

1. Application Number: 34/19

Title: Association between dietary patterns and fatty acid composition of atherosclerotic plaque in patients undergoing Coronary Artery Bypass Surgery (CABG).

P.I. Dr. Dakshika Wanniarachchi

Supervisors/ Co-Investigators: Prof. Lal Chandrasena, Prof. Hemantha Peiris, Prof. P.P.R. Perera, Mr. E.M.S. Bandara, Dr. A.G. Jayakrishan, Dr. H.D. Waikar, Dr. S.K. Sharma, Dr. Visula Abeysuriya

2. Application Number: 38/19

Title: Genotype- Phenotype correlation, identification and validation of fluid biomarker signature of Duchenne Muscular Dystrophy and Spinal Muscular Atrophy and the effect of natural products.

P.I.: Prof. Ranil de Silva

Supervisors/ Co-Investigators: Mr. W.H.M.D.N.B. Wijekoon

3. Application Number: 40/19

Title: A study on pharmacological properties and development of herbal formulations from active fractions of *Mangifera zeylanica*.

P.I.: Ms. S.L.A. Gunawardana

Supervisors/ Co-Investigators: Dr. M.A. Siriwardhene, Dr. N.M.S. Sirimuthu, Dr. Chinthika P. Gunasekara

4. Application Number: 41/19

Title: Care pathways, care delays and correlates of care delays among pulmonary tuberculosis patients attending District Chest Clinics in Sri Lanka.

P.I.: Dr. Mizaya Cader

Supervisors/ Co-Investigators: Dr. Nirupa Pallewatta, Dr. S.A. Hewage, Dr. Manjula Danansooriya, Dr. Sumal Nandasena, Dr. E.L.V. Hemamali, Dr. S.K.P.A. Fernando, Dr. Sothilingam Kajanana, Dr. K.V. Suriaarachchi, Dr. D.G.A.Y. Senadheera, Dr. G.D.K. Neranjan

5. Application Number: 43/19

Title: Quality of life and satisfaction on usage of prosthesis, rehabilitation and body image among below knee amputees in Sri Lanka.

P.I.: Ms. K.M.D. Nedeeshani

Supervisors/ Co-Investigators: Prof. Shamini Prathapan, Dr. G. Kisokanth

6. Application Number: 44/19

Title: Cross sectional survey of child targeted food marketing strategies used in Sri Lankan market and assessment of true nutritional quality of those food items.

P.I.: Dr. M.A.M.N. Gamage

Supervisors/ Co-Investigators: *Dr. Bawantha Gamage, Dr. C.S. Kodikara*

7. Application Number: 07/18

Title: Awareness about genetics and its applications among individuals attending health clinics in the Kesbawa divisional secretariat division in the Colombo district and Colombo South Teaching Hospital.

- 8. P.I.:** Dr. E.A.S.T. Edirisinghe.
Supervisors/ Co-Investigators: Prof. S.G. Yasewardene, Dr. P.H.Dissanayake, Dr. V. Tenakkon, Dr. S. Dissanayake, Dr. M.H.P. Dissanayake, Mrs. K. Rathnayake.
- 9. Application Number: 08/18**
Title: Ability of manipulation of image representation of three-dimensional structures in mind among a sample of preclinical medical undergraduates, Faculty of Medical Sciences, University of Sri Jayewardenepura.
P.I.: Dr. E.A.S.T. Edirisinghe.
Supervisors/ Co-Investigators: Prof. S.G. Yasewardene, Dr. P.H.Dissanayake, Mrs. K. Rathnayake.
- 10. Application Number: 45/18**
Title: A descriptive study of coping strategies, depression and emotionally unstable personality traits, in an adult population, presenting with Deliberate Self Harm (DSH), to a tertiary care facility in Sri Lanka.
P.I.: Dr. D.L.U. Amarakoon.
Supervisors/ Co-Investigators: Prof. Samudra Tarangani Kathriarachchi, Prof. Shamini Prathapan.
- 11. Application Number: 53/18**
Title: Awareness and practices of foot care among patients with diabetes attending Colombo South Teaching hospital, prior to onset of diabetic foot.
P.I.: Dr. N.D. Jayaweerabandara.
Supervisors/ Co-Investigators: Dr. A.G.H. Sugathapala
- 12. Application Number: 23/18**
Title: Effects of mindfulness meditation on electrical activities of the brain of meditating Buddhist monks and patients with diabetes and it's effect on glycaemic control.
P.I.: Dr. M.G.C.P. Marasinghe.
- 13. Application Number: 28/18**
Title: Reference values/Normative standards for spirometry parameters in children aged 4-7 years in Colombo District, Sri Lanka.
P.I.: Ms. D.M.N.D. Senevirathne.
Supervisors/ Co-Investigators: Dr. Guwani Liyanage, Dr. W.A.D. Lakmali Amarasiri, Ms D.P. Kanthi Manel.
- 14. Application Number: 37/18**
Title: Cardio-pulmonary fitness amongst Sri Lankan national athletes engaged in running events, their determinants, and effects of specialized training on cardiopulmonary fitness of male long distance running athletes.
P.I.: Dr. K.D.C.U. Wijayasiri.
Supervisors/ Co-Investigators: Prof. S.W. Wimalasekara, Prof. S. Sivayoghan, Prof. Yoshihiro Ishikawa.

