

Lukshmy Menik Hettihewa PhD, MBBS.

Senior Professor and the Dean

Dean's Office,

Faculty of Health Sciences,

CINEC Campus, Malabe

Sri Lanka.

Research Scores

2020 Citations 180

2020 RG score 20.37

2020 H index 7, I10 index 4

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Past professional working experience

Former senior Professor of Pharmacology in the Faculty of Medicine University of Ruhuna with 25 years of experience in University of Ruhuna.

Former Founder Coordinator and course developer of the Bachelor of Pharmacy degree program Faculty of Medicine, University of Ruhuna Sri Lanka

Former and founder Technology Transfer Director, University of Ruhuna Former Head of the Department of Pharmacology, Faculty of Medicine, University of Ruhuna Former national service nominee to the Faculty of Medicine in Rajarata University in 2006.

Former and founder Head, Molecular Science and Biomedical Unit, Faculty of Medicine, University of Ruhuna

University of Ruhuna Senate member since 2007

Consultant for Non state sector of the Ministry of Higher Education.

Professional qualifications

2019 – Senior Professor of Pharmacology University of Ruhuna

2012 – Professor of Pharmacology Department of Pharmacology, Faculty of Medicine University of Ruhuna, Sri Lanka

Expertise area: clinical pharmacology, immunobiology, neutraceuticals and drug development from Natural Product, cell biology, Molecular Biology, ELISA, ELISPOT, FACS 2011 Professor in Pharmacology Faculty of Medicine University of Ruhuna, Sri Lanka

2008-2011 Senior Lecturer (Grade-I) Department of Pharmacology, Faculty of Medicine University of Ruhuna, Sri Lanka

2008-2002 Senior Lecturer (Grade II) Department of Pharmacology, Faculty of Medicine
University of Ruhuna, Matara, Sri Lanka

2002 – 1995 Lecturer (Probationary) Department of Pharmacology, Faculty of Medicine
University of Ruhuna, Matara, Sri Lanka

1993-1994 Medical officer in National Hospital, Colombo

1994-1995 Senior Medical Officer in Teaching Hospital, Galle

Educational qualifications

2002 - PhD Degree in Molecular Science and Immunobiology, combined study with University of Nagasaki Japan and granted by the University of Ruhuna, Sri Lanka in 2003.

1992 - MBBS (Peradeniya, Sri Lanka) in 1992 - Medical degree with second class honors in each examination.

Administrative Experience

Head of the Department of Pharmacology University of Ruhuna 2008 - 2017

Course Coordinator BPharm Degree program, Faculty of Medicine University of Ruhuna 2007 - 2011

Founder Technology Transfer Director of the University of Ruhuna – this is the new position introduced by the UGC of the Ministry of Higher Education and obtained

Responsibilities and Duties as Technology transfer Director of the University

I was successful in develop the entrepreneur culture among academia using their own research products and developments. I also encourage students to consider the targeted research for their undergraduate work and convince them about the technology transfer and IP protection. I engaged in face-to-face discussions to detect signals for good research products for technology identification and also did help in market analysis and market penetration opportunities for the researcher who want to become entrepreneurs. With my working and learning experience in innovation/ inventions and Technology identification in the University, I have succeeded with many innovative products in many faculties to the level of commercialization and for property protection at national and international level. I was able to give a leadership to change the commonly observed inertia among academic environment on product development in our country and helped them to develop considerable amount of willpower and ability.

Responsibilities and Duties as Professor

Administrative work as the Dean of the Faculty of Health Sciences CINEC Campus

Editor in Chief CINEC Academic Journal

Chairperson CINEC Ethics Committee

Head of the Department University of Ruhuna

Conducting lectures and laboratory classes in general Pharmacology, cardiovascular Pharmacology, respiratory pharmacology, endocrine pharmacology, neuropharmacology, autonomic pharmacology, dermatopharmacology, for MBBS undergraduate students and Bachelor of Nursing and B.Pharm Degree undergraduate students.

Supervising of Postgraduate research and Guiding of postgraduate research projects from post graduate institute of medicine for master program in molecular medicine course and separately in Clinical Pharmacology master program (Pharmacology)

Evaluating seminars, presentations, and essays of the postgraduate thesis of pharmacology or related discipline in other state postgraduate studies in faculties of graduate studies.

