



RESMY SAJIN

Microbiologist | Biotechnology Specialist

Microbiologist with over seven years of hands-on experience in hospital and diagnostic laboratory settings. Holds a Master's degree in Biotechnology and a Bachelor's degree in Microbiology. Skilled in infection control, quality improvement, laboratory management systems, and food safety protocols. Experienced in staff training, workflow coordination, and diagnostic testing across clinical microbiology. Strong analytical abilities combined with a collaborative approach to achieving laboratory and patient care goals.

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🔗 LinkedIn

CORE COMPETENCIES

Antimicrobial Stewardship and Antibigram Preparation Clinical Microbiology and Diagnostic Testing Laboratory Management Systems
Food Safety Management Systems Staff Training and Workshop Facilitation Outbreak Investigation and Reporting Specimen Collection
Infection Control and Surveillance Quality Improvement and Quality Control Aseptic Procedures and Hygiene Practices Processing

WORK EXPERIENCE

Microbiologist

Lords Hospital

July 2009 – April 2013 & March 2016 – September 2016

Trivandrum, Kerala, India

- Organized laboratory workflow and managed daily operations of the microbiology department to ensure efficient service delivery.
- Prepared and updated antibiograms for intensive care units and assisted in framing hospital antibiotic policies.
- Conducted periodic surveillance and outbreak investigations across hospital wards, operation theatres, and intensive care units as a member of the Infection Control Committee.
- Reported nosocomial infections to the infection control department and maintained accurate documentation.
- Performed urine culture, exudates culture, blood culture, antimicrobial susceptibility testing, WIDAL, and ELISA tests for Dengue and Leptospira.
- Conducted microscopic observation and reporting of Gram stain, AFB stain, and fungal smears.
- Trained laboratory staff and healthcare personnel on aseptic procedures, hand hygiene, and laboratory workflow.
- Organized healthcare awareness days and coordinated poster presentations and group activities for staff and patient relatives.

Microbiologist

Meditech Speciality Diagnostic Centre

June 2013 – February 2016

Attingal, Kerala, India

- Performed qualitative and quantitative chemical analyses of body fluids and exudates for diagnostic purposes.
- Conducted isolation and identification of microorganisms to support accurate diagnosis and treatment of diseases.
- Calibrated and maintained manual and computer-controlled analyzers, spectrophotometers, and other laboratory equipment.
- Ensured compliance with quality control criteria and adhered to established laboratory policies for handling hazardous substances.
- Followed testing procedures and policies while performing routine and specialized tests.
- Identified sources and nature of test problems and made appropriate recommendations for corrective action.
- Supported continuous quality improvement and customer service goals by maintaining a productive work environment.
- Collaborated with colleagues to deliver high-quality care services to patients, families, and co-workers.

EDUCATION

Master Degree in Biotechnology

Bharathidasan University, India | April 2008

Bachelor Degree in Microbiology

University of Kannur, Kerala, India | April 2006

PROFESSIONAL SKILLS

- Microbiological culture, isolation, and identification techniques
- Antimicrobial susceptibility testing (Disc diffusion method)
- Serological testing including WIDAL, ELISA, and rapid diagnostic methods
- Microscopic examination and reporting (Gram stain, AFB stain, fungal smear)
- Laboratory equipment calibration and maintenance
- Inventory management and workflow optimization
- Compliance with laboratory safety and hazardous substance handling protocols
- Data documentation and reporting within turnaround time
- Interdepartmental coordination and committee participation
- Healthcare awareness program organization

LANGUAGES

- English
- Hindi
- Tamil
- Malayalam

PERSONAL INFORMATION

- **Nationality:** Indian
- **Date of Birth:** 10 August 1985
- **Marital Status:** Married
- **Passport Number:** Y5717343
- **Visa Status:** On Husband Visa

REFERENCES

- References will be available upon request.