15. Application Number: 48/18

Title: Prevalence of Gender based violence (GBV) and feasibility of a community support group for prevention and mitigation of GBV in the Muslim community of Puttlam.

P.I.: Dr. Fathima Ishra Nazeer.

Supervisors/ Co-Investigators: Prof. Kumudu Wijewardene

16. Application Number: 17/19

Title: Effect of selected Sri Lankan traditional low country dances on healthy volunteer spectators' heart rate and the ECG pattern: a baseline study.

P.I. Dr. (Mrs.) W.V.P.H. Ranaweera

Supervisors/ Co-Investigators: Prof. P.P. Rasika Perera, Dr. Chandrike Ponnampereuma

17. Application Number: 27/19

Title: The role and characteristics of microbiome in Cutaneous Leishmaniasis lesions caused by *Leishmania donovani* in Sri Lanka.

P.I.: Dr. T.D. Jayasena Kaluarachchi

Supervisors/ Co-Investigators: Prof. Surangi Yasawardene, Prof. Renu Wickremasinghe, Dr. M.M. Weerasekera, Dr. P.H.K.I.S. Ranasinghe, Prof. Andrew J. McBain

18. Application Number: 30/19

Title: Cardio Respiratory Effects of Tobacco Smoking, and Smokers Compliance to a Tobacco Smoking Cessation Programme amongst Male Smokers in Colombo District, Sri Lanka; A quantitative and qualitative study.

P.I.: Mr. H.M.P. Herath

Supervisors/ Co-Investigators: Prof. S.W. Wimalasekara, Dr. A.A.T.D. Amarasekara, Dr. Manoj Fernando

19. Application Number: 32/19

Title: Evaluation of novel urinary biomarkers for early detection of Chronic Kidney Disease of Unknown aetiology (CKDu) in Sri Lanka.

P.I.: Prof. J.K.P. Wanigasuriya

Supervisors/ Co-Investigators: Prof. P.P. Rasika Perera, Dr. Asanga Ranasinghe

20. Application Number: 33/19

Title: A study of biological and environmental factors in an endemic area for identification of CKDu aetiology.

P.I.: Prof. J.K.P. Wanigasuriya

Supervisors/ Co-Investigators: Prof. M. Pathmalal

21. Application Number: 42/19

Title: Occurrence of hypocalcaemia following therapeutic plasma exchange procedures among patients in Sri Jayewardenepura General Hospital.

P.I.: Dr. A.M. Abeywardane.

Supervisors/ Co-Investigators: Dr. A.L. de Silva, Dr. H.A.M.D.S. Perera

22. Application Number: 14/19

Title: Microbial Profiling of Gastric Microflora and the Associated Histopathological Severity of Gastric Mucosae in Patients with Dyspepsia.

P.I. Senior Prof. Neluka Fernando

Supervisors/ Co-Investigators: Dr. M.M. Weerasekera, Dr. T.D.C.P. Gunasekara, Prof. D.D. Weerasekara, Prof. M.B.S. Senevirathne

23. Application Number: 19/19

Title: Touch screen usage in early childhood and factors associated associated with usage – A descriptive cross sectional study.

P.I.: Dr. Manori Gamage

Supervisors/ Co-Investigators: Dr. T.D.N. Palliyaguru, Dr. P.L.S. Periris, Dr. D.S. Fernando, Dr. D.N. Fonseka.

