

## **CURRICULUM VITAE**



### **Dr. W. M. D. Gaya Bandara WIJAYARATNE**

*MBBS(Ruhuna), Dip. Med Micro(Col.), MD Med Micro(Col.)*

#### **PERSONALDETAILS**

Name (*SURNAME*) : **WIJAYARATNE**  
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Name with initials : W. M. D. G. B. WIJAYARATNE  
Date of Birth : November 13, 1975  
Nationality : Sri Lankan  
Gender : Male  
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Address (*work*): Department of Microbiology, Faculty  
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## EDUCATIONAL & PROFESSIONAL QUALIFICATIONS

- 2012 – Board Certified as a Specialist in Medical Microbiology
- 2012 – 2013 - Post MD Overseas training in Medical Microbiology  
LancashireTeachingHospitals NHS Foundation Trust,  
Royal Preston Hospital, Preston,UK.
- 2007-2010 – MD in Medical Microbiology  
Postgraduate Instituteof Medicine, Universityof Colombo,Sri Lanka.
- 2005-2006 – Postgraduate Diploma in Medical Microbiology  
Postgraduate Instituteof Medicine, Universityof Colombo,Sri Lanka.
- 1996– 2002 - MBBS(Bachelor of Medicine Bachelor of Surgery)  
Faculty of Medicine, University of Ruhuna, Sri Lanka.

### Academic Distinctions(as an undergraduate)

1. Second Class Honors 2<sup>nd</sup> MBBS (Upper Division) with Distinction in Biochemistry
2. Awarded the Mr. &Mrs. M.G. Fonseka prize for Anatomy for the highest marks.
3. Second Class Honors 3<sup>rd</sup> MBBS (Upper Division) with Distinctions in Microbiology & Community Medicine

### Present Permanent Post

Senior Lecturer and Head of the Department  
Dept. of Microbiology, Faculty of Medicine, University of Ruhuna, Sri Lanka  
(01.04.2015 to date)

## WORK EXPERIENCE

- Teaching:** Medical Undergraduate teaching experience from September 2004 in conducting lecturers, tutorials, practical and assessments in Microbiology. A visiting lecturer for the BSc Nursing, BSc Pharmacy and BSc Medical Laboratory Sciences students of the Allied Health Science degree programme of the Faculty of Medicine, University of Ruhuna. Postgraduate teaching in Medical Microbiology from January2007 for Post Graduate diploma in Medical Microbiology and MD in Medical Microbiology of Postgraduate Institute of Medicine, University of Colombo. Paramedical teaching activities by conducting lectures and practical for trainee Public Health Inspectors (PHI) at the Provincial PHI Training centre, Galle and Student Nurses at the Nurses Training School, Galle since 2004. A Resource Person in workshops conducted for Health care Personnel. An examiner in 3<sup>rd</sup> MBBS part I – Microbiology examination, BSc Nursing, BSc Pharmacy and BSc Medical Laboratory Sciences degree programmes.
- Clinical work:** Actively involved in clinical management (diagnosis, treatment and prevention) of patients of the Teaching Hospital Galle, Sri Lanka and advice on infection control aspects and bio-safety. Participate in infection control visits and outbreak investigation of other hospitals in the Galle District.
- Research:** Involve in research since graduation as a Demonstrator at Faculty of Medicine, as an Intern medical officer at Teaching Hospital Karapitiya and continue to do so after becoming an academic in the University of Ruhuna.
- Laboratory work:** Involve in the diagnostic laboratory of the department by processing specimens and interpretation of results. Also, visit the hospital laboratory and supervise the bench work, and do the Intensive Care Unit(ITU) round and go through the referrals from other wards. I also attend the Infection Control Committee meetings and take part in infection control activities in the hospital.
- Management:** Currently working as the Head of the Department of Microbiology, Faculty of Medicine, Galle. Participate in various committees and programmes functioning at the Faculty, University an National levels.

