04/2023		EASTER	
17/04/2023 Monday	11.00-1.00	Yeasts	Ms. Winnie Mutai
19/04/2023 Wednesday	11.00-1.00	Subcutaneous mycoses	Ms. Susan Odera
21/04/2023 Friday	11.00-5.00	PRACTICALS: <i>Rickettsiae, Common fungal contaminants, Superficial mycoses</i>	Dr Maina, Dr Mureithi, Technologists: Oloo, Mburugu Musyoki
24/04/2023 Monday	11.00-1.00	Systemic mycoses: Aspergillus & Opportunistic fungal infections	Dr. Fibi Odhiambo

26/04/2023 Wednesday	11.00-1.00	Antifungal agents	Dr. Florence Mutua
28/04/2023 Friday	11.00-5.00	PRACTICALS... Yeasts, Subcutaneous mycoses, Systemic Mycoses	Ms Odera, Ms Mutai, Dr Odhiambo Technologists: Oloo, Mburugu Musyoki
01/05/2023		LABOUR DAY	
03/05/2023 Wednesday	11.00-1.00	Public Health Microbiology: General Water Sewage	Ms. Susan Odera
05/05/2023 Friday	11.00-5.00	PRACTICALS...., Public Health microbiology (water)	Dr Odhiambo, Dr Maina Technologists: Oloo, Mburugu Musyoki
08/05/2023 Monday	11.00-1.00	Public Health Microbiology: Food and Food poisoning	Ms. Winnie Mutai
10/05/2023 Wednesday	11.00-1.00	Stool Microbiology	Ms. Winnie Mutai
12/05/2023 Friday	11.00-5.00	PRACTICALS... Public Health microbiology(food)& Stool Microbiology	Ms Winnie Mutai Technologists: Oloo, Mburugu Musyoki
15/05/2023 Monday	11.00-1.00	Urine Microbiology	Ms. Susan Odera
17/05/2023 Wednesday	11.00-1.00	Septicemia P.U.O. Endocarditis Blood cultures	Dr. Fibi Odhiambo
19/05/2023 Friday	11.00-5.00	Practicals..... Urine Microbiology, Blood cultures	Dr Odhiambo, Ms Odera Technologists: Oloo, Mburugu Musyoki
22/05/2023 Monday	11.00-1.00	Meningitis	Dr. Florence Mutua
24/05/2023 Wednesday	11.00-1.00	Genital tract infections	Dr. Anne Maina
26/05/2023 Friday	11.00-5.00	PRACTICALS... Examination of CSF and other body fluids, Genital tract microbiology,	Dr Mutua and Dr Maina Technologists: Oloo, Mburugu Musyoki
29/05/2023 Monday	11.00-1.00	Wound infections	Winnie Mutai
31/05/2023 Wednesday	11.00-1.00	Respiratory tract Infections	Dr. Marianne Mureithi
02/06/2023 Friday	11.00-5.00	PRACTICALS...Wound infections, Respiratory Tract Infections	Ms Mutai and Dr Mureithi Technologists: Oloo, Mburugu Musyoki

05/06/2022 Monday	11.00-1.00	TUTORIAL and REVISION	Dr Masika, Dr Maina ALL
07/06/2022 Wednesday	11.00-5.00	MICROBIOLOGY-I COMBINED CAT	Dr Maina, Dr Masika
09/06/2022 Friday	11.00-5.00	TUTORIAL and REVISION	Dr Masika, Dr Maina ALL

Virology CAT

- Dr. Masika to coordinate

Bacteriology/Mycology CAT

- Dr. Maina to coordinate

Combined Microbiology MCQ CAT

- Dr Maina and Dr Masika to coordinate



Approved for circulation: Dr. Marianne W. Mureithi

14th September 2022

Chairman Department of Medical Microbiology & Immunology