

# **CURRICULUM VITAE**

**Dr Harshani THABREW**

**Diploma in Medical Microbiology, MD in Medical Microbiology**

**01.04. 2020**

## PERSONAL DETAILS

**Name:** THABREW  
Harshani

**Date of birth:** 26<sup>th</sup> September 1982

**Nationality:** Sri Lankan

**Gender:** Female

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## QUALIFICATIONS

Title of qualification	Specialty (if relevant)	Date obtained	Awarding body	Country
MD	Medical Microbiology	01.12.2017	Post Graduate Institute of Medicine, University of Colombo	Sri Lanka
Post Graduate Diploma	Medical Microbiology	01.01.2015	Post Graduate Institute of Medicine, University of Colombo	Sri Lanka
MBBS	Primary degree	21.04.2008	Faculty of Medicine, University of Ruhuna	Sri Lanka

## Posts Held

### Current/most recent appointment

<b>Start date (and finish date if relevant)</b>	<b>Job title and specialty</b>	<b>Full time or part time</b>	<b>Name and address of institution/hospital</b>	<b>Description of duties</b>
04.12.2019 to date	Lecturer in Microbiology	Full time	Department of Medical Microbiology, Faculty of Medicine, University of Ruhuna, Galle.	Conducting lectures, practical sessions, tutorials, examinations on Microbiology for Medical students and Medical Laboratory Sciences degree students. Overlooking the work of the Mycology laboratory of the department in view on establishing new tests and to improve fungal diagnostics. Involved in the management of in-ward referred patients with fungal infections. Initiating research on foot mycoses in school children in the Southern province of Sri Lanka. Participated in workshop for curriculum revision at the Faculty.

### Previous appointments

<b>Start date (and finish date if relevant)</b>	<b>Job title and specialty</b>	<b>Full time or part time</b>	<b>Name and address of institution/hospital</b>	<b>Description of duties</b>
04.08.2019 (03.12.2019)	Senior Registrar in Medical Mycology	Full time	Department of Medical Mycology, Medical Research Institute, Colombo 8.	Conducted a study on Chromoblastomycosis isolates on "Chromoblastomycosis in Sri Lanka; causative agents and in vitro susceptibility

				<p>test results”.</p> <p>Recovered stored isolates from -80 freezer and sub-cultured twice on potato dextrose agar. Performed slide culture for identification of the isolates. Prepared RPMI agar for antifungal sensitivity testing and tested for sensitivity using E test strips for voriconazole, itraconazole, posaconazole and amphotericin B. Analysis of the results to identify the MIC 50 and 90 and writing the dissertation.</p>
04.06.2019 (03.08.2019)	Senior Registrar in Medical Mycology	Full time	National Institute for Nephrology, Dialysis and Transplantation, Maligawatta.	<p>Involved in the management of patients with renal compromise and renal transplantations presenting with fungal infections including management of patients in the ICU.</p> <p>Conducted presentations as an educational session for Medical officers and staff on fungal infections emphasizing on the infection control aspects and proper and timely management of patients with invasive fungal infections.</p> <p>Clinical discussions and presentations on invasive Aspergillosis, CNS fungal infections, Conidiobolomycosis, Mycotoxin in relation to development of CKD in Sri Lanka.</p> <p>Prepared a guide for specimen collection and transport for fungal studies to be utilized at the centre.</p>
04.05.2019 (03.06.2019)	Senior registrar in Medical Mycology	Full time	Department of Immunology, Medical Research Institute, Colombo 8.	Involved in the management of patients with immunological disorders seen at the immunology clinic at the Medical Research Institute. Participated in the management, clinical discussions and ward visits of patients with immune deficiencies including

				<p>SCID, chronic granulomatous disease, Chronic mucocutaneous Candidiasis, Hyper IgE syndrome, at the Lady Ridgway Hospital for Children and the National Hospital of Sri Lanka.</p> <p>Presentations done on immune deficiencies and fungal infections including chronic mucocutaneous Candidiasis, Deep dermatophytosis, Chronic granulomatous disease and other primary immune deficiencies, ABPA and other fungal allergies, adult onset immune deficiency due to auto AB to interferon. Discussions on the importance of immunological investigations on patients with different types of fungal infections including histoplasma infections.</p>
04.03.2019 (18.03.2019)	Senior registrar in Medical Mycology	2 to 4 pm (2 weeks)	Department of Pathology, National Hospital of Sri Lanka	<p>Involved in the case discussions of patients with superficial, subcutaneous and deep invasive fungal infections. Discussed the significance of the histopathological findings.</p> <p>Correlated the findings of the histopathology laboratory with the fungal cultures and direct microscopy and discussed the management of the patients with the attending clinicians.</p>
04.03.2019 (03.05.2019)	Senior registrar in Medical Mycology	Full time	Dermatology unit, National Hospital of Sri Lanka	<p>Involved in the management of in ward and clinic patients with superficial and subcutaneous fungal infections including dermatophytosis, mycetoma and chromoblastomycosis etc. Advised on specimen collection, processed specimens in the unit for direct microscopy. Discussed and managed patients with complicated dermatophytosis and patients with poor</p>