## RESEARCH

### Publications:

1. A study on lobar pneumonia due to *Mycoplasma pneumoniae*. Jayantha UK, **Wijayarathne WMDGB**. Galle Medical Journal 2003;4(1):35-36.
2. Seroconversion following hepatitis B immunization in expanded programmed on immunization in a selected MOH area in Galle District. **Wijayarathne WMDGB**. MD Medical Microbiology Thesis, University of Colombo 2010. <http://archive.cmb.ac.lk:8080/research/handle/70130/1491>
3. Nosocomial infection in the intensive care unit at Teaching Hospital Karapitiya, Galle; an audit. Gunaratne A, Vidanagama D, **Wijayarathne WMDGB**, Palangasinghe S. The Galle Medical Journal, September 2011: 16(2),13-16.
4. Food handlers: A potential threat in food safety. **Wijayarathne WMDGB**. The Bulletin of the Sri Lanka College of Microbiologists August 2017;15(1), 69-72.
5. Antimicrobial Potential in Biogenic Silver Nanoparticles Synthesized from *Plectranthus zeylanicus*. Sudhara G. De Soya, **W.M.D Gaya Bandara Wijayarathne**, Mayuri Napagoda, Sanjeeva Witharana. The Journal of Molecular nanotechnology and Nanomedicine 2017(Open Access): 1(1):105.
6. Lipophilic extracts of *Leucas zeylanica*, a multi-purpose medicinal plant in the tropics, inhibit key enzymes involved in inflammation and gout. Mayuri Napagoda, Jana Gerstmeier, Hannah Butschek, Sybille Lorenz, Dinusha Kanatiwela, Sudhara De Soya, Malique Qader, Ajith Nagahawatte, **Gaya Bandara Wijayarathne**, Aleš Svatoš, Lalith Jayasinghe, Andreas Koeberle, Oliver Werz. Journal of Ethnopharmacology 224 (2018) 474–481. <https://doi.org/10.1016/j.jep.2018.04.042>
7. Elevated pre-surgical CA15-3: does it predict the short-term disease-free survival of breast cancer patients without distant metastasis? Lakmini KB Mudduwa, **Gaya B Wijayarathne**, Harshini H Peiris, Shania N Gunasekera, Deepthika Abeysiriwardhana, Nimsha Liyanage. International Journal of Women's Health 2018;10 329–335.
8. Frequent empiric broad-spectrum antimicrobial use among hospitalized patients with lower respiratory tract infections in Southern Sri Lanka. S Vanderburg, T Sheng, **G Wijayarathne**, T Dabrera, CK Bodinayake, et. al. Respiriology 2018;23:186-187.
9. Methicillin-resistant *Staphylococcus aureus*: prevalence of and risk factors associated with colonization of patients on admission to the Teaching hospital, Karapitiya. RP Kurukulasooriya, LG Tillekeratne, **W Wijayarathne**, CK Bodinayake, et.al. Journal of the University of Ruhuna 6 (2), 70-75.
10. Candidaemia: Risk factors and validity of tools to predict risk of Candidaemia in Intensive care unit patients in Teaching Hospital Karapitiya. H Thabrew, A Nagahawatte, **GB Wijayarathne**. Ceylon Medical Journal 63 (4).
11. Determination of In Vitro Antimicrobial Activity of Five Sri Lankan Medicinal Plants against Selected Human Pathogenic Bacteria. MHN De Zoysa, H Rathnayake, RP Hewawasam, **WMDGB Wijayarathne**. International journal of microbiology, 2019.
12. Point-prevalence study of antimicrobial use in public hospitals in southern Sri Lanka identifies opportunities for improving prescribing practices. T Sheng, **GB Wijayarathne**, TM Dabrera, RJ Drew. Et. al. Infection Control & Hospital Epidemiology, 2019;40(2):224-227.
13. Development of Novel Topical Cosmeceutical Formulations from *Nigella sativa* L. with Antimicrobial Activity against Acne-Causing Microorganisms. NW Nawarathne, K Wijesekera, **WMDGB Wijayarathne**, M Napagoda. The Scientific World Journal 2019 (Article ID 5985207), 1-7.
14. Seroconversion following Hepatitis B immunization in National Immunization Programme in a selected Medical Officer of Health area in Galle District. **Wijayarathne, W.M.D.G.B.**, Ubeysekera, H.A., De Silva, N. and Galagoda, G., *Galle Medical Journal*, 2019;24(1), pp.1–7. DOI: <http://doi.org/10.4038/gmj.v24i1.8000>