Setting and conducting examinations for Pharmacology MBBS program, MSC program in clinical pharmacology and therapeutics, Nursing and B.Pharm degree program.

Teaching Experience and curriculum development

I have been conducting lectures, tutorials and conduction of main examinations in Pharmacology, Pharmacology in nursing and Biotechnology and Molecular Medicine.

I have introduced three modules to the newly developing courses in this filed. Molecular Pharmacology in MSc Biotechnology (1.6.A1), Immunobiology in Molecular Medicine (1.6.A2), PGIM.

I have submitted a proposal to the Dean /Faculty of Medicine for establishment of BSc in Pharmacy (special degree and 3+1 degree) in university of Ruhuna well before the University thought of doing it in 2006. Document which was submitted in 2004 is attached herewith with Dean's endorsement

Post graduate Supervision

1. Name: A.M.M.B. Munasinghe (MPhil) - completed

Project: Investigation of anti-cancer properties of Katupila, *Fluggea leucopyrus* Willd; isolation and characterization of active compounds. Grant: TURIS - 2013

2. Name: Sewwandi Subasinghe (MPhil) – completed. 2015

Project: Evaluation of antidiabetic effects of different types of extracts of *costus speciosus* in rat model. Grant: RESEARCH GRANT FROM FACULTY OF MEDICINE -2014

3. Name: Dr Lalith Weerasinghe MSc one year research project in Molecular Medicine Post graduate institute of Medicine University of Colombo (completed) 2012 The Association between interferon gamma and insulin resistance in obese women with Polycystic syndrome

4. Name: Ms Kithmini Mphil University of Ruhuna (ongoing)

Project: preclinical studies and immunomodulatory properties of *Alpinia calcarata* and *Salonum surattense* in human cell lines and immunocompromised mice and rats

5. Name: Suresh Jayarathna - Chinese Shandong Analysis and test center, Shandong, China.) Sri Lankan collaboration project

Project: Investigation of medicinal plants, *costus speciosus*, *Aporosa Lindleyana* for their biochemical composition and antidiabetes activities with potential nutraceutical production (ongoing)

6. Main supervisor on Dr Nandula PGIM MSc student “effects of Azitimibe with combination with statin in lipid profile (ongoing research)

Research Interest

1. In Japan, malarial vaccine development with DNA transfections using retrovirus.
2. Pharmacovigilance, study of drug use patter in different hospitals, DDD analysis
3. Mechanism of improvement of insulin resistance with pioglitazone in diabetes.
4. Effects of pioglitazone on insulin resistance and bone inflammatory markers in PCOS syndrome.
5. Molecular mechanism of inducing glucose intolerance by thiazide.
6. The efficacy of garlic on lipid profiles and its synthesis in human.
7. The Molecular mechanisms of toxicity of therapeutic doses of garlic on rats.
8. Therapeutic efficacy of garlic on bronchial-hyper-responsiveness and inflammatory cells of exudates of asthmatic patient
9. Potential drug investigation of unused medicinal plants of Sri Lanka to discover novel potent biologically active compounds especially for cancers and diabetes mellitus.
10. Isolation of active compounds from *Fluggea leucopyrus* (wild) against human ovarian carcinoma.
11. Exploration of medicinal herbs for possible preparation of value-added products as nutraceuticals and other food supplements
12. Scientific investigation of herbal medicines available in the local market for quality assurance purpose.
13. Development of nutraceutical products for prevention of dementia
14. Project in identifying suitable flavonoids for correction of insulin resistance and metabolic syndrome.

Ongoing Research

Investigation potential drug molecules in medicinal herbs used in cancer treatment in traditional system of medicines in Sri Lanka.

Exploration of the possibility for preparation of multi target multi compound nutraceutical for insulin resistance and related disorders.

Research grants

Title: Investigation of Anti-cancer properties of *Flueggea leucopyrus* (Willd), characterization of active compounds. Amount: Rs. 2 million, awarded by: University of Ruhuna, "Transforming of the University of Ruhuna to International Standard" (TURIS), 2012 -2015 (completed).

Grant 2 - Investigation of the medicinal plants, *Costus speciosus* and *Aporosa lindleyana* for their biochemical composition and anti-diabetes activities, and for preparation of nutraceuticals. Fully funded with Shandong Analysis and test center, Shandong, China.

Grant 3 – Selected for final round of AHEAD grants 2019

Research publications

Liu Z, Hettihewa M, Shu Y, Zhou C, Wan Q, Liu L. The mechanism of the adsorption of dsDNA on citrate-stabilized gold nanoparticles and a colorimetric and visual method for detecting the V600E point mutation of the BRAF gene. 2018 Mikrochim Acta. 2018 Mar 27;185(4):240. doi: 10.1007/s00604-018-2775-9.

Hettihewa menik , Vajira Bulugahapitiya, Amila Miunasinghe, Nubuhira Kihara. Cytotoxic Assay and Human Telomerase Reverse Transcriptase Assay of *Flueggea leucopyrus* Willd. on Human Ovarian Carcinoma Cells Conference Paper 13th th Academic Session, University of Ruhuna, Sri Lanka march 2016 Volume: 13.

Hettihewa menik, Vajira Bulugahapitiya, Amila Miunasinghe, Nubuhira Kihara. Evaluation of Anti-Oxidant Power of *Flueggea leucopyrus*. Willd, a Medicinal Herb Used as Complementary Medicine for Cancer and Characterization of New Anti-Cancer Compounds conference paper February 2016, 18th International Conference on Natural Products and Drug Discovery. Qualar Lumpur, Malaysia

L.M. Hettihewa, M.M.A.B. Munasinghe, Vajira P. Bulugahapitiya, Nobuhira Kihara. Dose dependent anti proliferative and cytotoxic effects of *flueggea leucopyrus* willd against human ovarian carcinoma; mts and human telomerase enzyme inhibition European Journal of Biomedical AND Pharmaceutical sciences 2015; 2:7 14-18

Subasinghe HWAS, Hettihewa LM, GunawardenaS, Liyanage T. Evaluation Of Aqueous Extract Of *Costus Speciosus* (J.König)Sm. Leaf For Hepatic And Renal Toxicities: Biochemical And Histopathological Perspectives ejpmr, 2015,2(4), 01- 12

Hettihewa LM, Sirisena B. Causality assessment and the severity of the adverse drug reactions (ADR) actively detected in hospital in patients in tertiary care hospital Sri Lanka: prospective

observational survey. Asian Journal of Research in Biological and Pharmaceutical Sciences. 2(1), 2014, 1 - 10.

Vajira P. Bulugahapitiya, Amila Bandara Munasinghe and Menik Hettihewa. Investigation of chemical composition of flueggea leucopyrus (willd.) World journal of pharmacy and pharmaceutical sciences, 2014; 3:8;79-94. ISSN 2278 – 4357

Sandhya VG. Nair, Menik Hettihewa and H. P. Vasantha Rupasinghe. Apoptotic and Inhibitory Effects on Cell Proliferation of Hepatocellular Carcinoma HepG2 Cells by Methanol Leaf Extract of Costus speciosus. Biomed Research International, Volume 2014, Article ID 637098, 10 pages. <http://dx.doi.org/10.1155/2014/637098>

Subasinghe HWAS, Hettihewa LM Gunawardana S, Liyanage T. Methanol and water extracts of costus speciosus (J KONIG) leaves reverses the high fat diet induced peripheral insulin resistance in experimental wistar rats. Int. res. J. Pharm 2014;5(2)

Knowledge of Sri Lankan government medical practitioners and medical students on standard treatment guidelines; regional cross sectional survey 2013 IJNPD 3;2 108-113. <http://www.ijnpd.com/article.asp?issn=2231-0738;year=2013;volume=3;issue=2;spage=108;epage=113;aulast=Hettihewa;type=0>

Hettihewa LM. Tharanga Dadallage and Inoka Wimalasena. Core knowledge in key policies in drug formulary and interventions for prescribing practice among medical officers and students; Sri Lanka perspective. Int. res. J. Pharm 2013;4(12)

Hettihewa LM Prospective analysis of actively screened adverse drug reaction profile presented into the inpatient ward in government tertiary hospital in Sri Lanka. Clin Exp Pharmacol 2012, 2:3. <http://dx.doi.org/10.4172/2161-1459.S1.003>

Hettihewa LM, Wimalasena I Dadallage T. Cost - utility analysis of parenteral antibiotics prescribed in medical wards in a tertiary care health facility in southern province of Sri Lanka OJHAS 11 ;3 July Sept 2012

