



## DR. RASIKA PAWITHTHRA ILLEPERUMA

Centre for Research in Oral Cancer, Department of Oral Pathology, Faculty of Dental Sciences, University of Peradeniya, 20400, Sri Lanka

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[http://ahs.pdn.ac.lk/dept\\_and\\_unit/ML\\_Sciences/acd\\_staff/Dr.%20R.P.%20Illeperuma.php](http://ahs.pdn.ac.lk/dept_and_unit/ML_Sciences/acd_staff/Dr.%20R.P.%20Illeperuma.php)

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ORCID ID : <https://orcid.org/0000-0001-5506-0981>

Sex Male | Date of birth 27/08/1976 | Nationality Sri Lankan

### PRESENT APPOINTMENT

Senior Lecturer, Centre for Research in Oral Cancer (CROC), Department of Oral Pathology, Faculty of Dental Sciences, University of Peradeniya, Sri Lanka

### PROFESSIONAL QUALIFICATIONS

BDS Honours (Sri Lanka) 1999-2004

with Distinctions in Pharmacology, General Surgery & Restorative Dentistry  
Faculty of Dental Sciences, University of Peradeniya, Sri Lanka

Registered Dental Practitioner at Sri Lanka Medical Council Since 2004 -SLMC Reg: No1957

MSD, PhD (Seoul, South Korea) 2008-2012

Graduate School, Yonsei University, Oral Cancer Research Institute, Yonsei University College of Dentistry, Seoul, South Korea

### WORK EXPERIENCE

- Senior Lecturer / Research lead, Centre for Research in Oral Cancer (CROC), Department of Oral Pathology, Faculty of Dental Sciences, University of Peradeniya, Sri Lanka (March 2021 to date)
- Senior Lecturer, Department of Medical Laboratory Science, Faculty of Allied Health Sciences, University of Peradeniya, Sri Lanka (May 2013 – March 2021)
- Head, Department of Nursing, Faculty of Allied Health Sciences, University of Peradeniya, Sri Lanka (24<sup>th</sup> July 2017 – 28<sup>th</sup> February 2019)

- Lecturer In Western Medicine (Modern Medicine Unit) Institute of Indigenous Medicine, University of Colombo, Rajagiriya, Sri Lanka (April 2007- May 2013)
- Post-Doctoral Researcher - Oral Cancer Research Institute, Yonsei University, Seoul, Korea (August 2015)
- Visiting Lecturer at Postgraduate Institute of Agriculture (PGIA), University of Peradeniya, Sri Lanka
- Visiting Lecturer and Examiner at Postgraduate Institute of Medicine (PGIM), Colombo, Sri Lanka for Postgraduate Diploma in Family Medicine Programme.
- Visiting Lecturer and Examiner at Institute of Indigenous Medicine (IIM), University of Colombo, Rajagiriya, Sri Lanka for postgraduate and undergraduate teaching
- Visiting Lecturer and Examiner at Gampaha Wikramarachchi Ayurveda Institute (GWAI), University of Kelaniya, Sri Lanka for postgraduate and undergraduate teaching
- Assistant Teacher at the Department of Oral Pathology, Yonsei University College of Dentistry, Seoul, Korea (March 2008 –February 2012)
- Registered General Dental Practitioner at Sri Lanka Medical Council  
General dental practice since (March 2004 –to date)
- Visiting Dental Surgeon of the Unilever Sri Lanka Limited, Colombo 14 (2005-2008)
- Trained Acupuncturist at the Acupuncture Clinic of Colombo South Teaching Hospital Kalubowila, Sri Lanka (1997-1999)

## EDUCATION AND TRAINING

2008-2012

Joint Masters & Doctoral Degree / PhD in Dentistry

Yonsei University, Seoul, South Korea

Oral Cancer Research Institute, Department of Oral Pathology, Yonsei University College of Dentistry

PhD Thesis: Implication of Cytokines Released from Gingival Fibroblasts Exposed by Areca Nut Extract in Carcinogenesis

(<https://ir.ymlib.yonsei.ac.kr/bitstream/22282913/133667/1/T011909.pdf>)

1999-2004

Bachelor of Dental Surgery (BDS) Honours – 2<sup>nd</sup> Class (Upper)

Faculty of Dental Sciences, University of Peradeniya, Sri Lanka

with Distinctions in Pharmacology, General Surgery & Restorative Dentistry

Secondary Education

Royal College, Colombo 07, Sri Lanka (1988-1995)

1997

Diploma in Acupuncture - The Open International University for Complementary Medicines

1999

Certificate Course in Gender Awareness

Training Programme conducted by Sri Lanka Foundation Institute. Colombo, Sri Lanka.