24. Application Number: 21/19

Title: Assessment of saliva for early biomarkers in oral squamous cell carcinoma and their relationship to selected risk factors among patients attending to National cancer hospital and Colombo South Teaching Hospital in Sri Lanka.

P.I.: Dr. Nadisha Sewwandi Piyarathne

Supervisors/ Co-Investigators: Prof. J.A.P. Jayasinghe, Dr. Rasha Abu Eid, Dr. Ekta Gupta, Dr. M.M. Weerasekera, Prof. Surangi Yasawardena, Dr. Kanishka de Silva, Dr. Sunil Karunathilake, Dr. P.F.D. Fonseka, Dr. Chandima Jeewandara.

25. Application Number: 35/19

Title: Proportion of Multimorbidity and its association with selected factors at two selected clinic in the Colombo District.

P.I.: Prof. Shamini Prathapan.

Supervisors/ Co-Investigators: Dr. Thushara Matthias, Dr. Chamath Fernando, Dr. B.M.A. Charuni Yashodara

26. Application Number: 37/15

Title: Determination of GI of selected food products.

P.I. Prof. Sagarika Ekanayake:

Supervisors/ Co-Investigators: Ms. Hirushika Fernando

27. Application Number: 42/18

Title: Molecular characterization, isolation and chemical characterization of active compound/s of a novel marine sponge species, *Haliclona (Soestella)* sp, from Sri Lanka.

P.I.: Dr. K.V.K. Gunathilake

Supervisors/ Co-Investigators: Prof. P.V.Udagama, Prof. B.G.D.N.K. De Silva, Ms. L.M.S.M. Rathnayake

28. Application Number: 46/18

Title: Thrombolytic activity of *A. crispus* and *A. rigidifolius* (main study: Pharmacognosy and bioactivities of Aponogeton species).

P.I.: Ms. Ranuja Sarveswaran

Supervisors/ Co-Investigators: Prof. Sugandhika Suresh, Dr. W.J.A.B.N. Jayasuriya

29. Application Number: 50/18

Title: Prevalence of Pulmonary Tuberculosis and associated factors among Prison inmates in prisons situated in Colombo District, Sri Lanka.

P.I.: Dr. Mohammed Refai M.A.C.

Supervisors/ Co-Investigators: Dr. A.K.S.K. Ariyaratne, Prof. Shamini Prathapan, Dr. Pallewatte Nirupa Chandani, Dr. Lilani Indrika Karunanayake, Dr. R.M.A.D.L. Rathnayaka, Dr. Ramanathan Senthil kumar, Dr. Kalani Dilrukshika Abeywardene, Dr. N.C. Kodithuwakku

30. Application Number: 51/18

Title: DNA analysis of the skeletal remains found in prehistoric sites in Sri Lanka.

P.I.: Prof. S.G. Yasawardene

Supervisors/ Co-Investigators: Prof. David Reich, Dr. K.M. Chandimal

31. Application Number: 02/19

Title: Study on knowledge, awareness of hypertension and adherence to medication among hypertensive patients followed up at Medical Clinics, Colombo South Teaching Hospital, Kalubowila, Sri Lanka.

P.I.: Dr. Selldurai Pirasath

Supervisors/ Co-Investigators: Prof. Kamani Wanigasuriya, Dr. A.G.H. Sugathapala

32. Application Number: 03/19

Title: Pre-interns' perceptions regarding anaphylaxis.

P.I.: Prof. C.N. Wijekoon

Supervisors/ Co-Investigators: Prof. Pradeepa Jayawardane, Dr. Indika Wettasinghe, Dr. Palinda Madusanka Thenuwara

33. Application Number: 06/19

Title: Selected treatment adherence behaviours and dialysis adequacy among patients undergoing haemodialysis and patients' experiences of haemodialysis care in selected government hospital dialysis units in Colombo district, Sri Lanka.

P.I.: Ms. T.L.C. Lasanthika

Supervisors/ Co-Investigators: Prof. Kamani Wanigasuriya, Dr. C.S.E. Goonewardena, Dr. U.P.K. Hettiaratchi, Dr. A.A.T.D. Amarasekara.

34. Application Number: 12/19

Title: Determination and verification of reference ranges for some clinically important parameters based on the population served by Nawaloka Hospital.