				<p>response to therapy.</p> <p>Participated in the joint case discussions of important dermatological patients with the Dermatology and pathology teams.</p> <p>Prepared a handout to improve compliance with therapy, to be given to patients with severe dermatophytosis.</p> <p>Participated in the weekly case discussions and presentations at the unit.</p>
04.01.2019 (03.03.2019)	Senior Registrar in Medical Mycology	Full time	National Cancer Hospital, Maharagama, Sri Lanka	<p>Involved in the management of adult and paediatric patients with cancer especially patients with fungal infections.</p> <p>Advised regarding specimen collection, transport, antimicrobial management of patients undergoing chemotherapy, radiotherapy and autologous bone marrow transplantation including patients with neutropaenic sepsis and critically ill patients in the ICU.</p>
04.12.2018 (03.01.2019)	Senior Registrar in Medical Mycology	Full time	Central Chest Clinic, Borella, Sri Lanka	<p>Involved in management of patients with respiratory problems which included patients fungal infections, fungal allergic disease.</p> <p>Observed bronchoscopy of patients with suspected fungal infection, advised on the specimen collection, transport and antimicrobial management of patients with respiratory problems</p> <p>Advised regarding infection control issues observed in the bronchoscopy unit and took remedial action</p> <p>Conducted an audit on filling of request forms sent for fungal studies from patients undergoing bronchoscopy</p>
04.12.2017	Senior Registrar in	Full time	Department of Mycology,	Bench trained in processing of samples

(03.12.2018)	Medical Mycology		Medical Research Institute, Colombo, Sri Lanka.	<p>received for fungal studies, validated reports, informed important/ urgent results to attending doctors in the wards, advised on management of patients with fungal infections on collection of samples, antifungal treatment etc</p> <p>Conducted research to improve fungal diagnostics, antifungal sensitivity studies</p> <p>Participated in external quality control program by identifying the specimens sent from the WHO regional reference lab.</p> <p>Taught undergraduate medical and paramedical students and post graduate microbiology, dermatology, venereology students</p> <p>Prepared a Standard operating procedure for Biosafety committee of the MRI on disinfection of laboratory environment and management of spills.</p>
12.11.2017 (03.12.2017)	Lecturer in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka	<p>Conducted lectures, practical sessions, tutorials for under graduate medical students and post graduate students.</p> <p>Conducted research in the field of Microbiology</p> <p>Supervised Microbiology services of the Department which include processing of samples received for bacteriology, tuberculosis, and mycology</p> <p>Participated in other administrative duties of the University allocated by the Head of Department</p>
01.07.2017 (11.11.2017)	Registrar in Medical Microbiology	Full time	National Cancer Hospital, Maharagama, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informed important and urgent results to attending doctors in the ward, advised on the specimen collection procedures, antibiotic</p>

				<p>management, infection control aspects in patients with cancer in clinics, in ward and ICU.</p> <p>Conducted quality control procedures and took remedial action to improve results</p> <p>Attended infection control issues of the hospital.</p> <p>Observed management of radioactive waste and other infectious waste</p>
01.04.2017 (30.06.2017)	Registrar in Medical Microbiology	Full time	Lady Ridgeway Special Hospital For Children, Borella, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informed important and urgent results to attending doctors in the ward, advised on the specimen collection procedures, antibiotic management, infection control aspects in Paediatric patients in clinics, in ward and ICU.</p> <p>Conducted quality control procedures and took remedial action to improve results</p> <p>Attended infection control issues of the hospital which included central line infection, dialysis catheter infection</p>
01.10.2016 (31.03.2017)	Registrar in Medical Microbiology	Full time	Colombo South Teaching Hospital, Kalubowila, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informed important and urgent results to attending doctors in the ward, advised on the specimen collection procedures, antibiotic management, infection control aspects in clinic, in ward and ICU patients of all specialities including paediatrics, surgical, cancer patients, renal transplant patients etc.</p> <p>Attended infection control issues of the hospital and routinely attending maternal morbidity mortality meetings and discussing issues with infection in</p>



				<p>neonates.</p> <p>Attended case discussions with the Consultant radiologist and trained in interpretation of Chest X rays.</p>
01.04.2016 (30.09.2016)	Registrar in Medical Microbiology	Full time	Sri Jayewardenapura General Hospital, Kotte, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informed important and urgent results to attending doctors in the ward, advised on the specimen collection procedures, antibiotic management, infection control aspects in clinic, in ward and ICU patients of all specialities including paediatrics, surgical, cancer patients, renal transplant patients etc.</p> <p>Conducted quality control procedures and taking remedial precautions to improve results</p> <p>Attended infection control issues of the hospital which included preparing a guideline for scabies prevention in the hospital, hand hygiene audits, clinical audits in the CT ICU</p>
01.12.2015 (31.03.2016)	Registrar in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Ruhuna, Karapitiya, Sri Lanka	<p>Worked on the dissertation "Determinants and Characteristics of Candida colonization among patients admitted to Intensive Care Units of Teaching Hospital Karapitiya".</p> <p>Specimens were collected from ICU patients, processed samples and identified Candida isolates and performed AFST by CLSI method.</p> <p>Analysed results to identify the number of colonized patients, colonized sites, colonized isolates and identified the Candida colonization index, Candida score to predict Candidaemia in ICU patients.</p>

13.11.2015 (30.11.2015)	Registrar in Medical Microbiology	Full time	National STD/AIDS Control Program (NSACP), Colombo, Sri Lanka	<p>Learned the aetiology, pathogenesis epidemiology and prevention of STD/AIDS. Bench trained in processing of samples received for STD and AIDS, in bacteriology and virology including serological methods and molecular methods and troubleshooting of simple errors. Discussed issues in validation of reports.</p> <p>Observed infection control issues in the STD/ AIDS laboratory and procedures to minimize risk of blood borne infections</p> <p>Participated in clinical case discussions of patients with the Consultant Microbiologist and Venerologist at the NSACP.</p>
08.11.2015 (12.11.2015)	Registrar in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Colombo, Sri Lanka	<p>Observed liquid culture and in house PCR methods conducted for identification MTB. Observed infection control issues in preventing and minimising risk for the laboratory staff and spread of infection to the community</p>
01.11.2015 (07.11.2015)	Registrar in Medical Microbiology	Full time	National Respiratory diseases/ TB Hospital, Welisara, Sri Lanka	<p>Learned the aetiology, pathogenesis epidemiology and prevention of MTB and MOTT. Observed necessities in collection and transport of specimens for MTB, and processing of samples received for MTB, direct microscopic methods, culture methods including identification by conventional methods using Biochemicals, sensitivity testing, conventional and RT PCR. Discussed issues in validation of reports.</p> <p>Observed preparation of media for culture and sensitivity testing of MTB</p> <p>Observed functioning of a biosafety level 4 laboratory, infection control issues in the wards and notification procedures.</p>

				Attended ward rounds and reviewed problems in patients with respiratory infections including drug resistant TB, guided by the Consultant Respiratory Physician
15.10.2015 (31.10.2015)	Registrar in Medical Microbiology	Full time	Food and Water Bacteriology laboratory, Medical Research Institute, Colombo 8, Sri Lanka	<p>Learned the aetiology, pathogenesis and epidemiology of bacterial, viral and protozoan infections transmitted through food and / or water and learned to advise on prevention of transmission of disease through food and water in routine public health as well as in mass disasters</p> <p>Observed methods of investigation for food and waterborne enteric disease outbreaks and preventing food or waterborne disease in mass disasters and in public health</p> <p>Observed collection, and process samples of water and food to assess microbial quality and report on results</p> <p>Discussed issues on basic water treatment methods such as chlorination etc and relevant sections of the Food Act</p>
01.10.2015 (14.10.2015)	Registrar in Medical Microbiology	Full time	<p>Epidemiology Unit, Ministry of Health, Sri Lanka and</p> <p>Port health office, Medical Research Institute, Colombo Sri Lanka (One day)</p>	<p>Observed the functions of the Epidemiology Unit of the Ministry of Health in Sri Lanka and its composition</p> <p>Discussed issues in notification of diseases and the process of notification, investigation of community outbreak, National program of Immunization, the targets, achievements, national immunization summit, emerging infectious diseases and planned action in case of detection of a new case, surveillance for special diseases dengue, influenza, leptospirosis, national and international epidemiological data and patterns of</p>

				<p>infectious diseases.</p> <p>Observed the functions of the Port Health Authority in relation to prevention of international transmission of infections including vaccination and travel advise</p>
16.09.2015 (30.09.2015)	Registrar in Medical Microbiology	Full time	Department of Immunology, Medical Research Institute, Colombo 8, Sri Lanka.	<p>Observed collection and transportation of samples for diagnosis of immunological conditions, Discussed issues in investigation and management of patients with immunological conditions, including hypersensitivity and immunological disorders, observed investigations available in Sri Lanka (including flow cytometry), and their limitations for diagnosing immunological conditions.</p> <p>Observed processing of samples sent for routine immunological investigations in a clinical diagnostic laboratory</p> <p>Discussed the basis of use of immunomodulators, including vaccines and monoclonal antibodies and the immunological basis of sepsis</p>
01.09.2015 (15.09.2015)	Registrar in Medical Microbiology	Full time	Department of Mycology, Medical research Institute, Colombo 8, Sri Lanka	<p>Learned the aetiology, pathogenesis and epidemiology of fungal infections</p> <p>Observed laboratory investigations for the diagnosis of common fungal infections including, observed collection, storage and transportation of specimens and discussed issues regarding specimen collection.</p> <p>Bench trained in performing basic tests in routine teaching laboratory including antifungal sensitivity testing, discussed issues in validation of reports, and issues in management of patients with fungal infections. Observed safety measures in handling mycology specimens and</p>

				prevention of laboratory acquired infection
01.08.2015 (31.08.2015)	Registrar in Medical Microbiology	Full time	Department of Virology, Medical Research Institute, Colombo 8, Sri Lanka	<p>Learned the aetiology, pathogenesis and epidemiology of viral infections</p> <p>Observed laboratory investigations for the diagnosis of common viral infections and collection, storage and transportation of appropriate specimens.</p> <p>Bench trained in performing routine virology testing in teaching laboratory, interpretation of results and validation of reports.</p> <p>Discussed and observed surveillance activities regarding viral infections including polio, measles, rubella</p> <p>Discussed and observed infection control activities in outbreaks of viral infections, issues in diagnosis and treatment of viral infections, accidental exposures of health care workers to blood and blood stained body fluids and observed laboratory safety measures in handling virology specimens</p>
16.07.2015 (31.07.2015)	Registrar in Medical Microbiology	Full time	Colombo North Teaching Hospital, Ragama, Sri Lanka.	<p>Observed hospital infection control activities, discussed with infection control unit nurses. Observed sterilization methods including function of CSSD, waste disposal, safety precautions in blood transfusion and outbreak management, including the epidemiology of hospital outbreaks and molecular techniques for outbreak investigation. Observed infection control in problem areas like operating theatres, intensive care units, premature baby units, endoscopy units, dental clinics and blood banks.</p> <p>Reported observations at each site and presented and discussed with a panel of</p>