- 2013 Staff Training Programme - Induction Programme for University Academic Staff  
Conducted by the Medical Education Unit, Faculty of Medicine, University of Peradeniya. Sri Lanka.
- 2013 September Certificate in Internal Auditing of Laboratory Management Systems  
Conducted by Sri Lanka Accreditation Board (SLAB). Colombo, Sri Lanka.
- 2013 September Short course in Sampling Techniques, Survey Design and Analysis  
Conducted by Board of Study in Biostatistics, PGIA, University of Peradeniya. Sri Lanka.
- 2016 June Training on using NVivo for Qualitative Research,  
Conducted by National Centre for Advanced Studies (NCAS), Ministry of Higher Education, Sri Lanka.
- 2017 May "Waso" workshop on "Introduction to GIS using ArcGIS" Conducted at the Faculty of Engineering, University of Jaffna, Sri Lanka.
- 2017 March AuthorAID- INASP workshop of Training of Trainers in Research Writing, Mentoring and Networking  
Conducted at Faculty of Medicine, University of Peradeniya. Sri Lanka.

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### PROFESSIONAL AND ACADEMIC MEMBERSHIPS & AFFILIATIONS

- Member of AACR (American Association for Cancer Research)
- Member of ASCO (American Society of Clinical Oncology)
- Member of IADR (International Association for Dental Research)
- Member of IAOP (International Association of Oral Pathologists)
- Member of ASOMP (Asian Society of Oral & Maxillofacial Pathology)
- Member of SLDA (Sri Lanka Dental Association)
- Member of Sri Lanka College of Dentistry and Stomatology
- Member of SLAACD(Sri Lanka Academy of Aesthetic and Cosmetic Dentistry)
- Member of SLAAS (Sri Lanka Association for The Advancement of Science)
- Member of Sri Lankan Society of Microbiology
- Member of KSM (Kandy Society of Medicine)
- Member of Acupuncture Foundation of Sri Lanka
- Member of Peradeniya University Alumni Association (AAUP)
- Member of Peradeniya University Allied Health Science Teachers Association (PUAHSTA)

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### AWARDS, SCHOLARSHIPS AND FELLOWSHIPS

1. Best Research Proposal Award (3<sup>rd</sup> place) at the MORCC Oral Health Symposium & Research Proposal Competition hosted by the Ministry of health and College of Community Dentistry, Sri Lanka.31<sup>st</sup> August 2018.
2. NSF (National Science Foundation- Sri Lanka) Travel Award, June 2018 to participate and present a paper at the 19<sup>th</sup> IAOP Congress in Vancouver, Canada
3. President's Award for Scientific Publications for year 2015 by National Research Council, Sri Lanka

