

Present Post

Senior Professor of Pathology, Faculty of Medicine, University of Ruhuna, Sri Lanka

Educational Qualifications

January 1992 - MBBS 2nd Class Honors
(University of Colombo, Sri Lanka)

October 1996 - Diploma in Pathology
(University of Colombo, Sri Lanka)

July 1999 - MD in Pathology (Histopathology)
(University of Colombo, Sri Lanka)

July 2000 - Board certification

Previous appointments

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| 1. Lecturer in Pathology | Faculty of Medicine,
University of Ruhuna,
Galle, Sri Lanka. | April 1994 - July 2000 |
| 2. Senior Lecturer in Pathology | Faculty of Medicine,
University of Ruhuna,
Galle, Sri Lanka. | July 2000 - May 2009 |
| 3. Professor in Pathology | Faculty of Medicine,
University of Ruhuna
Galle, Sri Lanka | 11 th May 2009 - May 2014 |
| 4. Professor of Pathology | Faculty of Medicine,
University of Ruhuna
Galle, Sri Lanka | 10 th May 2014 - 9 th May 2017 |
| 5. Senior Professor of Pathology | Faculty of Medicine,
University of Ruhuna
Galle, Sri Lanka | 10 th May 2017 to date |
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Specialist Training

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| 1. Training for Diploma in Pathology | November 1994 - October 1996 (2 years)

At the Department. of Pathology, Faculty of Medicine, |
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University of Colombo, Department. of Pathology, National Hospital, (Teaching) of Sri Lanka and the Department of Pathology, Teaching Hospital Karapitiya, Galle, Sri Lanka.

2. Training for MD
Histopathology

November 1996 - July 1999

At the Department. of Pathology, Faculty of Medicine, University of Colombo, Sri Lanka.

3. Post MD Training

One year from 4th September 2000 at the Department of Histopathology, Bristol Royal Infirmary, Bristol, UK.

Supervisor - Professor Massimo Pignatelli, Professor of Pathology, University of Bristol, UK

4. Training in teaching

Accreditation of Senior Teachers in Higher Education Conducted by the Staff Development Unit of the University of Colombo and SEDA, UK accreditation as a teacher in higher education

Special Training

1. One-month training in Immunohistochemistry at the Department of Pathology, Russel's Hall Hospital, West Midlands, UK April - June 2006
2. One-month training in Teaching Learning Methods and Assessments at the School of Health, Durham University, UK under Professor John McLochlan in February/March 2007.
3. One-week training on Training the Trainers workshop conducted by the Royal College of Physicians, London and the Postgraduate Institute of Medicine, Colombo - March 2017

Administration/managerial experience

1. Head of the Department of Pathology from September 2001 to September 2010.
2. Student Counselor from 2002 to 2007
3. Person in Charge of the Activity "Enhancing Student Support Services of the undergraduates in the Faculty of Medicine, University of Ruhuna" of the IRQUE Project 2005 to 2010
4. Coordinator of the Medical Laboratory Science Degree Programme of the Faculty of Medicine, University of Ruhuna 2005 to 2010
5. Chairperson of the Quality Assurance Cell of the Faculty of Medicine from 2012 to 2015
6. Chairperson of the Board of Study in Pathology, Postgraduate Institute of Medicine, University of Colombo 2015 to 2018
7. Coordinator, Basic Laboratory Sciences Course for Pathology postgraduate trainees, Postgraduate Institute of Medicine, University of Colombo 2008 to 2014
8. Chairperson of the Board of Study in Medicine, Faculty of Graduate Studies, University of Ruhuna from 2018 to 2020
9. Chairperson, Internal Quality Assurance Cell, Faculty of Graduate Studies, University of Ruhuna from 2018 to 2020
10. President College of Pathologists of Sri Lanka 2019

Teaching

Teaching Pathology to medical undergraduates
Examiner Histotechnology and cytology Medical Laboratory Science

Training of Postgraduates

1. A postgraduate trainer and an examiner Histopathology since 2002
 2. Member of the Board of Study in Pathology, Postgraduate Institute of Medicine, University of Colombo since 2002.
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Experience in curriculum development/ undergraduate/postgraduate training