Hettihewa LM percepts and practices in drug use indicators at government health care facilities; hospital based prospective analysis. IJP 2011 43; 1 91-2. It is indexed in science citation index. <http://medind.nic.in/ibi/t11/i1/ibit11i1p89.pdf>

Hettihewa LM prolong expression of MHC class I peptide expression in bone marrow derived retrovirus transfected matured dendritic cells by continuous centrifugation in the presence of IL 4. IJMR . Indian J Med Res v.134(5); Nov 2011 International journal of medical research is an official publication of Indian Journal of medical research and indexed in Science citation index as well. <http://icmr.nic.in/ijmr/2011/november/1113.pdf>

Hettihewa LM, Effects of HCT on K dependent pancreatic response and the correlation with blood sugar insulin in patients with essential hypertension IJNPND 2011 1;1 73-77. <http://www.ijnpnd.com/article.asp?issn=2231-0738;year=2011;volume=1;issue=1;spage=73;epage=77;aulast=Hettihewa>

Hettihewa LM and Weerathna TP. Comparison of McAuley/fasting insulin indices with ATP III clinical criteria for the diagnosis of insulin resistance in type 2 diabetes mellitus. 2011J Pharmacol Pharmacother. 2011 Jul-Sep; 2(3): 165-69. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3157124/>

Hettihewa LM. Amrasinghe ATIM, Jayarathna KAKT. Prospective encounter study the degree of adherence to patient care indicators in Health Care facilities; Sri Lankan perspective. J pharm Bioall Sci v.3(2); Apr-Jun 2011 <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3103928/>

Hettihewa LM, Jayarathna KAKT Comparison of the Knowledge in Core Policies of Essential Drug List Among Medical Practitioners and Medical Students in Galle, Sri Lanka OJHAS Vol. 9, Issue 3: (Jul - Sep, 2010). This journal is indexed and peer review journal published more than two issues per year. <http://www.ojhas.org/issue35/2010-3-7.html>

Hettihewa L Menik, Amrasinghe I.Isuru, Subasinghe Sewwandi Survey ; Precepts and Practices in Drug Use Indicators at Government Health Care facilities; A Hospital Based Prospective Analysis. J pharm Bioall Sci pharm Bioall Sci 2010 v.3(1); <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3053516/>

Hettihewa Lukshmy Menik A randomized double blind clinical trial of commercial garlic on improvement of lung functions in asthmatic patients 2009. Proceedings of 6th Annual sessions University of Ruhuna page 16-9

Lukshmy M. Hettihewa, Sudheera S. Jayasinghe, Thilak P. Weerathna, Imendra Kotapola. (2008) Correlation between changes of blood pressure with insulin resistance in type 2 diabetes mellitus with 4 weeks of pioglitazone therapy. Int. J. Diab .develp. Ctries, vol 28; 1 26-30 pp This

journal is included in science citation index expanded.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2772002/>

Lukshmy M. Hettihewa, Lalith P Dharmasiri, Chamil D Ariyaratna, Sudheera S. Jayasinghe, Thilak P. Weerarathna, Imendra Kotapola. (2007) significant correlation between BMI/BW with insulin resistance by McA, HOMA and QUICKI indices after 3 months of pioglitazone therapy. Galle Med.jour 12;1 18-24. <http://ehealth.lk/gma/publication/2007/Articles.pdf>

M. Hettihewa, Shalika Palangasinghe, Sudheera S. Jayasinghe Sudari W. Gunasekara, Thilak P. Weerarathna, Imendra Kotapola. (2007) Lipid abnormalities in type 2 diabetes mellitus patients in Sri Lanka G.M.Journ. 12; 1 pp 1-4 <http://www.sljol.info/index.php/GMJ/article/view/1076/984>

Jayasinghe SS, Hettihewa LM, Gunasekara SW, Palangasinghe S, Weerarathna TP, Remission of Diabetes Mellitus for 5 months after the treatment with Pioglitazone for type 2 Diabetes Mellitus; case report (2006) G.M.Journ vol 11;01 pp 54-6.

Lukshmy M. Hettihewa, Shalika Palangasinghe, Sudheera S. Jayasinghe Sudari W. Gunasekara, Thilak P. Weerarathna Comparison of insulin resistance by indirect methods - HOMA, QUICKI and McAuley - with fasting insulin in patients with type2 diabetes in Galle, Sri Lanka: A pilot study Authors Online J Health Allied Scs.2006; 1:2 URL <http://www.ojhas.org/issue17/2006-1-2.html>. This journal is indexed and peer review journal published more than two issues per year

Hettihewa Luskhmy Menik, Jayasinghe Sudeera Sammanthi, Weerarathna Thilak Priyantha, Gunasekara Sudari Wijewickrama, Palangasinghe Shalika, Imendra Kotapola. Genetic association between insulin resistance and total cholesterol in type 2 Diabetes Mellitus -A preliminary observation URL: <http://www.ojhas/issure13/2005-1-4.html>

Hettihewa L.M. Immunization of retrovirus transfected dendritic cells induces specific cytotoxic T lymphocytes for two distinct malarial peptides by Kd molecule. Journal of Immunopharmacology. 2003 Vol 3/10-11 pp 1401-1411. <http://www.sciencedirect.com/science/article/pii/S1567576903001371> (Included in science citation index). It won the presidential award in 2003

Lukshmy Menik Hettihewa. Use of genetic markers for identification of cells. GMJ 2004 9:1 20-1. 30. Hettihewa L.M. (2003) Molecular Diagnostics in clinical Practice G.M.Journ Vol 4 (12-15) 31. Lukshmy Hettihewa L.M, Fernando A, Pathirana C1998: Therapeutic evidence from human experiments of garlic and its important application in different disease entities. G.M.Journ. Vol 3(1) (5-7)

Books

Learning objective in Pharmacology.

P drug concept for both undergraduate and postgraduate students and practicing doctors.

Presentations

Oral presentation on 38 joint conferences on parasitic diseases by Japan- United States Cooperation Medical Science programme held in New Nagasaki Hotel, Japan in August 2002, . Hettihewa L.M. Induction of antigen specific CD 8+ T cells by immunization with genetically engineered dendritic cells expressing Malaria-surface sporozoite protein 2 (SSP2).

Oral presentation ;Effects of Thiazide Diuretic On correlations among Blood Sugar, Insulin and Serum K+ levels in patients with Essential Hypertension Lukshmy M Hettihewa, Roshan Paranawithana, Nayana Weerasinghe, Nelka Warusavithana in annual academic sessions / University of Ruhuna November 2006

Poster presentation Correlation between McAuley and lipoprotein ratios in the measurement of IR in non- obese type 2 Diabetes (T2DM) Lukshmy M Hettihewa Thilak P Weerarathna, Sudheera S Jayasinghe, Kotapola G Imendra in annual academic sessions / University of Ruhuna. November 2006

Oral presentation -Correlation between BMI and insulin resistance in type 2 diabetes patients on pioglitazone treatment. Hettihewa L.M. 2007, GMJ

Poster presentation Asian congress in autoimmunity 2009 presented the abstract as a poster on” High Maturation efficacy and MHC class I-peptide expression of bone marrow derived matured dendritic cells by antigen transfected retrovirus by IL-4” 4th Hettihewa L.M. Asian congress on Autoimmunity Singapore September 11-13 2009

Poster presentation –An analysis of drug use indicators in Government Health Care facilities in Galle Sri Lanka. Hettihewa L.M. Amrasinghe A.T.I.M, Subasinghe H.W.A.S National Medicine 26-28 May 2010 Australia

Poster presentation – Prospective encounter study on patient care indicators in health care facilities. Hettihewa L.M. Amarasinghe A.T.I.M, Subasinghe H.W.A.S ISPOR 4th Asia pacific Conference on 5-7 September 2010 Thailand

Poster presentation -Descriptive study o lipid profiles inpatients with type2 diabetes Mellitus Hettihewa LM, Gunasekara S.W 2004 12-14 November Student Scientific sessions, Faculty of Medicine University of Colombo

Oral presentation - Genetic association of diabetes with insulin resistance in patients with type 2 diabetes Hettihewa L.M. Jayasinghe S.S. 2004 12-14 November Student Scientific Sessions Faculty of Medicine University of Colombo

Oral presentation - Comparison of insulin resistance by Mc Auley index and fasting insulin level in type II diabetes Hettihewa LM Palangasinghe 2004 12-14 November Student Scientific Sessions Faculty of Medicine University of Colombo