4. Award for the Best Presentation -8<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). August 19<sup>th</sup> & 20<sup>th</sup> 2017, Vijayawada, India. For the paper titled "Expression of p16 gene and HPV oncogene in oral potentially malignant disorders and oral cancer: A preliminary study".
5. Award for Best Research Paper - Annual Scientific Sessions of the Sri Lanka Dental Association- Kandy Branch January 2017 Kandy. For the paper titled "The effect of music on the reduction of cancer-related pain".
6. Research fellowship - Oral Cancer Research Institute, Yonsei University, Seoul, Korea, August 2015.
7. Award for Best Research Paper - 10<sup>th</sup> Annual scientific sessions of Sri Lanka Association of Oral and Maxillofacial Surgeons July 2013. For the paper titled "Analysis of demographic data of 4394 cases of oral squamous cell carcinoma"
8. Award of Merit for the best research presentations- FDI/CDA/SLDA joint International Conference & 80<sup>th</sup> Anniversary Annual scientific sessions of Sri Lanka Dental Association (SLDA) June 2013. For the paper titled "Fibroblasts are implicated in areca nut-induced carcinogenesis via oxidative DNA damage and nuclear aneuploidy"
9. Daphne Attygalle Prize for the Best Paper in Cancer, awarded by the Sri Lanka Medical Association, November 2012. For the paper titled "A novel approach to understand carcinogenesis in oral submucous fibrosis"
10. NSF (National Science Foundation- Sri Lanka) Travel Award, August 2012 to participate and present a paper at the 16<sup>th</sup> IAOP Congress in Sao Paulo, Brazil.
11. IAOP travel award for the 16th International Congress on Oral Pathology and Medicine, general sessions of the International Association of Oral Pathologists (IAOP). August 2012, Brazil.
12. The Best Presentation Award- at 76<sup>th</sup> Annual sessions of Korean Academy of Oral and Maxillofacial Pathology (KAOMP), November 2011. For the paper titled "Oxidative DNA damage in oral keratinocytes caused by cytokines released from fibroblasts by areca nut exposure".
13. Award of Merit for the best research presentations- Annual research sessions, Yonsei University 2011. For the paper titled "Implication of cytokines released from gingival fibroblasts exposed by Areca Nut extract in carcinogenesis"
14. Award of Merit for the best research presentations- Annual research sessions, Yonsei University 2010. For the paper titled "Cytokines might play a key role in carcinogenesis of oral submucous fibrosis"
15. Award of Merit for the best research presentations- Annual research sessions, Yonsei University 2009. For the paper titled "Establishment of novel cell line for testing toxicity of Dental Materials using h-TERT transfected gingival fibroblasts".
16. Full scholarship from Yonsei University, Seoul, Korea for PhD programme (2008-2012)

PERSONAL SKILLS

Mother tongue : Sinhala

Communication skills

Language	Understanding		Speaking		Writing
	Listening	Reading	Spoken Interaction	Spoken Production	
Sinhala	Very Good	Very Good	Very Good	Very Good	Very Good
English	Very Good	Very Good	Very Good	Very Good	Very Good
Korean	Basic user	Basic user	Fair	Fair	Basic user

Organizational & managerial skills

Full professional proficiency in communication skills (both verbal and nonverbal), presentation skills and negotiating skills of English language gained through working experience locally & overseas and especially presenting scientific communications at international conferences and participating for the workshop in countries such as USA, Canada, Australia, Spain, Brazil, Turkey, China, South Korea, India etc.

Job-related skills

Good command of organizing, planning and team working skills obtained by working as a Head of a Department, Chairman / Coordinator / Member of various university committees, President/ Secretary/ Treasurer / Council member of Sri Lanka Dental Association ( Kandy Branch), President of the Faculty Teachers Association of the University, President of the Faculty Welfare Association, Chairperson of International Conferences, Organizing of annual research sessions, undergraduate research sessions etc.

Sound knowledge in histopathological laboratory & research work. Expertise in advanced histotechnology related work, material and products which were acquired through teaching, laboratory usage and research studies completed in locally and internationally. Comprehensive and skilled in using techniques related to molecular biology such as ELISA, Cell culture based assays, PCR work, FACS, Western Blotting etc.

Teaching experience in wider range of study areas such as General Pathology, Clinical Pathology, Physiology, Clinical Biochemistry, Histology & Histotechnology, Haematotechnology, Bioethics, Research Methodology etc.

Experienced General Dental Practitioner since 2004 up-to-date.

Digital competence

SELF- ASSESMENT				
Information Processing	Communication	Content creation	Safety	Problem solving
Proficient User	Proficient User	Proficient User	Proficient User	Proficient User

Sound knowledge on office suite such as word processor, spread sheet, presentation and software for statistical analysis

Other skills

Dynamic and ready to take challenges, dedicated to hard work and result oriented, excellent presentation skills, analytical thinking and scientific writing.

Qualified and trained Acupuncturist

*Driving license*

Violin player – North Indian (Hindusthani) Classical Music

Possessing valid driving license (No of the license: NDL0536112) for light vehicles issued by the Department of Motor Traffic Sri Lanka

RESEARCH  
INTERESTS AND  
AREAS

- Mechanisms of carcinogenesis in oral premalignant lesions
- Carcinogenicity of Areca Nut
- Testing antioxidants as a treatment modality in oral pre-cancer
- Oral submucous fibrosis and Oral cancer
- HPV involvement in Oral Cancer
- Antibacterial and Anti-inflammatory properties of herbal extracts against oral pathogens
- Herbal medicine in oral diseases

PUBLICATIONS

**Published as Full Papers**

1. Leaf Extract of *Osbeckia octandra* L.(Heen Bovitiya) Suppresses Human Oral Squamous Cell Carcinoma Cells Migration and Induces Cellular DNA Damage. M Prasadani, S Bogahawaththa, **RP Illeperuma**. Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology 33 (2021) 215–220
2. The Protective Effect of Antioxidants in Areca Nut Extract-Induced Oral Carcinogenesis. D Kim, **RP Illeperuma**, J Kim. Asian Pac J Cancer Prev, 2020, 21 (8), 2447-2452
3. The use of Rose Angina Questionnaire and 12 lead Electrocardiogram (ECG) in the Identification of potential Ischemic Heart Changes among a group of Hypertensive Patients in Sri Lanka. BMC Ratnayake, **RP. Illeperuma**, U Ralapanawa, TA Jayalath Asian Pacific Journal of Health Sciences. 2020, 7 (2), 12-17
4. Development of Brief Image Quality Evaluation Criteria for Digital OrthoPantomography (OPG) Images in Dental Radiography. AMC Kumarihami, SDL Heshani, P Sathyathas, **RP Illeperuma** Journal of Health Science 2018, 6, 139-147
5. Effect of Areca nut on *Helicobacter pylori*-induced gastric diseases in mice. Lee J, Gunawardhana ND, Jang S, Choi YH, **Illeperuma RP**, Kim A, Su H, Hong YA, Kim JH, Kim J, Jung DW, Cha IH, Bak EJ, Cha JH. J Microbiol Biotechnol. 2016 Oct 28;26(10):1817-1823
6. Identification of a combined biomarker for malignant transformation in oral submucous fibrosis. Bazarsad S, Zhang X, Kim KY, **Illeperuma R**, Jayasinghe RD, Tilakaratne WM, Kim J. J Oral Pathol Med. 2016 Aug 6. doi: 10.1111/jop.12483.
7. Demographic and Histopathological Differences of Oral Squamous Cell Carcinoma; Analysis of 4394 Cases from Sri Lanka. Siriwardena BSMS, Jayathilake DSY, Pitakotuwage TN, **Illeperuma RP**, Kumarasiri PVR, Attygalla AM, Peiris HRD,

Tilakaratne WM. J Clin Exp Oncol 2015, 4:4.

8. Areca nut exposure increases secretion of tumor-promoting cytokines in gingival fibroblasts that trigger DNA damage in oral keratinocytes. **Rasika P. Illeperuma**, Do Kyeong Kim, Young Jin Park, Hwa Kyung Son, Jue Young Kim, Jinmi Kim, Doo Young Lee, Ki-Yeol Kim, Da-Woon Jung, Wanninayake M. Tilakaratne, Jin Kim. Int J Cancer. 2015 Dec 1;137(11):2545-57.
9. A Distinct Role for Interleukin-6 as a Major Mediator of Cellular Adjustment to an Altered Culture Condition. Son HK, Park I, Kim JY, Kim do K, **Illeperuma RP**, Bae JY, Lee DY, Oh ES, Jung DW, Williams DR, Kim J. J Cell Biochem. 2015 Nov;116(11):2552-62.
10. Cytotoxicity evaluation of zinc oxide-eugenol and non-eugenol cements using different fibroblast cell lines. Kwon JS, **Illeperuma RP**, Kim J, Kim KM, Kim KN. Acta Odontol Scand. 2013 May 21.
11. Immortalized gingival fibroblasts as a cytotoxicity test model for dental materials. **Illeperuma RP**, Park YJ, Kim JM, Bae JY, Che ZM, Son HK, Han MR, Kim KM, Kim J. J Mater Sci Mater Med. 2012 Mar;23(3):753-62.
12. Relationship of fibrosis and the expression of TGF- $\beta$ 1, MMP-1, and TIMP-1 with epithelial dysplasia in oral submucous fibrosis. **Rasika Pawiththra Illeperuma**, Mi Heon Ryu, Ki Yeol Kim, Wanninayake Mudiyansele Tilakaratne, Jin Kim. Oral Med Pathol 15 (2010) 21

### Research Presentations at National / International Conferences / Symposia - Published as Full Papers & Abstracts in Proceedings

1. MDR Munasinghe, LPN Madhavee, LHMIM Herath and **RP Illeperuma** (2020). Determination of Gender using Measurements of the Mandible taken from Orthopantomogram and Cephalogram. In proceedings of the 13<sup>th</sup> International Research Conference of General Sir John Kotelawala Defence University 15<sup>th</sup> & 16<sup>th</sup> October 2020 .Page 26 Abstract no 262
2. BMC Rathnayake, **RP Illeperuma**, U Ralapanawa, TA Jayalath, NS Gunarathna (2019). A study on prevalence of ischemic heart diseases among hypertensive patients participating at a hypertension clinic, Teaching hospital, Peradeniya In: proceedings of the Peradeniya University International Research Sessions; 11<sup>th</sup> & 12<sup>th</sup> September 2019 ; Kandy, Peradeniya: iPURSE; 2019. Abstract no 081
3. **R. P. Illeperuma**, W.M.K. M. Bandara, R. M. A. P. Ramanayake, S. Kodithuwakku, R. D. Jayasinghe, W. M. Tilakaratne. (2019). Expression of oxidative stress responsive genes in oral cancers and oral potentially malignant disorders with the history of areca-nut consumption. 9<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 22<sup>nd</sup> to 24<sup>th</sup> August 2019 at Mahsa University, Kuala Lumpur, Malaysia.
4. T.S. Amarasinghe, **R.P. Illeperuma**, N. Seki and T. Sumiyoshi. (2019). Mental and Physical Health Status of the School Children in Niigata Prefecture-Japan: A Preliminary Study. In Book of Abstracts Seventh Conference on Sri Lanka-Japan Collaborative Research. 24<sup>th</sup> August 2019, University of Peradeniya, Sri Lanka.

5. Gunasekara PSP, **Illeperuma RP**, Kodithuwakku SP. (2019). Arica Nut water extract induces the DNA Damage in Oral Fibroblasts and increases the metastasis potential in oral carcinoma cells *in vitro*. Proceedings of the 5<sup>th</sup> Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka, 21<sup>st</sup> February 2019 pp 76
6. Prasadani YGM, Kodithuwakku SP, **Illeperuma RP**. (2019). *in vitro* Anti-cancer potency of *Osbeckia octandra* L. (Heen Bovitiya) leave extract on carcinoma cells. Proceedings of the 5<sup>th</sup> Faculty of Agriculture Undergraduate Research Symposium held in Faculty of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka, 21<sup>st</sup> February 2019 pp 113
7. **R Illeperuma**, MK Bandara, DK Kim, S Siriwardena, R Jayasinghe, J Kim. (2019). Antioxidant rich tropical herbs to combat areca-nut induced OPMDs. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology 128 (1), e80-e81 <https://doi.org/10.1016/j.oooo.2019.02.203> .In: proceeding of the 72<sup>nd</sup> AAOMP conference; 23<sup>rd</sup> - 28<sup>th</sup> June 2018 ; Vancouver, Vancouver: AAOMP; 2018. (Page 181)
8. T.S.Amarasinghe, N.Seki, T. Sumiyoshi, **R.P.Illeperuma**. (2018). Students' life style mental and physical health in heavy snowing rural area: comparison with cross-sectional survey conducted fifteen years ago. Proceedings of the International Nursing Congress 2018 organized by the Faculty of Allied health Science, University of Peradeniya, 6<sup>th</sup> & 7<sup>th</sup> April 2018 at Hotel Oakray Regency, Peradeniya, Sri Lanka.
9. Lokuruge SK, Dissanayake BN, **Illeperuma RP**, Pinto V, Gamage CD.(2018). Central line associated bloodstream infections and colonization in an intensive care unit of a tertiary care hospital. In proceedings of the Kandy Society of Medicine; 40<sup>th</sup> Annual Academic Sessions 15<sup>th</sup> -17<sup>th</sup> February 2018; Kandy. Abstract no OP18.
10. Dahanayake SD, Hunukumbura RMCB, **Illeperuma RP**. (2017) Knowledge and attitudes on infertility among couples attending to infertility clinic at Castle street hospital for women, Colombo. In: proceedings of National Health Research Symposium 2017; 4<sup>th</sup> & 5<sup>th</sup> December 2017 BMICH, Colombo. Abstract no 341 page 345
11. Baddevithana AK, **Illeperuma RP**, Jayasinghe RD, Siriwardena BSMS, Tilakaratne WM. (2017). Human Papiloma Virus infection and its correlation with expression of p16 gene in oral potentially malignant disorders and oral cancer. In: proceedings of the Peradeniya University International Research Sessions; 24<sup>th</sup> November 2017; Kandy, Peradeniya: iPURSE; 2017. Abstract no 341
12. Sumali GAK, **Illeperuma RP**. (2017). A study on knowledge, attitude and practice of blood donation among undergraduate students in the University of Peradeniya. 4<sup>th</sup> Annual Congress & Medicare Expo on Primary Healthcare and Nursing; 21<sup>st</sup> & 22<sup>nd</sup> August 2017, San Francisco, USA. DOI: 10.4172/2167-1079-C1-015
13. Bandara WMKM, Baddevithana AK, Fernando PS, Siriwardana BSMS, Jayasinghe RD, Tilakaratne WM, **Illeperuma RP**. (2017). Effects of antioxidant rich- Sri Lankan herb "*Schumacheria castaneifolia*" extract on Areca-Nut induced DNA damage in mice. 8<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 19<sup>th</sup> & 20<sup>th</sup> August 2017, Vijayawada, India.
14. Baddevithana AK, Jayasinghe RD, Siriwardena BSMS, Tilakaratne WM, **Illeperuma RP**. (2017) Expression of p16 gene and HPV oncogene in oral potentially malignant disorders and oral cancer: A preliminary study. E- Poster presentation at the 8<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 19<sup>th</sup> & 20<sup>th</sup> August 2017, Vijayawada, India. (Award for best presentation)



15. Weerasingha BRGTK, Hilmi AJ, **Illeperuma RP**. (2017). The effect of music on the reduction of cancer-related pain. Annual Scientific Sessions of the Sri Lanka Dental Association- Kandy Branch 2017; 21<sup>st</sup> & 22<sup>nd</sup> January 2017 Kandy
16. Kumarihami AMC, Heshani SDL, Sathya P, **Illeperuma RP**. (2017) Development of brief image quality evaluation criteria for digital orthopantomography (OPG) images in dental radiography. Annual Scientific Sessions of the Sri Lanka Dental Association- Kandy Branch 2017; 21<sup>st</sup> & 22<sup>nd</sup> January 2017 Kandy
17. Bandara WMKM, Do KK, Jayasinghe RD, Siriwardene BSMS, Tilakeratne WM, Jin K, **Illeperuma RP**. (2016). Expression of  $\alpha$ -h2ax and p53 in oral cancer and oral potential malignant disorders with areca nut history. In Proceedings of the Peradeniya University International Research Sessions; 4<sup>th</sup> & 5<sup>th</sup> November 2016; Kandy, Peradeniya: iPURSE; 2016. Abstract no 414
18. Jayawardena JACK, Tamara R, Jayasooriya PR, **Illeperuma RP**. (2016) Learning experience of medical laboratory students towards a self-study E-Learning resource: a preliminary study. In Proceedings of the Peradeniya University International Research Sessions; 4<sup>th</sup> & 5<sup>th</sup> November 2016; Kandy, Peradeniya: iPURSE; 2016. Abstract no 211
19. Amarakoon D, RJK Seneviratne, **R.P Illeperuma**. (2016). Comparison of wound healing potential of papaya peel dressing with povidone-iodine dressing on diabetic foot ulcers. In Proceedings of the Peradeniya University International Research Sessions; 4<sup>th</sup> & 5<sup>th</sup> November 2016, Peradeniya: iPURSE; 2016. Abstract no 69
20. Baddevithana AK, **Illeperuma RP**, