

List of Publications - 2025

1. **Senanayake K**, Kumbukgolla WW, Jayaweera JAAS. The synergy between Sri Lankan bee honey and silver nanoparticles on pathogenic bacteria. *The Microbe*. 2025;7:100373.
2. Jayaweera JAAS, Kumbukgolla WW, **Senanayake K**. The effect of Sri Lankan bee honey on wound infection and dysentery causing pathogens and its synergy with oxacillin against Methicillin Resistance Staphylococcus aureus. *The Microbe*. 2025;100499.
3. **Senanayake KJ**, Linder C, Picciochi M, Bhaloo S, Amofa E, Gaston C, et al.; NIHR Global Health Research Group on Environmentally Sustainable Hospitals in Low- and Middle-income Countries. Global anaesthesia practice using inguinal hernia surgery as a tracer condition: a secondary analysis of an international prospective cohort study. *Anaesthesia*. 2025;80(11):1343–135
4. **Senanayake KJ**. Primary Hyperparathyroidism: Rare in Sri Lanka, Common in the West - A Hidden Clinical Challenge. *The SLMA Monthly*. 2025 Dec;18(12):6-7.
5. Senanayake K, Kumbukgolla WW, Jayaweera JAAS. The effect of Sri Lankan bee honey on wound infection and dysentery causing pathogens and its synergy with oxacillin against methicillin-resistant Staphylococcus aureus. *The Microbe*. 2025;8:100499. doi:10.1016/j.microb.2025.100499
6. Jayaweera JAAS, Kumbukgolla WW, Senanayake K. The synergy between Sri Lankan bee honey and silver nanoparticles on pathogenic bacteria. *The Microbe*. 2025;7:100373. doi:10.1016/j.microb.2025.100373
7. Xu S, Song G, Qi X, Kan G, Jayaweera JAAS, An Y. Engineered interaction elements enable enhanced multi-enzyme assembly and cascade biocatalysis for indigo synthesis. *Bioresour Technol*. 2025;429:132540. doi:10.1016/j.biortech.2025.132540
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10. Gunasekara, S.D., Wickramasinghe, N.D., Weerakoon, K.G., Fernando, M.S., Shanthapriya, S.H., Price, H.P., Dikomitis, L., Agampodi, T.C., & Agampodi, S.B. (2025). Understanding the complexity of cutaneous leishmaniasis patient

journey in endemic rural Sri Lanka: A qualitative study. *BMC Infectious Diseases*, 25(1), 1448. doi: 10.1186/s12879-025-11962-8

11. Menike, I., Rajapakse, S., Amarasinghe, G., Warnasekara, J., Wickramasinghe, N.D., Agampodi, T., & Agampodi, S.B. (2025). Normative serum cortisol levels in second and third trimesters and their associated factors: A prospective cohort study from Sri Lanka. *PLoS ONE*, 20(9), e0322685. doi: 10.1371/journal.pone.0322685
12. Gunathilaka, V., Sampath, M., Wickramasinghe, N.D., & Wettasinghe, M.C. (2025). Thyroid radiation dose reduction with the use of thyroid shields during CT brain studies. *Radiological Physics and Technology*, doi: 10.1007/s12194-025-00953-8
13. Wettasinghe, M.C., Kumarasinghe, S., Bernard, J., Wickramasinghe, N.D., & Colombage, A. (2025). Melioidosis Presenting as a Solitary Atypical Liver Abscess: A Case Report and Review of the Literature. *Diagnostic Microbiology and Infectious Disease*, 113(2), 116901. doi: 10.1016/j.diagmicrobio.2025.116901
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15. GBD 2023 Intimate Partner Violence and Sexual Violence against Children Collaborators (....Wickramasinghe, N.D., ...). (2025). Disease burden attributable to intimate partner violence against females and sexual violence against children in 204 countries and territories, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. *The Lancet*. doi: 10.1016/S0140-6736(25)02503-6
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22. Global Burden of Cardiovascular Diseases and Risks 2023 Collaborators (....Wickramasinghe, N.D., ...). (2025). Global, Regional, and National Burden of Cardiovascular Diseases and Risk Factors in 204 Countries and Territories, 1990-2023. Journal of the American College of Cardiology, 86. doi: 10.1016/j.jacc.2025.08.015
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57. Weerakoon K, **Silva A.** Bringing Back Science into Conferences: The Urgent Need to Redefine the Quality in Conference Abstracts and Free Paper Sessions. *Journal of Tropical Health.* 2025 Nov 24;1(3).
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