				Microbiologists at the end of the workshop
02.07.2015 (15.07.2015)	Registrar in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Colombo, Sri Lanka	<p>Antibiotic workshop</p> <p>Basic understanding and knowledge of classification, mode of action, spectrum of activity and pharmacokinetic and pharmacodynamic properties of antibiotics. Discussed issues on antibiotic prophylaxis, combination therapy, pharmacokinetics and dynamics in dose adjustments and special patient categories</p> <p>Hands-on practical sessions on antibiotic sensitivity testing and methods of demonstrating resistance mechanisms.</p> <p>Discussed problems in resistance drug resistance detection, limitations, and newer antibiotics. Discussed on antimicrobial stewardship antibiotic policies, guidelines and surveillance for resistance</p> <p>Presentation and discussion with a panel of Microbiologists on newer antibiotics and resistance mechanisms at the end of the workshop</p>
01.01.2015 (31.06.2015)	Registrar in Medical Microbiology	Full time	Teaching Hospital, Karapitiya, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informed important and urgent results to attending doctors in the ward, advised on the specimen collection procedures, antibiotic management, infection control aspects in clinic, in ward and ICU patients of all specialities including paediatrics, surgical, cancer patients, renal transplant patients etc.</p> <p>Conducted clinical and laboratory audits and re-auditing to check for improvement</p> <p>Conducted quality control procedures and taking remedial precautions to improve</p>

				<p>results</p> <p>Attended infection control issues of the hospital including hand hygiene audits</p> <p>Conducted a study on Candida blood stream infection patients</p>
01.11.2014 (31.12.2014)	Lecturer in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka	<p>Conducted lectures, practical sessions, tutorials for under graduate medical students and post graduate students.</p> <p>Conducted research in the field of Microbiology</p> <p>Supervised of Microbiology services of the Department which include processing of samples received for bacteriology, tuberculosis, and mycology</p> <p>Participated in other administrative duties of the University allocated by the Head/ Dean of the Faculty</p>
01.06.2014 (31.10.2014)	Diploma trainee in Medical Microbiology	Full time	Teaching Hospital, Karapitiya, Sri Lanka	<p>Bench trained in processing of samples received for Microbiology, informing important and urgent results to attending doctors in the ward</p> <p>Attended infection control issues in the wards and assisted in conducting hand hygiene audits.</p>
23.09.2013 (30.05.2014)	Diploma trainee in Medical Microbiology	Full time	Medical Research Institute, Colombo, Sri Lanka	Lecture based training in Bacteriology, Virology, Immunology, Mycology, Parasitology, Sexually transmitted diseases, Molecular biology, Clinical Microbiology including aetiology, pathogenesis, epidemiology and prevention of infectious diseases
01.11.2011 (23.09.2013) 30.05.2014 (02.07.2015)	Lecturer in Medical Microbiology	Full time	Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka	<p>Conducted lectures, practical sessions, tutorials for under graduate medical students and post graduate students.</p> <p>Conducted research in the field of</p>

30.11.2015 (01.04.2016) 11.11.2017 (04.12.2017)				Microbiology Supervised of Microbiology services of the Department which include processing of samples received for bacteriology, tuberculosis, and mycology Participated in other administrative duties of the University allocated by the Head/Dean of the Faculty
06.07.2010 (30.10.2011)	Senior House Officer	Full time	Teaching Hospital, Mahamodara, Sri Lanka	Attended patient management in Obstetrics and Gynaecology including management of emergencies, labour room emergencies, performed Lower Segment Caesarian sections and minor surgical procedures, performed Ultra sound scanning. Attended training workshop in obstetrics and gynaecology for doctors
06.07.2009 (05.07.2010)	Intern Medical Officer	Full time	General Hospital Ampara, Sri Lanka	Attended patient management, management of emergencies and patient management in labour room and assisting in surgeries in Obstetrics and Gynaecology under the supervision of the Consultant. Trained in ultrasound scanning in Obstetrics and Gynaecology patients. Management of patients with general Medicine issues, emergency management, management of clinic patients Trained in attending medical emergencies.
07.07.2008 (05.07.2009)	Temporary Demonstrator in Physiology	Full time	Department of Physiology, Faculty of Medicine, University of Ruhuna, Sri Lanka	Taught undergraduate medical students in practical sessions and tutorials in Physiology, Participated in the research activities of the department of Physiology, conducting and interpretation of lung function tests, and assisting in audiometry and visual field