1. Involved in the development of learning outcomes and revision of the examinations in Pathology for the medical undergraduates of the Faculty of Medicine, University of Ruhuna
 2. Involved in the development of the curriculum of the undergraduate course in Medical Laboratory Science of the Faculty of Medicine, University of Ruhuna, as the coordinator.
 3. Coordinator for the development of the 2008 Prospectus of the Postgraduate training in Pathology, Postgraduate Institute of Medicine, University of Colombo.
 4. Coordinated and contributed to the development of 2016 Prospectus of the Postgraduate Training in Histopathology of the Postgraduate Institute of Medicine, University of Colombo.
 5. Contributed to the Bench Mark Statement of Medicine document 2020
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Experience as a Histopathologist

Work in the capacity of a Board-Certified Specialist in Histopathology and reports on the surgical pathology and cytology specimens received from the Professorial Units of the Teaching Hospital Karapitiya, Galle, Sri Lanka since 2001 to date.

Research interests

Breast cancer, thyroid diseases, Immunohistochemistry.

Postgraduate Supervision – research

Supervision of MD- Histopathology research projects

1. Effect of experience of pathologist on the inter-observer reproducibility of the Nottingham grade.
2. A comparison of cytological grading of breast carcinoma with the histological grading.
3. An immunohistochemical assessment of VEGF expression in invasive breast carcinoma; is there an association between VEGF positivity and other clinicopathological prognostic markers?
4. An immunohistochemical assessment of PTEN expression and its association with tamoxifen resistance in ER positive breast carcinoma.
5. Value of Bethesda System in deciding on surgical intervention for cytologically identified follicular proliferations in thyroid gland.
6. Comparison of Consistency in reporting breast cancer prognostic markers between two laboratories; manual versus automated platforms
7. Comparison between FNAC and BIRADS score; what guides the clinician best, in patients with breast lumps?
8. Ki67 expression cut-off in defining Luminal A and B breast cancers; 14% or 20%?
9. Prognostic factors of breast carcinomas of Nottingham grade 2; Score 6 vs Score 7
10. The degree of inter-observer variability in grading uterine endometrioid adenocarcinoma
11. Eligibility to undergo detection of Micro Satellite Instability in Patients with Colorectal Carcinoma, based on a Pathological Score; A Single Centre Study
12. A comparison of validity of squash smears and touch imprints in intra operative diagnosis of central nervous system lesions
13. Interobserver consistency in grading prostatic adenocarcinoma in Transrectal Ultrasound guided (TRUS) biopsies of prostate
14. Clinicopathological profile of papillary microcarcinoma of the thyroid; a single Centre, retrospective study
15. Histomorphological Assessment of the Heart in Sudden Cardiac Death (SCD): An Autopsy Study
16. Prognostic value of tumour budding in breast cancer: a descriptive cross-sectional study
17. Prognostic value of tumour infiltrating lymphocytes in breast cancers.

MSc Research supervision

1. Assessment of the effects of selected pre-analytical and analytical factors on the optimal Immunohistochemical staining for ER and Her 2 in breast cancer

PhD Supervision

Completed

- 1 Co- supervisors for a PhD (title: Upper gastrointestinal abnormalities in patients referred for gastroscopy and the prevalence of *Helicobacter pylori* infection among them; a hospital based study in Sri Lanka)-
- 2 Co- supervisors for a PhD (title: Phytopharmacological investigation of some medicinal plants in alloxan-induced diabetic rats)

- 3 The Chief Supervisor for a PhD (title: Factors associated with survival of females with breast cancer in the southern Province of Sri Lanka)
 - 4 Co-supervisor for a PhD (title: Protective effects of selected medicinal plant extracts on chemically induced nephropathy in rats)
 - 5 Co-supervisor for a PhD (Title: Vasculopathy, systemic inflammation, body composition and cardiometabolic risk among patients with chronic kidney disease).
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Awards received