P.I.: Ms. Chamika Piyushani Wickramaarachchi.

Supervisors/ Co-Investigators: Prof. Rasika Perera, Prof. Hemantha Peiris, Dr. Champa Jayaweera.

35. Application Number: 13/19

Title: Demography, presentation, management and outcome of patients with chronic kidney disease admitted to Colombo South Teaching Hospital

P.I.: Dr. Subatharshini Sountharalingam

Supervisors/ Co-Investigators: Prof. Kamani Wanigasuriya

36. Application Number: 35/18

Title: Reference values for lung function parameters of Sri Lankan Tamils in Northern Sri Lanka and effect of pulmonary rehabilitation on patients with Chronic Obstructive Pulmonary disease in a selected hospital.

P.I. Dr. Mathanki Sooriyakanthan

Supervisors/ Co-Investigators: Prof. S.W. Wimalasekera, Dr. K. Sivapalan, Dr. Gowri Selvaratnam

37. Application Number: 49/18

Title: Defining correlates of protection in dengue infection.

P.I.: Prof. Neelika Malavige

Supervisors/ Co-Investigators: Dr. Chandima Jeewandara, Mr. Laksiri Gomes, Prof. Graham Ogg, Prof. Aravinda de Silva

38. Application Number: 04/19

Title: Prevalence and associated factors of Obstructive Sleep Apnoea among patients with acute stroke in a tertiary care centre in Sri Lanka.

P.I.: Dr. U.C.M. Undugodage

Supervisors/ Co-Investigators: Prof. U.K. Ranawaka, Dr. M. Danansuriya, Dr. Harindri Athukorala

39. Application Number: 05/19

Title: Antibiotic self-medication among final year university students of a selected university in Sri Lanka; a descriptive cross sectional study.

P.I.: Prof. Pradeepa Jayawardane

Supervisors/ Co-Investigators: Prof. C. Nirmala Wijekoon, Prof. C.A. Wanigatunge, Dr. G.V.N. Sandakumari, Dr. I. Wettasinghe, Dr. H.P.M. Thenuwara

40. Application Number: 15/19

Title: Social demographic factors, Risk profile, Associated co-morbidities and Blood sugar control of Diabetic Nephropathy patients admitted to a tertiary care Hospital in Sri Lanka.

P.I.: Dr. G.J.K.A.A. Jayawardana

Supervisors/ Co-Investigators: Prof. Kamani Wanigasuriya

41. Application Number: 16/19

Title: Assessment of nutritional status of inward patients in a general surgical unit in a Sri Lankan tertiary care centre.

P.I.: Dr. Bawantha D. Gamage

Supervisors/ Co-Investigators: Dr. M.A.C. Lakmal, Dr. C.S. Kodikara

42. Application Number: 22/19

Title: A descriptive cross sectional study on deliberate self-harm in adolescents presenting to a tertiary care referral setting in Colombo, Sri Lanka.

P.I.: Dr. Y.M. Rohanachandra

Supervisors/ Co-Investigators: Dr. S. Vipulanandan, Ms. H.G. Irosha Amarabandu

43. Application Number: 20/19

Title: Identification of known genetic markers/ genetic mutations on a selected group of Sri Lankan patients diagnosed with colorectal cancer and its association to the histological type, tumour grade and stage

P.I. Dr. Bawantha Gamage

Supervisors/ Co-Investigators: Dr.Bimalka Senivirathne, Dr. T. Kumaran

44. Application Number: 31/19

Title: Association of Perinatal anxiety and obstructive sleep apnoea during pregnancy: Effects on maternal, foetal and neonatal outcomes in Colombo District.

P.I.: Ms. M. Nirmala Priyadarshanie

Supervisors/ Co-Investigators: Prof. D.M.S. Fernando, Dr. C.S.E. Goonewardena, Dr. M.D.I. Amarasinghe Waas, Dr.Aindralal Balasuriya

45. Application Number: 52/19

Title: Association between Clinical Phenotypes of Autism Spectrum Disorder and Metabolic Profile: A Case-control Study.

P.I.: Dr. Y Dissanayake

Supervisors/ Co-Investigators: Dr. D.M.B.T Dissanayake, Dr. S.P Gunesekera,

46. Application Number: 57/19

Title: Development and validation of quality indicators for medication safety in Sri Lanka

P.I.: Ms. Indunil Pushpamala Waliwaththa

Supervisors/ Co-Investigators: Prof. Pradeepa Jayawardane, Prof. Priyadarshani Galappatthy

47. Title Perceived needs, expected services and care seeking behaviour of the adult cancer patients and their care givers, related to palliative care at the community setting in the Colombo district: A Qualitative research study.

P.I. Dr. Suraj Perera

Supervisors/ Co-Investigators: Dr. Sudath Samaraweera, Dr. Sampatha Goonewardena, Dr. M.K.D. Lalitha Meegoda, Dr. W.N.S. Dilhani, Dr. Gomi Kosala Muthukumarana, Dr. E.M.R.S. Ekanayake, Mrs. B.M. Devika Chandrani Banneheke.

48. Application Number: 10/19

Title: Comparison of Glucose and metabolic hormone response in obese children, following 3 rice based meals containing three types of resistant starch.

P.I.: Dr. Jananie Suntharesan

Supervisors/ Co-Investigators: Dr. Navoda Atapattu, Prof. Harendra de Silva, Prof. Sagarika Ekanayaka, Dr.Eresha Jasinge, Dr. L.D. Premawardena.

49. Application Number: 18/19

Title: Association between Clinical Phenotypes of Autism Spectrum Disorder and Metabolic Profile: A Case-control Study.

P.I.: Dr. N.L.R. Indika

Supervisors/ Co-Investigators: Prof. P.P. Rasika Perera, Prof. Hemantha Peiris, Prof. Nicolaas E. Deutz, Prof. Marielle P.K.J. Engelen, Dr Eresha Jasinge, Dr. G.S. Wijetunge.

50. Application Number: 28/19

Title: Holistic assessment of cancer pain: Evaluation of the use of a follow up pain assessment diary among patients with cancer pain, Apeksha hospital, Maharagama

P.I.: Dr. Nirosha Priyadarshani Edirisinghe

Supervisors/ Co-Investigators: Dr. C.S.E. Goonewardena, Dr. P.T.R. Makoluwa, Dr. A.A.T.D. Amarasekara, Dr. Suraj N. Perera

51. Application Number: 49/19

Title: *Ethnographic formative research to understand young child wasting in rural Sri Lanka.*

P.I.: Dr. Stephen R. Kodish

Supervisors/ Co-Investigators: Dr. Rasanjalee Hettiarachchi, Dr. K.Y.P.K. Weerasekara, Mr. Saman Kalupahana, Dr. Kate Sinclair, Dr. Xiang Gao

52. Application Number: 50/19

Title: *Feasibility & acceptability of introducing Non-Replicating Rotavirus Vaccine*

P.I.: Prof. Guwani Liyanage

Supervisors/ Co-Investigators: Jessica Price, Evan Simpson, Jessica Mooney, Nikki Gurley, John Bawa, Chris Odero, Rouden Mkisi, Khin (Thawdar) Shein, Carolyn Bain

53. Application Number: 39/19

Title: Validation of a method for detection of dengue RNA: Reverse transcriptase Loop mediated isothermal amplification assay

P.I. Dr. H.A.K.M. Gunasekera

Supervisors/ Co-Investigators: Prof. C.L. Goonasekara, Dr.Chamara Senaratne

54. Application Number: 47/19

Title: A comparison of effects of Umbilical Cord Non Severance at birth and Delayed Cord Clamping on Iron Stores of the new-borns who delivered by Elective Lower Segment Caesarean Sections: Double Blinded Randomized Control Trial

P.I.: Dr. A.J. Rubasinghe

Supervisors/ Co-Investigators: Dr. M.A.M.M. Jayawardane, Dr.Ruwanthi Perera

54. Application Number: 58/19

Title Investigating antibody and innate immune responses that lead to severe dengue.

P.I.: Prof. Neelika Malavige

Supervisors/ Co-Investigators: Dr. Chandima Jeewandara, Dr. Laksiri Gomes, Dr. Ananda Wijewickrama,

55. Application Number: 61/19

Title: Growth monitoring and promotion programme in Boralessgamuwa Medical Officer of Health area: an outcome evaluation

P.I.: Dr. K.L.M.D. Seneviwickrama

Supervisors/ Co-Investigators: Prof. Kumudu Wijewardene