



Indian Association of Medical Microbiologists (IAMM) PG Assembly- 2022

East Zone center: Tata Medical Center, Kolkata, India

www.tmckolkata.com

Dates: 11-13 October 2022

Venue: Board room/Microbiology Lab/ Nursing Seminar Room

Day 1 (Tuesday: 11th October 2022)		
Time	Topic	Faculty
09:00 AM	Introduction to the course	Dr. Sanjay Bhattacharya
09:30 AM	Rapid Microbiology (MALDI-TOF; multiplex PCR)	Dr. Gaurav Goel
10:00 AM	Optimizing blood culture practices (blood volume, paired culture (anaerobic culture), workflow - time to load, contamination rate etc	Dr. Anish John
10:30 AM	Management of sepsis and role of biomarkers (PCT, CRP)	Dr. Sudipta Mukherjee
11 AM	Next Generation Sequencing in Clinical Microbiology and Microbiome study	Dr. Parijat Das
11:30 AM	Demonstration of BacT/ALERT®	Dr. Rasika Deshmukh
12 noon	Demonstration of Serology systems: VIDAS®, random access analyzers, batch analyzers	Mr. Rajkumar Mahto
1 PM to 2 PM	Lunch break	
2 PM	Pre-analytical/ analytical/ post-analytical) affecting patient care	Dr. Aswathy
2:30 PM	Broth Micro-Dilution (BMD) test	Mr. Rajkumar Mahto
3 PM	Beta-D glucan in Clinical Mycology	Dr. Sanjay Bhattacharya
3:30 PM to 5:30 PM	Rapid ID with PCR- MRSA, VRE	Dr. Parijat Das
	Rapid ID with PCR- Carba	Mr. Soumik Pal and Ms. Simran Malik



	Rapid ID with PCR- Carba	Ms. Suchandrima Biswas and Mr. Rohit Sorkhel
	Demonstration of VITEK	Mr. Sukdev Mukherjee
	ID by DNA Sequencing- bacteria, fungus, mycobacteria	Dr. Parijat Das
	PCR and PCR systems for the Diagnosis of Infectious Diseases	Dr. Sudipto Mandal
5-6 PM	Lab demonstration	
Day 2 (Wednesday: 12th October 2022)		
	Clinical Microbiology Aspects	
9 AM	Importance of staining; Interpretation of AST Report (basics of MIC); Importance of MIC, Managing expert systems comments in AST reports	Dr. Gaurav Goel
9:30 AM	Interpretation of antibiograms: Gram Positive, Gram Negative	Dr. Gaurav Goel
10 AM	Principles of Antimicrobial Therapy	Dr. Soumyadip Chatterji
10:30 AM	Clinical microbiology at bedside - case based discussion	Dr. Gaurav Goel
	QC	
11:30 AM to 1 PM	Biosafety	Ms. Srabanti Bose
	QC Essentials in Bacteriology	Mr. Sukdev Mukherjee
	QC in Molecular Virology	Dr. Sudipto Mandal
	QC in Serology	Mr. Rajkumar Mahto
	QC in Mycobacteriology	Ms. Sayani Das
	QC in Mycology	Mr. Krishnendu Das
	QC in Parasitology	Mr. Sukdev Mukherjee
1 PM	Lunch Break (Post lunch lectures in Nursing Seminar Room)	
2 PM	Research methods for clinical microbiologists - group activity & interactive session	Dr. Sanjay Bhattacharya
3 PM	Cases in Infectious Diseases	Dr. Soumyadip Chatterji



4 PM	Sterilization and Disinfection in CSSD: Autoclave, Ethylene Oxide, Plasma Sterilizers	Mr. Debabrata Basu
5 PM	Air and water quality assessment for the prevention of health care associated infections	Mr. Satyam Mukherjee
5-6 PM	Lab demonstration	
Day 3 (Thursday: 13th October 2022)		
08:30 AM	Essentials of infection control for clinical microbiologist: Structure, Process and Outcome measurement in Infection Control	Dr. Gaurav Goel
9 AM	Health care Associated Infection Surveillance	Ms. Maitrayee Sarkar De; Mr. Satyam Mukherjee
09:30 AM	Infection Control in Critical Care Unit	Ms. Sananda Chakraborty
11 AM	Outbreak Management	Dr. Gaurav Goel
11:30 AM	Management of Needle Stick Injury and Splash Exposure	Dr. Sonal Dalvi Mitra
12:15 PM	Medical Ethics	Dr. Tanuj Chawla
1 PM	Lunch Break	
2 PM	Clinical diagnosis of Tuberculosis	Dr. Arindam Mukherjee
2:30 PM to 4:30 PM	Lab Diagnosis of TB	Ms. Sayani Das
	Lab Diagnosis of Fungal Infections	Mr. Krishnendu Das
	Lab Diagnosis of Viral Infections	Dr. Sudipto Mandal
4:30PM	Communication Skills for a Clinical Microbiologist	Dr. Sanjay Bhattacharya
5 PM	Concluding Session and certificate distribution	
5:30-6 PM	Lab demonstration	



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Course coordinator:

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