1. President's Award for 2003
Protective effect of *Asteracantha longifolia* extract in mouse liver injury induced by carbon tetrachloride and paracetamol.
Hewawasam RP, Jayatilake KAPW, Pathirana C, Mudduwa LKB.
Journal of Pharmacy & Pharmacology, 2003 Oct;55(10)1413-8.
2. President's Award for 2004
Hepatoprotective effect of *Epaltes divaricata* extract on carbon tetrachloride induced hepatotoxicity in mice.
Hewawasam RP, Jayatilaka KA, Pathirana C, Mudduwa LKB
Indian J Med Res. 2004 Jul;120(1):30-4
3. Academic Sessions Award of the Annual Sessions of the College of Pathologists, Sri Lanka.1997.
A rare case of sex cord stromal tumour with annular tubules.
D. Lokuhetty, L.K.B.Mudduwa.
4. The award for the Best Scientific Paper of the 63rd Annual Academic Sessions of the Galle Medical Association 2004. Toxicity of the medicinal plant *Vetiveria zizanioides* (Sevandara): A reflection in haematological, histological and Biochemical parameters
Hewawasam RP, Jayatilaka KA, Pathirana C, Mudduwa LKB
5. Award for the Best Scientific Paper of the 66th Annual Academic Sessions of the Galle Medical Association 2007. Prevalence of *Helicobacter pylori* infection among patients undergoing upper gastrointestinal endoscopy.
Waidyaratne EI, Lekamwasam JDVC, Mudduwa LKB, Lekamwasam S
6. Award for the Best Scientific Paper in Surgical Discipline of the 67th Annual Academic Sessions of the Galle Medical Association 2008 Endoscopic and histological abnormalities in patients referred for routine upper gastrointestinal endoscopy.
Waidyaratne EI, Lekamwasam JDVC, Gunawardhane H, Mudduwa LKB, Lekamwasam S
7. Awarded accreditation by the Staff Development Centre, University of Colombo in 2006 following successful completion of the Accreditation of Senior Teachers in Higher Education (AS THE) course.
8. Awarded British Staff and Educational Development Authority (SEDA) certificate qualification.

9. Award for the best scientific paper of the 71st Annual Academic Sessions of the Galle Medical Association 2012. *Coccinia grandis* as a potent anti hyperglycaemic agent: A reflection in biochemical and histological parameters.
Attanayake AP, Jayathilake KAPW, Mudduwa LKB, Pathirana C.
10. Award for the best poster presentation at the 11th Annual Academic Sessions of College of Forensic Pathologists of Sri Lanka 2013
An unusual case of mediastinal malignant melanoma with cardiac metastasis.
Lakmali MGN, Mudduwa L, Hettiarachchi HA Fernando LBM
11. Award for the best scientific paper of the 73rd Annual Academic Sessions of the Galle Medical Association 2014. Tumour characteristics in relation to the age at presentation of breast cancer.
Peiris HH, Mudduwa LKB, Thalagala NI, Jayathilake KAPW, Ekanayake U, Horadugoda J.
12. Award for the best oral presentation. Scientific Sessions 2015 of the Faculty of Medicine, University of Sri Jayawardhanapura held on 2nd April 2015. Risk factors and clinic-pathological profile of triple negative breast cancer; a comparative study done in the Southern province of Sri Lanka.
Peiris HH, Mudduwa LKB, Thalagala NI, Jayathilake KAPW
13. Award for the best oral presentation. Scientific Sessions 2015 of the Faculty of Medicine, University of Sri Jayawardhanapura held on 7th April 2016. Clinico-pathological factors influencing the recurrence free interval of patients with recurrent breast cancer. Peiris HH, Mudduwa LKB, Thalagala NI, Jayathilake KAPW, Ekanayake U, Horadugoda J.
14. Award for the best poster presentation. 75th Annual Academic Sessions of the Galle medical Association 7th - 8th October 2016. Trends in thyroid pathology: A 14 year experience in a goiter endemic area. Mudduwa LKB, Liyanage TG, Mudduwa YDB, Liyanage TG Abeysiriwardhena DS.
15. Silva E.H, Wickramatilake C. M., Lekamwasam S., Mudduwa L.K.B, Ubayasiri R. *Assessment of dietary intake in a group of patients with chronic renal failure on routine haemodialysis, attending Teaching Hospital, Karapitiya*. KDU - Mayo clinic International Nephrology, Dialysis, Transplant Medicine and Oncology conference, University Hospital, Kothalawala Defence University. 7th - 10th February 2018 - Won the third place for best poster
16. Dr S Ramachandran award for the best paper in Nephrology Amarasiri, A.M.S.S., Attanayake, A.P., Jayatilaka, K.A.P.W., Mudduwa L.K.B., 2018. Protective effect of *Barleria prionitis* extract (Katukarandu) against doxorubicin induced acute nephrotoxicity in Wistar rats. *131st Anniversary International Medical Congress of the Sri Lanka Medical Association*, p 17.
17. Third best presentation. Amarasiri, A.M.S.S., Attanayake, A.P., Jayatilaka, K.A.P.W., Mudduwa L.K.B., 2018. Evaluation of the Nephroprotective Activity and Acute Toxic Effects of Leaf Extract of *Abelmoschus moschatus* in Experimental Rats. *1st Research Symposium of Faculty of Allied Health Sciences, University of Ruhuna (Ru FARS 2018)*, p 11.
18. National Research Council Merit award for scientific publications 2017
19. Best research presentation at the 7th International Conference, of the College of Pathologists of Sri Lanka and the British Division of International Academy of Pathology, Virtual conference on lymphoid, Dermatopathology and Cytopathology, held on 15th to 17th October 2020 Identifying thyroid follicular neoplasms which need lobectomy; the value of Bethesda category 4 A .Kankanamge, T.G.Liyanage, L.K.B.Mudduwa

Orations

20. Awarded the Oration of the University of Ruhuna 2012 for the oration delivered on 'Prognostic and predictive parameters of breast cancer: the role of pathologist in the Sri Lankan perspective' at the Annual Academic Sessions of the University of Ruhuna
21. Awarded the Sir Nicholas Attygalle Memorial Oration 2018 by the Sri Lanka Medical Association for the oration titled 'Biomarkers in breast cancer; broadening the horizons'

Grants received

1. University of Ruhuna Research Grant for the study titled "A Study on the Prevalence of Cervical Dysplasia in a High risk Population using the Bethesda System"
2. A grant from the National Science Foundation of Sri Lanka for the study titled "Pilot Study on the Role of Fine Needle Aspiration in the Diagnosis of Tuberculous lymphadenitis"
3. A grant under the Improving Relevance and Quality of Undergraduate Education Project (funded by the World Bank) for the proposal written by me on "Enhancing Student Support Services of the undergraduates in the Faculty of Medicine, University of Ruhuna".
4. A grant from the University of Ruhuna under the Internationalisation of Universities project to establish a Breast Cancer Research Center.
5. Indo-Sri Lanka Joint Research Programme 2012 "Investigating the oncogenic potential of KIBRA"

Publications – Full article

1. Solitary Rectal Ulcer Syndrome (SRUS) masquerading as a carcinomatous stricture. D. Lokuhetty, M.V.C.de Silva, **L.K.B.Mudduwa**, Ceylon Medical Journal, 1998; 43: 241-242
2. Protective effect of *Asteracantha longifolia* extract in mouse liver injury induced by carbon tetrachloride and paracetamol. Hewawasam RP, Jayatilake KAPW, Pathirana C, **Mudduwa LKB**. Journal of Pharmacy & Pharmacology, 2003 Oct;55(10)1413-8.
3. Hepatoprotective effect of *Epaltes divaricata* extract on carbon tetrachloride induced hepatotoxicity in mice. Hewawasam RP, Jayatilaka KA, Pathirana C, **Mudduwa LKB** Indian J Med Res. 2004 Jul;120(1):30-4
4. Breast cancer screening; what age group should be targeted? **Mudduwa LKB**, Manel Mangalika SA, Kohomban CJ, Jayawardane TD, Priyadarshika RCU, Galle Medical Journal, Sept. 2000;02:60-61.
5. Analysis of aspiration cytology of thyroid lesions in an endemic Area. **Lakmini Mudduwa**, M.M.A.J. Kumara, J.P.M. Kumarasinghe, Galle Medical Journal, 2002; 20: 20-22
6. A rare occurrence of borderline mucinous ovarian tumour complicating pregnancy. Hiran Samarage, S.Senaka Abeyundara, **Lakmini Mudduwa**, Galle Medical Journal, Sept. 2002; 3:58-60
7. Pathological parameters predicting Her2/neu status of breast carcinoma. **Lakmini Mudduwa** Journal of Diagnostic Pathology 2007/08 Vol 5, No 1:13-18

8. Diagnosis of tuberculous lymphadenitis; Combining cytomorphology, microbiology and molecular techniques - A study from Sri Lanka. Lakmini Mudduwa, Ajith de S Nagahawatte. Indian Journal of Pathology and Microbiology. 51(2) 2008 215-217
9. The effect of experience of the observers on the interobserver variation in grading breast cancer. Thusharie Liyanage & Lakmini Mudduwa. Galle Medical Journal March 2011
10. Awareness of breast cancer among females with breast diseases. Lakmini Mudduwa, Champa Wijesinghe Galle Medical Journal, Sept. 2008; 13:14-18
11. Acute pigmented tubulopathy and interstitial nephritis following wasp sting. WTP Gunasena , Lakmini Mudduwa, Sarath Lekamwasam Galle Medical Journal, Sept. 2008; 13:55-56
12. Mudduwa L, Liyanage T. Immunohistochemical assessment of hormone receptor status of breast carcinoma: Interobserver variation of the quick score. Indian Journal of Medical Sciences 2009;63:18-24
13. Mudduwa LK. Quick score of hormone receptor status of breast carcinoma: Correlation with the other clinicopathological prognostic parameters. Indian Journal of Pathology and Microbiology 2009;52:159-63
14. Mudduwa, L.K.B. and Thalagala, N., 2010. Sri Lanka. In: Tuncer, A.M. ed., 2010. *Cancer Report 2010*. Asian Pacific Organization for Cancer Prevention, Ch.5, pp.407-409.
15. Waidyarathne E, Mudduwa L, Lekamwasam S, Lekamwasam V, Gunawardhana H. Prevalence of Helicobacter pylori infection determined by histology in patients with different upper gastrointestinal diseases. Ceylon Med J. 2010 Jun;55(2):68-9.
16. Screening for cancer; breast cancer and cervical cancer. LKB Mudduwa. Silver Jubilee Exhibition Souvenir, Faculty of Medicine, University of Ruhuna 2006.
17. Psychological impact of breast cancer Lakmini Mudduwa & Gayani Punchihewa. Galle Medical Journal March 2011
18. *Helicobacter pylori* detection techniques: comparison of sensitivity, specificity and cost. Waidyarathne E, Mudduwa LKB, Lekamwasam JDVC, Lekamwasam S. Galle Medical Journal March 2011
19. Efficacy and toxicological evaluation of *Coccinia grandis* (Cucurbitaceae) extract in male Wistar rats. Attanayake, A.P., Jayatilaka, K.A.P.W., Pathirana, C., Mudduwa, L.K.B., 2013 *Asian Pacific Journal of Tropical Disease*, 3(6), pp.460-6.
20. Sub-chronic toxicological investigation of *Gmelina arborea* (Verbenaceae) in healthy wistar rats. Attanayake, A.P., Jayatilaka, K.A.P.W., Pathirana, C., Mudduwa, L.K.B. *International Journal of Pharmaceutical Sciences and Research*, 2013 4(12), pp. 4549-54.
21. Effect of morphological preservation artifacts on the quality of immunohistochemical staining for ER and Her-2. Peiris HH, Mudduwa LKB, Liyanage T, Ranasinghe JGS *Galle Medical Journal*, Vol 18: No. 2, September 2013

