

W.M.S.S.B. Weerasekara

Technical Officer - Grade I

Training programmes:

- Safe chemical management.
- Occupational safety management, interactive whiteboard, audio systems & smart classroom concept.
- Biosafety & biosecurity for the core group in the laboratory sector in Sri Lanka.

Contributions:

- Assists renal biopsies by providing microscopic examination of the biopsy core to ascertain the adequacy of the sample at the time of biopsy.
- Visiting demonstrator (specialized in immunohistochemistry) of the PGIS, University of Peradeniya from 2019 for the duration of the M.Sc programme in Clinical Biochemistry (2019/20).
- Demonstration & practicals of laboratory procedures of immunohistochemistry, histopathology, cytology & special stains techniques for medical students, postgraduate students & AHS students.
- Contributed histopathology skills and knowledge to improve the working environment in the histopathology laboratory in Teaching Hospital Peradeniya.
- Contributed to sustaining the clinical services to the Teaching hospital Peradeniya & other hospitals uninterrupted during the curfew/lockdown periods.

Research contributions:

Co-authorship

- "Toxicology evaluation of Ethanolic leaf extracts of *Adenanthera pavonia* in rats".

Acknowledgements

- "Novel biomarkers of invasive breast carcinoma of no special type in women: An immunohistochemistry study.
- " Guidelines for the handling of Muscle biopsies for MLS students & MLT students"

Other research contributions

- Technical contribution to a study done in collaboration with the Gynaecology department on "Meconium-stained liquor in uncomplicated pregnancy".
- Contributed to research-related activities to MD in Pathology "Kikuchi diseases".
- Technical support is given for the research project titled "Hepatoprotective & anti-angiogenesis effects of Osbeckia octandra (Heen bovitiya) leaf extracts in experimental liver cirrosis".