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## Management

1. Prepared a "Guideline for prevention and control of scabies" in Sri Jayawardenapura General Hospital distributed by the infection control unit to be used in the hospital, issued on 02.06.2016
2. Prepared a "Standard operating procedure for performance of India ink stain" at the Sri Jayawardenapura General Hospital to be used in the Microbiology laboratory, issued on 30.09.2015
3. Prepared a "standard operating procedure for performance of reverse CAMP test" at the Sri Jayawardenapura General Hospital to be used in the Microbiology laboratory, issued on 30.09.2015
4. Prepared "A report on deaths in the ICU attributed to sepsis in the Sri Jayawardenapura General Hospital for the month of July 2016", to be submitted to the Director General Health Services
5. Prepared "Standard operating procedure for disinfection of laboratory environment and management of spills" in 2018 for Medical Research Institute to be used in laboratories of the Medical Research Institute.
6. Prepared a "Guide on Specimen collection and transport" for the Nephrology ward patients at National Institute of Nephrology, Dialysis and transplantation.
7. Prepared a patient leaflet to be given to patients with dermatophytosis to improve compliance "Information sheet for patients with tinea infections"

## Research

Title of research project	Research centre	Dates from and to	Supervisors (if relevant) with contact details	Outcome of research
Variation of mycelial growth and morphology of uncommon medically important fungi on four in-house prepared culture media: a pilot study	Department of Mycology, Medical Research Institute, Colombo, Sri Lanka	From 01.06.2018 to 30.07.2018	Dr P I Jayasekera, Consultant Mycologist, Medical Research Institute, Colombo, Sri Lanka	Exserohilum showed the best growth in TA, Exophiala in PCA and Ochroconis in SA while Trichophyton and Fusarium showed equal growth on all media, which indicate that different moulds have differing capacity to grow and induce sporulation on different in-house prepared media and single type of medium is

				inadequate to induce sporulation. Though in-house prepared media can't be used as primary inoculation media it can be used as a secondary culture media which will aid in identification of uncommon medically important fungi by successful induction of sporulation.
Non Candida non Cryptococcal invasive blood stream infections in cancer patients	Department of Mycology, Medical Research Institute, Colombo, Sri Lanka	From 01.01.2014 to 30.07.2018	Dr P I Jayasekera, Consultant Mycologist, Medical Research Insitute, Colombo, Sri Lanka	All uncommon yeast infections have the lowest MIC values for voriconazole which makes it, the best option for treatment in the Sri Lankan cancer patients.
Determinants and Characteristics of Candida colonization among patients admitted to Intensive Care Units of Teaching Hospital Karapitiya	Teaching Hospital Karapitiya, Sri Lanka and Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka	From 01.12.2015 to 31.03.2016	Prof A De S Nagahawatte, Professor of Microbiology, Department of Microbiology, Faculty of Medicine, University of Ruhuna. Mobile - +94 071 228 8615 Email - ajithnagahawatte@yahoo.co.uk  Dr W M D G B Wijeyaratne Head & Senior Lecturer, Department of Microbiology, Faculty of Medicine, University of Ruhuna, Galle,	Candida colonization was found in 100 (65.7%) patients out of 152 patients screened. The presence of sepsis, gastro-intestinal infection or surgery, central venous line colonization, higher density of rectal, oral and urine colonization was significantly different among the infected and non-infected groups. Change of species of colonizing candida was also a significant new risk factor found in the study.

			<p>Sri Lanka.  Mobile: +94 77 3626467  Email - gayabw@yahoo.co.uk</p>	<p>All the indices and scores had excellent sensitivity and negative predictive values. However none of the scores had good specificity except for CCI, which was 94%.</p> <p>Conclusions: A combination of CI, CCI and CS formulated for the study sample could reliably predict candidaemia.</p>
<p>Analysis of Candida positive blood cultures in a tertiary care hospital in Sri Lanka</p>	<p>Teaching Hospital Karapitiya, Sri Lanka</p>	<p>From 01.01.2014 to 31.12.2014</p>	<p>Dr D L B Piyasiri, Consultant Microbiologist, Teaching Hospital Karapitiya, Sri Lanka  Email - bhagyapiyasiri@yahoo.co.uk</p>	<p>Candidaemia due to non albicans species has increased accounting more than 75% of positive blood cultures. Need to implement the facilities to test antifungal sensitivity as mortality remains high. Aseptic procedures in CVC insertion and maintenance, and avoidance of broad spectrum antibiotics where possible could play a major role in prevention of nosocomial candidaemia. High grade of suspicion is important to detect candidaemia early and to start antifungals with clinical deterioration of patients with risk factors.</p>