22. Study of antihyperglycaemic activity of medicinal plant extracts in alloxan induced diabetic rats. Attanayake, A.P., Jayatilaka, K.A.P.W., Pathirana, C., Mudduwa, L.K.B. 2013. *Ancient Science of Life*, 32(4), pp.1-6.
23. Antihyperglycaemic, antihyperlipidaemic and cell regenerative effects of *Spondias pinnata* (Linn.f.) Kurz. bark extract on streptozotocin induced diabetic rats, Attanayake, A.P., Jayatilaka, K.A.P.W., Pathirana, C., Mudduwa, L.K.B. in *European Journal of Integrative Medicine*.2014
24. *Epaltes divaricate* in paracetamol poisoning; a biochemical and histopathological investigation.
Hewawasam RP, Jayathilake KAPW, Mudduwa LKB
Galle Medical Journal Vol: 20, No. 1 March 2015
25. Phytochemical screening and *in vitro* antioxidant potentials of extracts of ten medicinal plants used for the treatment of diabetes mellitus in Sri Lanka
Anoja Priyadarshani Attanayake¹, Kamani Ayoma Perera Wijayawardana Jayatilaka¹, Chitra Pathirana¹, and Lakmini Kumari Boralugoda Mudduwa
Afr J Tradit Complement Altern Med. (2015) 12(4):28-33
26. Antihyperglycemic activity of *Coccinia grandis* (L.) Voigt in streptozotocin induced diabetic rats. Attanayake AP, Jayatilaka KAPW, Pathirana C & Mudduwa LKB
Indian Journal of Traditional Knowledge Vol. 14(3), July 2015, pp.376-381
27. Association between age at presentation and pathological features of breast cancer and its effect on survival; a comparative study done in Sri Lanka.
Harshinie Peiris, Lakmini Mudduwa, Neil Thalagala, Kamani Jayatilake. *Annals of Medical and Biomedical Sciences*. 2015; 1(2):37-45
- 28 Predictive factors of breast cancer specific survival of patients who received neoadjuvant chemotherapy. HH Peiris, LKB Mudduwa, NI Thalagala, KAPW Jayatilake, U Ekanayake and J Horadugoda. (2015) Full paper published in *Proceedings of International Research Conference of Kotelawela Defence University*.
29. *Gmelina arborea* Roxb. (Family: Verbenaceae) Extract Up-regulates the β cell Regeneration in STZ Induced Diabetic Rats" by Anoja Attanayake, Kamani Ayoma Perera Wijewardana Jayatilaka, Chitra Pathirana and Lakmini Mudduwa *Journal of Diabetes Research*, vol. 2016, Article ID 4513871, 8 pages, 2016. doi:10.1155/2016/4513871.
30. Toxicological evaluation of five Sri Lankan medicinal plants: A biochemical, haematological and histopathological assessment. RP Hewawasam, KAPW Jayathilake, LKB Mudduwa, C Pathirana. *International Journal of Pharmaceutical Sciences and Research* 2016; Vol. 7(10): 4014-4021
31. Antioxidant activity of *Gmelina arborea* Roxb. (Verbenaceae) bark extract: In vivo and in vitro study. Attanayake, A.P., Jayatilaka K.A.P.W., Pathirana C., Mudduwa L.K.B. 2015. *Journal of Medical Nutrition and Nutraceuticals*, 4(1), pp.32-8.
32. Potential antioxidant activities of *Spondias pinnata* (family: Anacardiaceae) bark extract in rats with streptozotocin induced Diabetes mellitus, Attanayake, A.P., Jayatilaka K.A.P.W., Pathirana C., Mudduwa L.K.B. 2015. 2(4), *International Journal of Pharmacognosy*, pp.166-172.
33. Toxicological investigation of *Spondias pinnata* (Linn.F.) Kurz. (Family: Anacardiaceae) bark

