



Dr. NISCHAL P.M., Ph.D.

Senior Medical Microbiologist | Healthcare Professional | Professor | Academician | Administrator | Medical Communications Expert



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DATE OF BIRTH

13-09-1970

CORE COMPETENCIES

Experience with NABL/ISO 15189 compliance audits, EQA program implementation, internal audits, and CAP accreditation standards

Stakeholder & Investor Relations

Research & Evidence-Based Policy

Team Development & Mentorship

Risk Management & Regulatory Affairs

Proficient in technologies such as Vitek 2, BACTEC blood culture technology, anaerobic culture, TB culture/CBNAAT, fungal diagnostics, and serology platforms

Professional Summary

Clinical Microbiologist with a Ph.D. in Medical Microbiology and 25+ years of experience in the healthcare industry, specializing in diagnostic microbiology, infection control, and laboratory operations.

As the former Head of the Clinical Microbiology Department at leading oncology and tertiary care hospitals, I developed comprehensive diagnostic protocols and quality assurance frameworks. These significantly improved patient care, maintaining the highest safety standards for both patients and staff.

My approach to infection prevention has consistently improved clinical outcomes. Additionally, I've focused on building collaborative relationships with clinical teams, streamlining laboratory workflows, and developing talent within healthcare organizations.

Professor Medical Microbiology | Principal, Heritage City Institute of Allied Health Sciences | Mysore, India

February 2024 - Present

Responsible for teaching medical microbiology, immunology, and infection control to students of allied health sciences, physiotherapy, and nursing

Established partnerships with leading hospitals to provide students with hands-on clinical exposure.

Spearhead institutional governance, compliance, and academic leadership for a leading health care institute.

Establish industry-academic partnerships, securing high-value collaborations with hospitals for student placements.

Drive accreditation and regulatory adherence, ensuring compliance with national education and health care standards.

Lead faculty and student development programs, enhancing career readiness and professional competency.

Strategic Advisor, Archiradhi Communications | Mysore, India

January 2014 - Present

Built and scaled a global medical communications firm, serving clients across the globe.

Provide strategic guidance on regulatory documentation, market entry strategies, and corporate compliance.

Advise global clients on scientific communications and regulatory documentation.

News Writer, The National Medical Journal of India | Mysore, India

January 2014 - Present

Responsible for conceptualizing, writing, and delivering impactful news items that are informative and engaging.

Meticulously fact-check information and sources to maintain the highest standards of journalistic integrity.

Adhere diligently to NMJI's editorial guidelines, style manuals, and policies, maintaining consistency and quality across all news items.

Assistant Editor, The Indian Journal of Cancer | Bangalore, India

April 2018 - May 2019

Extensively contributed to the refinement of articles, provided valuable feedback, and shaped content to meet IJC's objectives.

Conducted comprehensive reviews of submitted articles, focusing on grammar, punctuation, spelling, syntax, and overall accuracy.

Elevated the quality of articles by refining readability, coherence, and ensuring they met the intended objectives.

Founder and Facilitator, Sai Wordplay (Franchise of E-Blocks) | Bangalore, India

January 2014 - December 2017

Established and managed a franchise dedicated to teaching English as a Second Language to children between the ages of 4-14 years.

Implemented brand awareness campaigns through emails, posters, and public outreach programs.

Used innovative methods to facilitate hands-on training and intellectual engagement, ensuring effective language acquisition and communication skills.

Head, Department of Clinical Microbiology, Sri Shankara Cancer Hospital & Research Centre | Bangalore, India

February 2013 - January 2014

Oversaw a specialised oncology microbiology unit, processing over 30,000 oncology and hematology specimens a year with a focus on bloodstream infections, neutropenic fever workups, and fungal diagnosis.

Implemented serology and advanced fungal identification techniques that significantly enhanced early detection of invasive fungal infections.

Served as liaison for oncology clinicians in multidisciplinary tumor boards, to inform and improve the unit's targeted antimicrobial therapy strategies.

Oversaw internal and external quality assurance with a more than 95% pass rate.

Actively participated as a clinical liaison and provided antimicrobial stewardship support with involvement in ward rounds and antimicrobial audits.

Provided staff training and continuing medical education programs leading to improved compliance with biosafety protocols (BSL-2/3) and laboratory standards.

Head, Department of Clinical Microbiology, Rangadore Memorial Hospital | Bangalore, India

January 2010 - January 2013

Effectively managed the team, handling 20,000+ samples each year, covering areas like bacteriology, mycology, serology, and molecular tests.

Implemented automated systems that helped reduce the turnaround time for positive cultures by over 30%.

Supervised a team of laboratory technologists, ensuring their competency through regular training and CME sessions.

Played an active role in Infection Control and AMS Committees, where I was responsible for guiding ICU, oncology, and transplant units on the latest resistant organisms and infection trends.

Brought in molecular diagnostics and fungal culture, thus improving the detection rates in immunocompromised patients.

EDUCATION

Doctor of Philosophy (Ph.D.) Medical Microbiology St. John's Medical College | Bangalore, India 1994 - 1999

Master of Science (M.Sc.) Medical Microbiology, Human Anatomy, Physiology, Biochemistry Kasturba Medical College | Mangalore, India 1991 - 1994

Bachelor of Science (B.Sc.) Microbiology, Chemistry, Zoology
St. Joseph's College of Arts & Science | Bangalore, India 1988 - 1991