### Abstract Presentations: 62

#### Oral Presentations:

1. Meningitis or meningoenchephalitis due to *Mycoplasma pneumoniae* infection in children. Jayantha UK, **Wijayarathne WMDGB**. Galle Medical Journal 2003;4(1):55-56.
2. Analysis of Paediatric day-case surgery: A Preliminary report. Jayawardena GDLP, **Wijayarathne WMDGB**, Godage M. Galle Medical Journal 2004;9(1):70.
3. Audit of neonatal surgical conditions in Teaching Hospital Karapitiya. Jayawardena GDLP, **Wijayarathne WMDGB**. Galle Medical Journal 2004;9(1):69-70.
4. Do we have VISA or VRSA?; A study to detect the prevalence of vancomycin intermediately sensitive *Staphylococcus aureus* (VISA) and/or vancomycin resistant *Staphylococcus aureus* (VRSA) in the National

- Hospital of Sri Lanka. De Silva WBD, Chandrasiri P, Abeysuriya S, Wijayaratne WMDGB. The 17<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2008;6(1):23.
6. Seroconversion following hepatitis B immunisation in the expanded programme on immunisation in Sri Lanka and the effect of a booster dose. Wijayaratne WMDGB, De Silva N, Galagoda GCS. 122<sup>nd</sup> Annual Scientific Sessions of Sri Lanka Medical Association. The Ceylon Medical Journal 2009;54(1):36.
  7. Seroconversion following hepatitis B immunisation in the expanded programme on immunisation in Sri Lanka and the effect of a booster dose. Wijayaratne WMDGB, De Silva N, Galagoda GCS. The 18<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2009;7(1):21.
  8. Protective efficacy of Hepatitis B vaccine in the National Immunisation Programme in Sri Lanka. Wijayaratne WMDGB, De Silva N, Galagoda GCS. 10<sup>th</sup> South East Asia Regional Scientific Meeting of the International Epidemiological Association, Colombo, Sri Lanka, May 2010;56.
  9. Analysis of antibiotic resistance pattern of coliform bacteria isolated in urine cultures in a center in Galle. Nagahawatte A de S, Wijayaratne WMDGB, Wickramasinghe SS, Ramyalatha RAS, Dharmasiri GNJ, Padmini JL. Galle Medical Journal 2015;20(2):54.
  10. Role of Cancer antigen 15.3 in the pre-operative assessment of primary breast cancer. Peiris, H.H.; Mudduwa, L.K.B.; Wijeratne, W.M.D.G.B.; Liyanage, T.G.; Liyanage, N.C.; Gunasekara, S.N.; Kaushalya, M.H.A. Proceedings of the 25th Anniversary International Scientific Conference, 6-8th April 2016, Faculty of Medicine, University of Kelaniya. (URI: <http://repository.kln.ac.lk/handle/123456789/12913>)
  11. Preparedness of doctors working in the preventive care sector of Southern Province of Sri Lanka to control Hepatitis B viral infection. Ubeysekara HA, Wijayaratne WMDGB, Edirimanna H. Galle Medical Journal 2016;21(Suppl1):7.