Weerarathna TP, Hettihewa LM Jayasinghe SS and Imendra KG. Prevalence of Insulin resistance in individuals with type 2 Diabetes by different assessment methods. 118th SLMA annual sessions, March 2005

Poster presentation – Prolong expression of MHC class I molecules with high maturation efficacy of bone marrow derived retrovirus transfected dendritic cells by prolong centrifugation Hettihewa LM 14th international congress of autoimmunity Kobe Japan 22-27 August 2010

Poster presentation – prospective cross sectional surveillance on dispensing efficacy, drug availability and quality of labeling using patient care indicators in health care facilities in Galle district. Hettihewa LM, Jayarathna K 17th -23rd July 2010, Copenhagen, Denmark 2010

Poster presentation – Comparison of the knowledge in core policies of essential drug list among medical practitioners and medical students. Hettihewa L. M. Jayarathna K. 17th -23rd July 2010, Copenhagen, Denmark 2010

Subasinghe HWAS, Gunawardana S and Llyanage T. Induction of insulin resistance/ impaired glucose tolerance in experimental Wistar rats fed on modified high fat diet regime.

Oral presentation GMA session oct 2012 Poster presentation Subasinghe HWAS, Gunawardana S and Llyanage T. Cumulative quantal dose responses of costus speciosus leaves on the lipid subprofile in high fat diet induced insulin resistant wistar rats. 6th asian association of school of pharmacy conference, National University of Singapore. 14th – 17th November 2013

Costus speciosus leave water extract reduces the atherogenic risk I high fat diet induced insulin resistant rats. 6th Asian association of school of pharmacy conference, National University of Singapore. 14th – 17th November 2013

Poster presentation. sandhya Nair¹, Menik Hettihewa² and H.P. Vasantha Rupasinghe. Leaf extract of Costus speciosus induces apoptosis in human hepato cellular carcinoma cells. Canadian cancer research conference Nov 3-6 in Toronto

Subasinghe HWAS, Gunawardana S and Llyanage T. Quantal dose response relationship of leave extracts of costus speciosus on achieving peripheral insulin sensitivity in high fat diet fed

experimental rat model. 4th academic sessions. Post Graduate Institute of Medicine, Colombo, Sri Lanka. 17th – 19th July 2013

Lukshmy M Hettihewa, D. Liyanage, B. Sirisena, T.M. Minipura Casualty assessment and the severity of the adverse drug reactions (adr) actively detected in inpatient tertiary care hospital Sri Lanka oral presentation at International conference of RISTON 2015 University of Ruhuna January 2015

M.T. Madushika, D.D.S. Liyanage, L.M. Hettihewa. Validity of glycaemic tests over insulin resistance indices in detecting peripheral insulin resistance in polycystic ovary syndrome – Sri Lankan Study International conference of RISTON 2015 University of Ruhuna January 2015

Evaluation of Anti-Oxidant Power of *Flueggea leucopyrus* Willd, a Medicinal Herb Used as Complementary Medicine for Cancer and Characterization of New Anti-Cancer Compounds". ICNPDD 2016: International Conference on Natural Products and Drug Discovery in Kuala Lumpur, Malaysia Feb 11-12, 2016

Awards

World bank DOR fund competitive winner 2019 project combined with Department of Chemistry, and Agriculture Sciences

Best research paper winner by National research Council 2012 Sri Lanka

Best poster presentation award by Annual academic awards at 6th academic sessions and 5th Vice Chancellors awards in University of Ruhuna 2009

Presidential awards 2003/5 to my paper on Immunization of retrovirus transfected dendritic cells induces specific cytotoxic T lymphocytes for two distinct malarial peptides by Kd molecule NT IMMUNOPHARMACOL 2003, Vol 3, Iss 10-11, pp 1401-1411

Best poster presentation award by Annual academic awards at annual academic sessions in University of Ruhuna 2006

Best oral presentation award by Annual academic award at annual academic sessions in University of Ruhuna 2006

SLMA best international paper award (CNAPT) 2005 by Sri Lanka medical council

Short term fellowship from the Indian Institute of Health management of Research Jaipur, India for training in irrational use of drugs. Travel grant was awarded by the WHO, Sri Lanka. Duration – 10th of December 2006 – 22nd of December 2006. SUSRED Award by NSF Sri Lanka, 2017: For the successful supervision and completion of postgraduate research (MPhil degree 2012-2015).

