

DR. SHEETAL SADASHIV BANKAR

Senior Consultant - Lab & Bb-microbiology

Qualification

MBBS | MD (Microbiology) | DNB (Microbiology)

Overview

Dr. Sheetal Sadashiv Bankar is a Senior Consultant in Microbiology at Bhagwan Mahavir Manipal Hospitals, Ranchi, specializing in infection control, microbiological diagnostics, and epidemiology. With an MBBS, MD (Microbiology), and DNB (Microbiology), she brings extensive expertise in clinical microbiology, antimicrobial resistance, hospital-acquired infections, and quality management systems. Recognized for her contributions to healthcare, she received a Certificate of Appreciation for her work at the SKIN BANK at LTMMC, Sion, showcasing her dedication to advancing microbiological research and infection control strategies. Dr. Bankar is a Certified Infection Control Specialist (CIC), accredited by the Certification Board of Infection Control and Epidemiology (CBIC), USA, a prestigious qualification that highlights her expertise in hospital infection prevention and disease surveillance. She has also completed a Certificate Program in Hospital Infection Control, further solidifying her knowledge in implementing and monitoring infection control protocols. Her training includes the Infectious Diseases Certificate Course (IDCC) – Mumbai, focusing on diagnosis, treatment, and prevention of infectious diseases, along with

the Tuberculosis Airborne Infection Control Course, equipping her to combat airborne infections in hospital and community settings. Beyond clinical microbiology, Dr. Bankar has undergone Internal Audit and Quality Management Systems training, ensuring compliance with global healthcare standards and best practices. Her expertise extends to public health infection control, reinforced through STVRTI training for doctors, enabling her to develop and execute robust infection prevention programs in healthcare facilities. Passionate about virology, she has also participated in Viro Vitals: Annual Course in Virology, keeping her updated on advancements in viral diagnostics, emerging infectious diseases, and outbreak management.

Fellowship & Membership

- Life member of Indian Association of Medical Microbiologists (LAMM)
- Life member of Indian Academy of Tropical Parasitology (LATP)
- Member of European Society of Clinical Microbiology and Infectious Diseases (ESCMID)
- Member of International Society of Infectious Diseases (ISID)
- Member of Indian Society of Critical Care Medicine (ISCCM)
- Life Member of Hospital Infection Society-India.

Languages Spoken

- English
- Hindi

Awards & Achievements

- Honoured with Certificate of Appreciation for working in the SKIN BANK at LTMMC, Sion.

- Certified in Infection Control and Prevention (CIC) by Certification Board of Infection Control and Epidemiology (CBIC), USA
- Certificate Program in Hospital Infection Control
- Infectious Diseases Certificate Course (IDCC) – Mumbai
- Tuberculosis Airborne Infection Control Course
- Internal Audit and Quality Management Systems
- STVRTI training for Doctors in Public Health Setup
- Viro Vitals: Annual Course in Virology

Talks & Publications

- Actinomyces viscosus from blood culture: A rare case. International Journal of Basic and Applied Medical Sciences 2011 Vol. 1 (1) September-December 156-160.
- Cutaneous zygomycosis due to Saksenaea vasiformis in a patient with paraparesis, burns, and pressure ulcer. The Internet Journal of Infectious Diseases. 2012 Volume 10 Number 1.
- Study of ascitic fluid for diagnosis of Spontaneous Bacterial Peritonitis (SBP) in adult patients with Cirrhosis. International Journal of Medical and Applied Sciences. Vol. 3, Issue 1, 2014.
- Comparison of three culture methods for diagnosis of Spontaneous Bacterial Peritonitis (SBP) in adult patients with cirrhosis. International Journal of Current Microbiology and Applied Sciences. 2014 3(7).
- Rapidly growing Mycobacterium: A cause of post-operative wound infection following a surgical procedure. International Journal of Biomedical and Advanced Research. 2016, Vol 7, No 11, 555-557.
- Detection of ofloxacin resistance by nitrate reductase assay in Mycobacterium tuberculosis isolates from extrapulmonary

tuberculosis. Indian Journal of Medical Microbiology, 2017, vol 35, Issue 1, pg-69-73.

- Identification of Highly Expressed Plasmodium Vivax Proteins from Clinical Isolates Using Proteomics. Proteomics: Clinical Applications, 2017, Published online 15th Sep, 2017.
- Performance of Xpert MTB/RIF for detection of Mycobacterium tuberculosis and rifampicin resistance in pus aspirates. Indian Journal of Tuberculosis, 2019, vol 66, Issue 4, pg-433-436.
- Diagnostic accuracy of Xpert MTB/RIF assay in extrapulmonary tuberculosis. Indian Journal of Medical Microbiology, 2018, vol 36, Issue 3, pg-357-363.
- Comprehensive proteomics investigation of P. vivax-infected human plasma and parasite isolates. BMC Infectious Diseases, 2020 Mar 2;20(1):188.
- Pulmonary cystic echinococcosis: A case report from a tertiary care hospital. Tropical Parasitology, 2020 Jul - Dec, vol 2, Issue 2, Pg-163.