  12. Use of rapid Leptospira IgM Screening to diagnose Leptospirosis: A hospital based study. Bodhinayake C, Nagahawatte A, Kodikaraarachchi W, Woods C, Reller M, Devasiri V, Wijayaratne WMDGB, Mudduwa L, Ostbye T, Thilakaratne G, Karunanayake L, de Silva D, Weerasinghe NP, Kurukulasooriya MRP, Thamali Anuradha KV. Galle Medical Journal 2016;21(Suppl1):12.
  13. Antimicrobial and antioxidant activities of *Plectranthus zeylanicus* Benth. Napagoda MT, De Soyza WSG, Wijesiriwardhana P, Qader MM, Wijayaratne WMDGB, Nagahawatte A de Silva, Jayasinghe L. Proceedings of the Peradeniya University International Research Sessions (iPURSE 2016), Sri Lanka, 4th & 5th November 2016;20:332.
  14. Biosynthesis of silver and zinc oxide nanoparticles from *Plectranthus zeylanicus* for the development of antimicrobial formulations. De Soyza WSG, Wijayaratne WMDGB, Napagoda MT, Witharana S. Proceedings of the International Research Symposium on Pure and applied Sciences (IRSPAS 2016), Faculty of Science, University of Kelaniya, Sri Lanka. 1<sup>st</sup> December 2016. p116.
  15. Formulation of Polyherbal Hand wash with Potential Antibacterial Activity. Hettihewa SK, Wijayaratne WMDGB, Neelanayani KRS. Proceedings of 14<sup>th</sup> Academic Sessions of University of Ruhuna, 1<sup>st</sup> March 2017 (ISSN 2362-0412):2.
  16. Synthesis of Silver Nanoparticles using Extracts of *Plectranthus zeylanicus* for Antimicrobial Applications. De Soyza WSG, Napagoda MT, Wijayaratne WMDGB, Witharana S. Proceedings of 14<sup>th</sup> Academic Sessions of University of Ruhuna, 1<sup>st</sup> March 2017 (ISSN 2362-0412):3.
  17. Knowledge and Practices Towards an Endemic Disease with Serious Complications, among Adults in Sri Lanka. Weerasinghe NP, Nagahawatte N, Wijerathne WMDGB, Amarasuriya RS, Kulasinghe U, Wickramasinghe SS, Thabrew HT. Proceedings of 14<sup>th</sup> Academic Sessions of University of Ruhuna, 1<sup>st</sup> March 2017 (ISSN 2362-0412):9.
  18. Prognostic potential of KIBRA in breast cancer. Mudduwa LKR, Peris HH, Gunasekara SN, Abeysiriwardena DS, Liyanage NC, Rayala SK, Wijayaratne WMDGB, Liyanage TG. Indo- Sri Lanka joint research programme – First symposium to review the progress. Waters Edge, Battaramulla, Sri Lanka. 29-31 May 2017; 16-17.
  19. Methicillin-resistant *Staphylococcus aureus*: high prevalence of suspected nosocomial colonization in the surgical, medical and orthopaedic wards of Teaching Hospital Karapitiya. Kurukulasooriya R,