- extract in Wistar rats. A.P., Jayatilaka K.A.P.W., Pathirana C, Mudduwa L.K.B., International Journal of Green Pharmacy January-March 2015
34. *In vivo* antihyperlipidemic, antioxidative effects of *Coccinia grandis* (L.) Voigt (cucurbitaceae) leaf extract: An approach to scrutinize the therapeutic benefits of traditional Sri Lankan medicines against diabetic complications. Attanayake, A.P., Jayatilaka K.A.P.W., Mudduwa L.K.B., Pathirana C., 2016. *In International Journal of Pharmaceutical Sciences and Research*, 7(10), 3949-3958.
 35. Gmelina arborea Roxb. (Family: Verbenaceae) Extract Upregulates the B-Cell Regeneration in STZ Induced Diabetic Rats.
Attanayake AP, Jayatilaka KA, Pathirana C, Mudduwa LK.
J Diabetes Res. 2016;2016:4513871. doi: 10.1155/2016/4513871. Epub 2016 Jan 6
 36. Antidiabetic potential of ivy gourd (*Coccinia grandis*, family: Cucurbitaceae) grown in Sri Lanka: A review A.P., Jayatilaka K.A.P.W., Mudduwa L.K.B.. Journal of Pharmacognosy and Phytochemistry 2016;5(6) 286-289
 37. Do breast cancer risk factors affect the survival of breast cancer patients in Southern Sri Lanka? Peiris HH, Mudduwa LK, Thalagala NI, Jayatilaka KA.
Asian Pac J Cancer Prev. 2017 Jan 1;18(1):69-79
 38. KIBRA attains oncogenic activity by repressing RASSF1A.
Anuj, Lakshmi Arivazhagan, Rohan Prasad Surabhi, Archana Kanakarajan, Sandhya Sundaram, Ravi Shankar Pitani, Lakmini Mudduwa, Joachim Kremerskothen, Ganesh Venkatraman, Suresh K.Rayala
British Journal of Cancer (2017), 1-10 | doi: 10.1038/bjc.2017.192
 39. The value of Nottingham grade in breast cancer re-visited in the Sri Lankan setting. HH Peiris, LKB Mudduwa, NI Thalagala, KAPW Jayatilake. Malaysian Journal of Pathology 2017; 39(2) : 141 - 148
 40. Prognostic significance of low Claudin3 expression in luminal breast cancers.
Lakmini Mudduwa, Harshini Peiris, Shania Gunasekara, Deepthika Abeysiriwardhana, Thusharie Liyanage Journal - Breast cancer: Basic and Clinical Research Dec. 2017
DOI:10.1177/1178223417745858
 41. Validity of St Gallen risk categories in prognostication of breast cancer patients in Southern Sri Lanka. Peiris H, Mudduwa L, Thalagala N, Jayatilake K. BMC Womens Health. 2018 Jan 31;18(1):30. doi: 10.1186/s12905-018-0524-1
 42. B-cell Regenerative Potential of Selected Herbal Extracts in Alloxan Induced Diabetic Rats. Attanayake AP, Jayatilaka KAPW, Mudduwa LKB, Pathirana C. Curr Drug Discov Technol. 2018 Apr 18. doi: 10.2174/1570163815666180418153024.
 43. KIBRA; a novel biomarker predicting recurrence free survival of breast cancer patients receiving adjuvant therapy. Mudduwa L, Peiris H, Gunasekara S, Abeysiriwardhana D, Liyanage N, Rayala SK, Liyanage T. BMC Cancer. 2018 May 24;18(1):589. doi: 10.1186/s12885-018-4491-6.
 44. Elevated pre-surgical CA15-3: does it predict the short-term disease-free survival of breast cancer patients without distant metastasis?
Mudduwa LK, Wijayaratne GB, Peiris HH, Gunasekera SN, Abeysiriwardhana D, Liyanage N.

Int J Womens Health. 2018 Jun 26;10:329-335. doi: 10.2147/IJWH.S162867.