<p>MRSA nasal colonization and associated risk factors among medical students in the Faculty of Medicine, University of Ruhuna</p>	<p>Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka</p>	<p>2013</p>	<p>Prof A De S Nagahawatta, Professor of Microbiology, Department of Microbiology, Faculty of Medicine, University of Ruhuna, Karapitiya, Sri Lanka. Mobile - +94 071 228 8615 Email - ajithnagahawatte@yahoo.co.uk</p>	<p>Prevalence of MRSA colonization was 7.3% and highest risk was in final year medical students.</p>
<p>Student-led Peer-assisted Learning: The Kuppi Experience at the Medical School of the University of Ruhuna in Sri Lanka</p>	<p>Department of Physiology, Faculty of Medicine, University of Ruhuna, Karapitiya, Sri Lanka.</p>	<p>From 01.09.2008 to 31.12.2008</p>	<p>Prof M Kommalage, Professor of Physiology, Department of Physiology, Faculty of Medicine, University of Ruhuna, Karapitiya, Sri Lanka. Email – mahinda1@gmail.com</p>	<p>These data suggest that our school's student-initiated PAL process is successful, offering several advantages over the staff-initiated PAL processes that have been described in the literature. Our students' familiarity with one another and social bonds have been used in their self-led PAL in highly favorable ways. Nevertheless, our students have concerns about quality of the information they gain through their PAL and, as faculty, we note that students principally learn to pass examinations and may</p>

				not acquire and retain the knowledge they will need as physicians.
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## Publications

Candidaemia: Risk factors and validity of tools to predict risk of Candidaemia in Intensive care unit patients in Teaching Hospital Karapitiya  
 Published in the Ceylon Medical Journal Volume 63, issue 4, December 2018 pages 169–173  
 Authors: Thabrew H, Nagahawatte A De S, Wijeyaratne W M D G B

Continued in the attachment

## Courses, conferences and meetings

### National and international courses, conferences and meetings

Title of course/conference	Date(s)	Venue
7 <sup>th</sup> Annual sessions of the Sri Lankan Society for Microbiology	26 <sup>th</sup> October 2018	Oak Ray Regency Hotel, Kandy
The International Conference on Infectious Diseases and Antimicrobial Resistance	08.08.2018 – 11.08.2018	Hotel Taj Samudra, Colombo, Sri Lanka
Annual Scientific Sessions of Sri Lanka College of Microbiologists	31.08.2017 – 01.09.2017	Sri Lanka Foundation, Colombo, Sri Lanka
2nd South Asian Melioidosis Congress 2017	29.08.2017 – 30.08.2017	Hotel Cinnamon Lakeside, Colombo, Sri Lanka
Annual scientific sessions of Sri Lanka Heart Association.	09.06.2017 - 11.06.2017	Hotel Galadari, Colombo, Sri Lanka.

Viral encephalitis: Current states and future prospects.	24 <sup>th</sup> November 2016	Sri Lanka Medical Association, 6, Wijerama Mawatha, Colombo, Sri Lanka.
Clinical Immunology Update 2016 organized by UK – Sri Lanka Immunology Foundation in Collaboration with Ceylon College of Physicians.	14 <sup>th</sup> September 2016	Sri Lanka Foundation, Colombo 07, Sri Lanka.
Annual Scientific Sessions of Sri Lanka College of Microbiologists	11.08.2016 – 13.08.2016	Sri Lanka Foundation, Colombo 07, Sri Lanka.
Annual Scientific Sessions of Sri Lanka College of Microbiologists	12.08.2015 – 14.08.2015	Sri Lanka Foundation, Colombo 07, Sri Lanka.
Workshop on “E learning” conducted by Sri Lanka College of Microbiologists and Medical Education Centre, Faculty of Medicine, University of Kelaniya.	11 <sup>th</sup> and 25 <sup>th</sup> May 2015	Faculty of Medicine, University of Kelaniya, Sri Lanka.
Workshop on professionalism and ethics in medical practice	28 <sup>th</sup> March 2015	Postgraduate Institute of Medicine, Colombo, Sri Lanka.
Workshop on “dissertation writing” conducted by Postgraduate Institute of Medicine, University of Colombo, Sri Lanka.	3 <sup>rd</sup> December 2014	Postgraduate Institute of Medicine, Colombo, Sri Lanka.
“Symposium on Vaccines” organized by Vaccine Forum of Sri Lanka.	19 <sup>th</sup> October 2014	Sri Lanka Medical Association, Sri Lanka.
7th Annual Clinical Immunology Update 2014 organized by UK – Sri Lanka Immunology Foundation in Collaboration with Ceylon College of Physicians.	8 <sup>th</sup> October 2014	Sri Lanka Foundation, Colombo 07, Sri Lanka.
“Advancement of immunology through integrated research” by Allergy and	1 <sup>st</sup> & 2 <sup>nd</sup> September 2014	Medical Research Institute, Colombo 08, Sri Lanka.

Immunology Society of Sri Lanka in collaboration of National Science Foundation.		
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### **Local meetings**

1. Attended CME activities conducted by the Sri Lanka College of Microbiologists from 2014 up to date
2. Participated at the workshop to commemorate the Global hand hygiene day conducted by the Department of Infection prevention and control of the Sri Jayawardenepura General Hospital on 11<sup>th</sup> May 2016
3. Attended quarterly infection control meetings in Teaching Hospital Karapitiya, Sri Jayawardenapura General Hospital, Colombo South Teaching Hospital, Lady Ridgeway Hospital for Children and National Cancer Hospital as a trainee observer
4. Attended monthly maternal and neonatal mortality review meetings at Colombo South Teaching Hospital as a trainee observer during 01.10.2016 to 31.03.2017
5. Attended and actively participated in monthly Journal club meetings organised by the Postgraduate Institute of Medicine, Colombo since 2015