- Wijayaratne WMDGB, Thilekeratne LG, Bodinayake CK, Rajapaksha MD, Umesha BGJ, Abeywickrama TDR, Anuradha KVT, de Silva AD, Nicholson BP, Ostbye T, Woods CW, Nagahawatte A. The 26<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists August 2017;15(1):10.
20. Mortality risk aversion by therapeutic plasma exchange in leptospiral pulmonary haemorrhage. Herath NJ, Uluwatte WH, Walivita T, Karunanayake L, Karunanayake P, Ranatunga N, Agampodi S, Senevirathne SL, Wijayaratne GB, Madanayake DC, Lekamwasam JDVC, Kodikaraarachchi RKW, Weerakoon RR, De Silva KHPUD, Hettiarachchi I, Kodithuwakku D. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:49.
  21. Characterization of Methicillin-resistant *Staphylococcus aureus*: isolated from the patients admitted to Teaching Hospital Karapitiya. Kurukulasooriya MRP, Thilekeratne LG, Wijayaratne WMDGB, Bodinayake CK, Rajapaksha MD, Umesha BGJ, de Silva AD, Nicholson BP, Ostbye T, Woods CW, Nagahawatte A. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:56.
  22. The spectrum of streptococcal species causing bacteraemia in patients attending to a tertiary care hospital in Sri Lanka. Wickramasinghe SS, Nagahawatte A, Wijayaratne WMDGB, Piyasiri DLB, Weerasinghe NP, Thabrew HHPMJ. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:59.
  23. Diagnosis of leptospirosis in the acute phase of illness: A comparison between IgM-ELISA and IgM Rapid Immunochromatography Test. Wijayaratne WMDGB, Bodhinayake C, Nagahawatte A, Thilakarathne G, Kodikaraarachchi W, Woods C, Reller M, Devasiri V, Ostbye T, Kurukulasooriya MRP, Gunasekara NCA. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:61.
  24. Evaluation of antimicrobial potential in silver nanoparticles synthesized from *Argyrea populifolia* (Girithilla). De Soyza, W.S.G., Wijayaratne, W.M.D.G.B., Napagoda, M.T, Witharana, S. (2017). Proceedings of the 5<sup>th</sup> International Conference on Ayurveda, Unani, Siddha and Traditional Medicine. 50.
  25. *Garcinia cambogia*: A potent source of antimicrobial compounds against methicillin resistant *Staphylococcus aureus*. De Soyza, W.S.G., Wijayaratne, W.M.D.G.B., Napagoda, M.T, Witharana, S. (2017). Proceedings of the 5<sup>th</sup> International Conference on Ayurveda, Unani, Siddha and Traditional Medicine.51
  26. Synthesis, characterization and antimicrobial activity studies of biogenic silver nanoparticles from of *Garcinia cambogia*. Napagoda M., De Soyza, S., Wijayaratne, G., Witharana, S. (2017) Proceedings of the International Symposium on Traditional and Complementary Medicine, Colombo, Sri Lanka. 184
  27. *Plectranthus zeylanicus*: A potent source of antimicrobial phytochemicals from tropical flora. Napagoda M., De Soyza, S., Qader, M., Lorenz, S., Schneider, B, Svatoš, A., Wijayaratne, G., Nagahawatte, A., Jayasinghe, L. (2017) Proceedings of the International Symposium on Traditional and Complementary Medicine, Colombo, Sri Lanka. 37.
  28. Anti-inflammatory and antimicrobial potential in traditional medicinal plants in Sri Lanka. Napagoda M.T., Gerstmeier, J., . Wesely, S., Popella, S., Butschek, H., A. Koeberle, A., Pace, S., De Soyza, W.S.G., Qader, M.M., Wijayaratne, W.M.D.G.B., Nagahawatte, A., Jayasinghe, L., Werz, O. (2018). 1<sup>st</sup> Sri Lankan ANRAP Regional Seminar on Herbal Approaches in Combating Diabetes and Common Tropical Diseases, Kandy, Sri Lanka. 44
  29. Search for Novel Disinfectants: Could Silver Nanoparticles Synthesized from *Argyrea populifolia* be a Promising Agent? De Soyza, W.S.G., Napagoda, M.T., Wijayaratne, W.M.D.G.B., Witharana, S. (2018). 15<sup>th</sup> Academic Sessions. University of Ruhuna, Sri Lanka. 24
  30. Biogenic Silver nanoparticles: A potent weapon to combat nosocomial infections. De Soyza, W.S.G., Napagoda, M.T., Wijayaratne, W.M.D.G.B., Witharana, S. (2018). Proceedings of 1<sup>st</sup> Sri Lankan ANRAP Regional Seminar on Herbal Approaches in Combating Diabetes and Common Tropical Diseases, Kandy, Sri Lanka. 63