45. Tissue Micro Array; establishing a cost-effective tool for cancer biomarker research in Sri Lanka
Mudduwa LKB, Gunasekera SN, Gunawardhana GGDD. *Galle Medical Journal*, Vol 23: No. 1, March 2018
46. Amarasiri, A.M.S.S., Attanayake, A.P., Jayatilaka, K.A.P.W., **Mudduwa L.K.B.** Acute Nephroprotective and Antioxidant Activities of Aqueous Leaf Extract of *Plectranthus amboinicus* (Roxb.) Grown in Sri Lanka. *Journal of Pharmacognosy and Phytochemistry* 2018; 7(4): 155-161.
47. Amarasiri, A.M.S.S., Attanayake, A.P., Jayatilaka, K.A.P.W., **Mudduwa L.K.B.** Animal models of chronic kidney disease: Screening tool to investigate nephroprotective effects of natural products (Review). *International Journal of Pharmaceutical Chemistry and Analysis* 2018: 5(2): 52-58
48. Eranga Harshani Silva, Chandima Madhu Wickramatilake, Sarath Lekamwasam, **Lakmini Kumari Boralugoda Mudduwa**, Ranjuka Arushana Ubeyisiri Vascular dysfunction and atherosclerosis in chronic kidney disease; A distinct entity *Journal of Nephropathology J Nephropathol* DOI: 10.15171/jnp.2019.17
49. Sandamali, J.A.N., Hewawasam, R.P., Jayatilaka, K.A.P.W., **Mudduwa, L.K.B.**, 2019. Dose-dependent cardiac effects of doxorubicin in wistar rats: A biochemical and histopathological analysis. *International Journal of Pharmaceutical Sciences and Research*, 10(6), pp.2700-710.
50. **Mudduwa, L.**, Peiris, H., Liyanage, T. and Abeysiriwardhana, D., 2019. Molecular Classification of Breast Cancers using Immunohistochemical Surrogates; The Sri Lankan Experience. *Journal of Diagnostic Pathology*, 14(1), pp.10-19. DOI: <http://doi.org/10.4038/jdp.v14i1.7767>
51. **Mudduwa, L.**, Peiris, H., Liyanage, T., Gunasekera, S. and Ranawaka, N., 2019. Trends in Clinico-pathological and Risk Factor Profile of Breast Cancer; 10-year Experience at a Single Center in Sri Lanka. *Journal of Diagnostic Pathology*, 14(2), pp.5-12. DOI: <http://doi.org/10.4038/jdp.v14i2.7772>
52. Sandamali, J.A.N., Hewawasam, R.P., Jayatilaka, K.A.P.W., Mudduwa, L.K.B., 2020. Cardioprotective potential of *Murraya koenigii* (L.) Spreng. leaf extract against doxorubicin-induced cardiotoxicity in rats. *Evidence-Based Complementary and Alternative Medicine*, 2020. doi: 10.1155/2020/6023737.
53. Amarasiri, S.S., Attanayake, A.P., Arawwawala, L.A.D.M., Jayatilaka, K.A.P.W., Mudduwa, L.K.B. Protective effects of three selected standardized medicinal plants used in Sri Lankan traditional medicine on adriamycin induced nephrotoxicity in Wistar rats. *Journal of Ethnopharmacology* 2020. Article ID 112933. <https://doi.org/10.1016/j.jep.2020.112933>
54. Amarasiri, S.S., Attanayake, A.P., Arawwawala, L.A.D.M., Jayatilaka, K.A.P.W., Mudduwa, L.K.B. Acute and 28-Day Repeated-Dose Oral Toxicity Assessment of *Abelmoschus moschatus* Medik. in Healthy Wistar Rats. *Evidence-Based Complementary and Alternative Medicine* 2020. Article ID 1359050. <https://doi.org/10.1155/2020/1359050>

55. Amarasiri, S.S., Attanayake, A.P., Arawwawala, L.A.D.M., Jayatilaka, K.A.P.W., Mudduwa, L.K.B. Standardized aqueous stem bark extract of *Gmelina arborea* Roxb. possesses nephroprotection against adriamycin-induced nephrotoxicity in Wistar rats. *Drug and Chemical Toxicology* 2020. DOI: 10.1080/01480545.2020.1811721
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AJCC prognostic stage grouping of breast cancer, an outcome-based validation against anatomic staging
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Immunohistochemical assessment of PTEN expression in ER positive breast cancers
Poster presentation at the Annual Academic Sessions 2019, Sri Lanka College of Oncologists
107. JAN Sandamali, RP Hewawasam, K Jayatilaka, **LKB Mudduwa**

Aqueous bark extract of *Nauclea orientalis* (Bak mee) attenuates doxorubicin induced inflammation and apoptosis in Wistar rats. Faculty of Allied Health Sciences University of Sri Jayewardenepura
108. Wijesiri TW, Liyanage TG, **Mudduwa LKB**
A Study on “Non-Invasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features (Niftp)”, in a Sri Lankan Cohort.
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