### **Undergraduate/postgraduate teaching**

1. Conducted lectures, tutorials and practical sessions for medical and paramedical undergraduate students of Faculty of Medicine, University of Ruhuna in Microbiology from 01.11.2011 to 23.09.2013, and 04.12.2019 to date
2. Conducted tutorial sessions on Immunology for medical students of Faculty of Medicine, University of Colombo on 02.09.2016, 06.09.2016 and 08.09.2016
3. Conducted 2 revision practical sessions on Medical Mycology for post graduate trainees in Diploma and MD in Medical Microbiology in September 2018
4. Conducted revision and practical sessions for post graduate trainees in Dermatology and Venerology once / twice a month from 04.12.2017 to 03.12.2018
5. Conducted 2-day lecture and practical sessions for Medical Laboratory Science undergraduates on Medical Mycology (04.10.2018 – 05.10.2018)

## Presentations

Title of talk/presentation	Date(s)	Venue
New-born with recurrent sepsis – presentation and discussion on a case report of Chronic granulomatous disease	06.11.2015	Presentation at the CME activity of the Sri Lanka College of Microbiologists at the Auditorium of the Medical Research Institute, Colombo, Sri Lanka
Critical appraisal of journal article “Cryptococcal antigen screening in patients initiating ART in patients in South Africa: a prospective study”	08.07.2016	Presentation at the monthly journal club organized by the Postgraduate Institute of Medicine, Colombo at the Auditorium of Post graduate Institute of Medicine, Colombo, Sri Lanka
Vaccine preventable is it? – presentation and discussion on a case report of rabies following administration of anti-rabies serum	03.03.2017	Presentation at the CME activity of the Sri Lanka College of Microbiologists at the Auditorium of the Medical Research Institute, Colombo, Sri Lanka.
Allergic Bronchopulmonary Aspergillosis and Severe Asthma with Fungal Sensitization – presentation and discussion of literature	27.12.2018	Presentation at the Weekly CME activity of the Central Chest Clinic at the Auditorium of Central Chest Clinic, Colombo, Sri Lanka

## Audit

1. Audit of the automated blood culture machine at the Department of Microbiology of the Sri Jayewardenapura General Hospital (01.04.2016 -.30.09.2016)  
Identified problems in calibration certificate, lack of responsible person and an operational manual which were rectified and planned for re-audit 6 months later
2. Hand hygiene audits at the Sri Jayewardenapura General Hospital (24.05.2016)  
Errors in compliance with 5 moments of hand hygiene were pointed out at the end of the audit.
3. Audit of central line insertion and maintenance bundle, urinary catheter care and VAP bundle at the CT ICU of Sri Jayewardenapura General Hospital (25.05.2016)  
Central line insertion and maintenance bundle and VAP bundle was properly filled for most patients and errors pointed out. Urinary catheter care bundle was introduced following audit and advised to clean the catheter entry site with normal saline and to avoid betadine.
4. Audit of carbapenam consumption at the Sri Jayewardenapura General Hospital (23.08.2016)



Audit was done prior to introduction of an antibiotic stewardship program and identified problems in blood cultures not being done before starting antibiotic therapy, and many errors in duration of antibiotics and de-escalation of therapy following culture reports. Antibiotic stewardship program was introduced to rectify the error and planned for re-audit after 6 months.

5. Audit on filling of request forms of bronchoalveolar lavage for fungal studies (01.01.2018 – 31.12.2018)  
Ongoing audit

### **Quality assurance**

Participated in internal quality assurance scheme of the Medical Research Institute by identifying samples received quarterly for bacteriological culture at the Teaching hospital Karapitiya, Sri Jayewardenapura General Hospital and Colombo South Teaching hospital during the training period

Participated in the external quality assurance scheme of the WHO by identifying samples received quarterly for fungal studies at the Mycology laboratory of the Medical Research Institute

### **Appraisal**

Completed a professional development portfolio as part of in-service training component of Diploma and MD in Medical Microbiology and Post MD in Medical Mycology which includes case based discussions, direct observed procedures, reflective writing on self-learning experiences, critical appraisal of journal articles

### **Information technology (IT)**

Competent in using MS Word, Power point, Excel.

Participated in e-learning workshop in literature search, referencing and document formatting conducted by the Sri Lanka College of Microbiologists and Medical Education centre of the Faculty of Medicine, University of Kelaniya

**Membership of professional bodies and organisations**

<b>Professional body or organisation</b>	<b>Date/year of joining</b>	<b>Status of membership</b>	<b>Please state if membership awarded after examination or assessment</b>
Galle Medical Association	2011	Member	
Sri Lanka Medical Council	06.07.2010	Member	Awarded after completion of internship
Sri Lanka Medical Association	2015	Member	
Sri Lanka College of Microbiologists	2015	Member	Awarded after Post Graduate Diploma in Medical Microbiology
Sri Lanka Society for Microbiology	26.10.2018	Member	
Member of International Society for Human and Animal Mycology	2019	Member	

## **Languages**

English - Fluent in speaking, writing reading and listening

IELTS examination – overall 8.0, Listening 8.5, Reading 8.5, Writing 7.0, Speaking 7.5  
(Test taken on 11.05.2019)

Sinhala – Fluent in speaking, writing, reading and listening

## **Honours and prizes**

Won the Sri Lanka College of Oncologists prize for the best poster presentation for the Abstract titled Non candida non Cryptococcal invasive blood stream infections in cancer patients at the Annual academic sessions of the College of Oncologists 2018

## **Personal strengths and weaknesses**

My personal strengths are that I am a dependable person, dedicated to allocated work, able to provide creative solutions to problems, energetic, constantly trying to improve weaknesses and good communication and interpersonal skills

My weakness is that I am a perfectionist which sometimes result in stress

## **References**

**Name of Referee 1:** Prof A de S Nagahawatta

**Title and awards:** MBBS, Diploma in Medical Microbiology, MD in Medical Microbiology

**Address:** Department of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka

**Email:** ajithnagahawatte@yahoo.co.uk

**Name of Referee 2:** Dr (Mrs) P I Jayasekera

**Title and awards:** MBBS, Diploma in Medical Microbiology, MD in Medical Microbiology

**Address:** Department of Mycology, Medical Research Institute, Colombo, Sri Lanka

**Email:** jayali\_jaya@yahoo.com

**Name of Referee 3:** Dr (Mrs) N S Chandrasiri,

**Title and awards:** MBBS, Diploma in Medical Microbiology, MD in Medical Microbiology

**Address:** Department of Microbiology, Colombo South Teaching hospital, Kalubowila, Sri Lanka

**Email:** anilpras@yahoo.com

## Research Publications

Publications in indexed journals – 3 full papers (No 1,2 and 4)

Publications in non-indexed journals – 1 full paper (No 3)

Conference proceedings – 5 as abstracts (No 5 – 9)

1. Student-led Peer-assisted Learning: The Kuppi Experience at the Medical School of the University of Ruhuna in Sri Lanka

Published in **Education for Health journal**, Volume 24, Issue 2, year 2011

Journal indexed in PubMed/Medicine

PMID: 22081656

Authors – Kommalage M, Thabrew H

2. Running an ETU in a newly established IDP camp in Sri Lanka

Published in **Medicine, Conflict and Survival Journal** Volume 26, No. 1, January–March year 2010, pages 86–94

Journal indexed in PubMed/Medicine

PMID: 20411858 DOI: 10.1080/13623690903553293

Authors – Kommalage M, Thabrew H

3. A new borne with recurrent sepsis

Published in the biannual **bulletin of the College of Microbiologists** 2015 August issue (Not indexed journal)

Authors – Thabrew H, Piyasiri D L B, Dassanayake D

4. Candidaemia: Risk factors and validity of tools to predict risk of Candidaemia in Intensive care unit patients in Teaching Hospital Karapitiya

Published in the **Ceylon Medical Journal** Volume 63, issue 4, December 2018 pages 169–173

Journal indexed in PubMed/Medicine

Authors: Thabrew H, Nagahawatte A De S, Wijeyaratne W M D G B

## Presentations

5. Analysis of Candida positive blood cultures in a tertiary care hospital in Sri Lanka  
Presented as a **Poster Presentation** at the Infection prevention society conference 2015 At Liverpool, UK  
Authors - Piyasiri D L B, Thabrew H, Lewkebandara R, Palangasinghe S, Priyarangani W K A P
  
6. MRSA nasal colonization and associated risk factors among medical students in the Faculty of Medicine, University of Ruhuna  
Presented as a **poster presentation** at the Galle Medical Association annual sessions 2015  
Authors - Thabrew H, Ramasinghe S L, Lakmali P K P, Nagahawatte A De S, Padmini J L
  
7. Variation of mycelial growth and morphology of uncommon medically important fungi on four in-house prepared culture media: a pilot study  
Presented as an **oral presentation** at the 7<sup>th</sup> Annual Conference and scientific sessions of the Sri Lanka Society for Microbiology 2018, OP17  
Authors - Thabrew H, Jayawardena MN, Sigera LSM, Jayasekera PI
  
8. Comparison of in-house prepared culture media on mycelial growth and morphology of selected medically important fungi: a pilot study  
Published as a **poster presentation** at the International Conference on Health Sciences 2018, PP19  
Authors: Thabrew H, Jayawardena NM, Sigera LSM, Jayasekera PI
  
9. Non Candida non Cryptococcal invasive blood stream infections in cancer patients  
Published as a **poster presentation** in the Sri Lanka College of Oncologists Annual academic sessions 2018 and won the SLCO award for best poster presentation  
Authors: Thabrew H, Sigera L S M, Jayawardena M N & Jayasekera P I
  
10. Utilization of galactomannan for the serodiagnosis of invasive aspergillosis in cancer patients  
Published as a **poster presentation** at the Sri Lanka College of Oncologists Annual Academic Sessions 2019  
Authors: Thabrew H, Jayawardena M N, Sigera L S M, Dammika A & Jayasekera P I

11. Factors associated with persistent, recurrent and severe Dermatophytosis in Sri Lanka – A single centre pilot study

Published as an **oral presentation** at the Sri Lanka College of Dermatologists, Annual academic sessions 2019 **OP4**

Authors: M N Jayawardena, J KW Akarawita, C Gunasekera, C Wickremaratna, H Thabrew, P I Jayasekera