- 31 Green synthesis of silver nanoparticles from the extract of *Mollugo cerviana* (L.) ser. for antimicrobial applications. Napagoda M, De Soysa S, Wijayaratne G, Witharana S. Proceedings of 12<sup>th</sup> International Symposium on Pharmaceutical Sciences (ISOPS): Faculty of Pharmacy, Ankara University; June 26-29 2018, Ankara, Turkey. 70-71.

#### Poster Presentations:

1. Analysis of Paediatric day-case surgery: Preliminary report. Jayawardena GDLP, Wijayaratne WMDGB, Godage M. The Annual sessions of the College of Surgeons of Sri Lanka August 2004;66.
2. Audit on neonatal surgical conditions in Teaching Hospital Karapitiya during last 23 months. Jayawardena GDLP, Wijayaratne WMDGB. The Annual sessions of the College of Surgeons of Sri Lanka August 2004;67.
3. An audit on the practices of use of different disinfectants in National Hospital of Sri Lanka. Ranasinghe RR, Wijayaratne WMDGB, Chandrasiri P. The 17<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2008;6(1):29.
4. An outbreak of *Salmonella paratyphi* A in Colombo, Sri Lanka. Wijayaratne WMDGB, Chandrasiri P. The 7<sup>th</sup> International Symposium on Antimicrobial Agents and Resistance, Bangkok, Thailand, March 2009;162.
5. An analysis of automated blood culture results in National Hospital of Sri Lanka. Wijayaratne WMDGB, Chandrasiri P. The 7<sup>th</sup> International Symposium on Antimicrobial Agents and Resistance, Bangkok, Thailand, March 2009;299.
6. Case report - Histoplasmosis of the oral cavity. Vidanagama D, Dias DK, Wijayaratne WMDGB, De Silva N, Navaratne V, Gunasekera HKTA. The 19<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists 2010;8(1):32.
7. Multiple Metastatic Infective Foci due to MRSA Bacteraemia in a Leukaemic baby. Patabendige C, Wijayaratne WMDGB. The 8<sup>th</sup> International Symposium on Antimicrobial Agents and Resistance, Seoul, Korea, April 2011;255.
8. The assessment of the Impact of Molecular diagnosis on the management of patients with enteroviral meningitis. Wijayaratne WMDGB, Wilkinson P, Hesketh LM, Cheesbrough JS. Spring Conference – Society for General Microbiology, Manchester Central Convention Complex, Manchester, UK; 25-28 March 2013;101-102.
9. Knowledge, attitudes and practices on venous blood collection among the nurses in Teaching Hospital Karapitiya. Amarasinghe AATDK, Wijayaratne WMDGB, Gamage MWK. Proceedings of the 3<sup>rd</sup> Annual Academic Sessions of the Faculty of Medicine, University of Ruhuna, Sri Lanka; Ruhuna Journal of Medicine October 2015;3(1):59.
10. Epidemiology of melioidosis in Sri Lanka 2006-2016. Corea E, Patabadige G, Kothalawala M, Francis V, Dassanayake M, Vidanagama D, Nanayakkara G, Fernando R, Abeykoon M, Elvitigala JP, Piyasiri DLB, Jayatileke SK, Disanayake N, Candrasiri S, Namalie KD, Karunarathne GKD, Wadanambi JMRWW, Jayasuriya R, Mubarak FN, Udagama S, Wijayaratne WMDGB, Pathirage S, Masakorala J, de Silva AD, Sathkumara H, Krishnananthasivam S, Thevanesam V. The Bulletin of the Sri Lanka College of Microbiologists 2016;14(1):23-24.
11. Antibiotic susceptibility pattern of *Staphylococcus aureus* isolated from clinical specimens at a center in Southern Sri Lanka. Wijayaratne WMDGB, Ubeysekara HA, Jayamanna N, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. 17<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanghwamun, Seol, South Korea. 30<sup>th</sup> August - 2<sup>nd</sup> September 2016;65.
12. Pattern of resistance of antibiotics used to treat methicillin resistant *Staphylococcus aureus* isolated in clinical specimens in the Tertiary Care Hospital, Galle, Sri Lanka. Wijayaratne WMDGB, Jayasinghe P, Vidanagama D, Nagahawatta AdeS, De Silva N, Dharmasiri GNJ. 17<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanghwamun, Seol, South Korea. 30<sup>th</sup> August – 2<sup>nd</sup> September 2016;73.
13. A study on nasal carriage of Staphylococci among food handlers in Southern Sri Lanka. Wijayaratne WMDGB, Ubeysekara HA, Jayamanna N, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. 17<sup>th</sup> International Symposium on Staphylococci and Staphylococcal Infections (ISSSI 2016), Nine Tree Convention Gwanghwamun, Seol, South Korea. 30<sup>th</sup> August – 2<sup>nd</sup> September 2016;253.