NSF Award -2016 for best presenter in anticancer drug discovery from natural product, NSF Research Summit – 2016, BMICH, Colombo, Sri Lanka. Title: Isolation and characterization of novel anti-cancer compounds against human ovarian carcinoma from the medicinal herb, *Flueggea leucopyrus* Wild.

Oration

Orations and presidential addresses: I won and conducted the postgraduate institute of Medicine University of Colombo Annual 4th oration in 2010

Special Services Reviewers

I am an invited reviewer to to the journal “International journal of Biomedical Science , ISSN 1550-9702

Reviewer for the Ceylon Medical Journal published in Sri Lanka. I do review article related to my specialty

Reviewer to the journal “Diabetes technology and therapeutics”, ISSN 1520-91056 since 2007

National Services

I was invited to do national services to the newly established Faculty of Medical and Allied Sciences in Anuradhapura. My duties were to develop curriculum in paraclinical program by the Minister of Higher Education.

Resource person / International invitations / international achievement

Resource person – training in Ethics 2020 CINEC Campus

Invited visitor to the United states patient office in Washington for technology evaluation and management 2019

Certified Trainer of Department of Commerce, USA for Commercial law development program for technology identification and commercialization 2019

International trainer in World international patent office 2018/2019

Trainer by WIPO Enabling IP environment with Ministry of Science and Technology 2017-2019

Trainer of the academic staff on Development of IP environment 2018/2019

National board member to the NMRA Ministry of Health 2017/2018

Secretary to the Board of borderline product in NMRA Ministry of Health 2018 onwards

Invited resource person – to develop curriculum in Pharmacy education in SAIMT campus 2016

Invited reviewer for higher degree evaluation in non-state sector of Ministry of Higher Education 2018

Invited to develop curriculum for bridging course for non-biology students to follow the biology degree program in Ministry of Higher education Sri Lanka 2019

Keynote speaker to the academic sessions in Sri Lanka Association of Clinical Pharmacology and Therapeutics 2018 invited resource person – I was invited to be a resource person for the curriculum development of Molecular Biology for MD in Microbiology in 2004

Invited participant as invited speaker to deliver lecture to the “world dosing of antiinfectives-Dosing the magic bullet symposia” Germany 2004

Invited to participate the Consultative meeting to finalize the National Drug policy For Sri Lanka by the Ministry of Health in Colombo, June 2005

invited as resource person – curriculum development in Pharmacy degree programme in Faculty of Medicine University of Peradeniya 2005

Invited as a resource person – to revise the finalized curriculum in Faculty of Allied Health Science University of Peradeniya in 2006

Invited as a resource person – to develop the modules in MD in Clinical Pharmacology in postgraduate Institute of Medicine (PGIM) University of Colombo 2009/2010

Invited as a resource person – to develop the Immunobiology module in MSc in Molecular Medicine, PGIM, University of Colombo.2007

Invited as a resource person – to finalize the curriculum in Molecular Medicine in PGIM , University of Colombo 2008

Invited as resource person – to formulate the Pharmacology module in the Bpharm degree , Allied Health Science degree programme (AHSDP) in the Faculty of Medicine, University of Ruhuna May 2009

Invited to participate to the XXI world allergy congress in Argentina June 2009

Invited as resource person –to review and formulate the Biostatistics and IT module in the Bpharm degree , Allied Health Science degree programme (AHSDP) in the Faculty of Medicine, University of Ruhuna April 2009

Invited as recourse person – to formulate the Immunology and cell biology module in the Bpharm degree , AHSDP , Faculty of Medicine University of Ruhuna December 2009

Invited as a resource person – to formulate the Molecular genetics and Pharmaceutical Biotechnology Module in the Bpharm degree, AHSDP, Faculty of Medicine, University of Ruhuna
Nov 2009

Invited as a resource person – to the grand workshop to finalize the curriculum, Bylaws and credit allocation and evaluation system in Bpharm degree, AHSDP, Faculty of Medicine, University of Ruhuna February 2010

Resource person- introductory clinical programme for medical students May 2010, I was invited to conduct the soft skill programme to Allied health science students in the faculty of Medicine for the first time for training of academic staff in that unit. I have conducted the workshop voluntarily while doing teaching of research skills, applicable skills to these students.

Resource person to the workshop on review of learning objectives and evaluation of pharmacotherapeutics for degree programme of Pharmacy November 2000