14. An analysis of screening culture results of food handlers in Southern Sri Lanka. Wijayaratne WMDGB, Ubeysekara HA, Jayamanna N, Sugathadasa R, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. Galle Medical Journal 2016;21(Suppl1):20.
15. Optimum growth conditions to perform the motility test; A laboratory based study. Gunarathna KAAET, Wijayaratne WMDGB, Nagahawatte AdeS. Galle Medical Journal 2016;21(Suppl1):21.
16. Assess the use fulness of Murray and Washington criteria in relation to quality of sputum specimens sent for culture in a tertiary care hospital. Senevirathna MDMS, Wijayaratne WMDGB, Piyasiri DLB. Galle Medical Journal 2016;21(Suppl1):22.
17. Antibiotic susceptibility pattern of pathogenic bacteria isolated from clinical specimens at a center in Galle. Wijayaratne WMDGB, Ubeysekara HA, Jayamanna N, Sugathadasa R, Wickramaarachchi N, Arambewella CL, Lekamarachchi MD. Galle Medical Journal 2016;21(Suppl1):25.
18. Pattern of resistance to antibiotics used to treat Methicillin resistant *Staphylococcus aureus* isolated in clinical specimens at the Teaching Hospital Karapitiya. Wijayaratne WMDGB, Jayasinghe P, Nagahawatta AdeS, de Silva N, Vidanagama D, Dharmasiri GNJ. Galle Medical Journal 2016;21(Suppl1):26.
19. Knowledge, attitude and practices towards an endemic disease with serious complications, among adults in Sri Lanka. Weerasinghe NP, Nagahawatte A, Wijayaratne WMDGB, Amarasuriya RS, Kulasinghe HPGUI, Wickramasinghe SS, Thabrew HHPMJ. Galle Medical Journal 2016;21(Suppl1):36.
20. Community awareness of prevention and control of rabies in Sri Lanka. Wickramasinghe SS, Nagahawatte A, Wijayaratne WMDGB, Amarasuriya RS, Kulasinghe HPGUI, Weerasinghe NP, Thabrew HHPMJ. Galle Medical Journal 2016;21(Suppl1):37.
21. Antimicrobial and antioxidant activities of some selected medicinal plants in Sri Lanka. Napagoda MT, De Soyza S, Wijesiriwardhana P, Qader MM, Wijayaratne WMDGB, Nagahawatte A, Jayasinghe L. Galle Medical Journal 2016;21(Suppl1):43.
22. Sensitivity and specificity of litmus milk decolourization test as a rapid identification method of *Enterococcus* causing urinary tract infection. Wijayaratne WMDGB, Dissanayake MND. The 26<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists. The Bulletin of the Sri Lanka College of Microbiologists August 2017;15(1):27-28.
23. Antibiotic sensitivity pattern of extended spectrum beta-lactamase (ESBL) producing *Pseudomonas aeruginosa* isolated at the Teaching Hospital Karapitiya. Handagala JK, Wijesiriwardena P, Wijayaratne WMDGB. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:65.
24. Evaluation of antimicrobial potential and reducing capacity of silver ions by the hexane extract of *Garcinia cambogia* (goraka). de Soyza WSG, Napagoda M, Wijayaratne WMDGB, Witharana S. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:79.
25. Validity of 'bara below the elbows' policy in a Southern Provincial tertiary care hospital. Weerasinghe NP, Nagahawatte A, Herath HMM, Roshini VGS, Wijayaratne WMDGB, Wickramasinghe SS. Proceedings of the 76th Annual Academic Sessions of the Galle Medical Association 2017:87.
26. Evaluation of antimicrobial activity in secondary metabolites from *Plectranthus zeylanicus*: A search for novel disinfectants. Napagoda M, De Soysa S, Qader M, Lorenz S, Schneider B, Svatos A, Wijayaratne G, Nagahawatte A, Jayasinghe L. Proceedings of 12<sup>th</sup> International Symposium on Pharmaceutical Sciences (ISOPS): Faculty of Pharmacy, Ankara University; June 26-29 2018, Ankara, Turkey. 168-169.
27. Frequent empiric broad-spectrum antimicrobial use among hospitalized patients with lower respiratory tract infection in Southern Sri Lanka. Vanderburg, S., Sheng, T., Wijayaratne, G., Dabrera, T., Bodinayake, C.K., Nagahawatte, A., Kurukulasooriya, R., Drew, R., Woods, C.W. and Tillekeratne, L.G. Respiriology. November 2018;23: 186-187. EISSN 1440-1843, ISSN 1323-7799.

### Contribution to Published Books:

1. Antimicrobial use Guidelines, Department of Microbiology Faculty of Medicine Galle & Galle Medical Association (2006)
2. Collection and Transport of Clinical Specimens for Microbiological Examinations, Dept. of Microbiology Faculty of Medicine, University of Ruhuna (Annually updated since 2004)

3. Biosafety Manual for Medical Laboratories, Sri Lanka College of Microbiologists 2<sup>nd</sup> Edition, 2014. (ISBN 978-955-8891-04-9)
4. Bacteriology Section of the “Laboratory Manual in Microbiology”, Sri Lanka College of Microbiologists; 2<sup>nd</sup> edition, 2011. (ISBN978-955-8891-03-2)

#### **Awards received for work related to Medicine (post-graduation)**

1. **Best Scientific Paper – 1<sup>st</sup> place**  
“Analysis of Paediatric day-case surgery: A Preliminary report” Jayawardena GDLP, Wijayaratne WMDGB, Godage M. The 63<sup>rd</sup> Annual Academic Sessions of Galle Medical Association, September 2004
2. **Best Poster presentation– 2<sup>nd</sup> place**  
“An audit on the practices of use of different disinfectants in National Hospital of Sri Lanka”. Ranasinghe RR, Wijayaratne WMDGB, Chandrasiri P. The 17<sup>th</sup> Annual Academic Sessions of Sri Lanka College of Microbiologists, September 2008
3. **The Sir Frank Gunasekara Prize for the best paper in Community Medicine and Tuberculosis**  
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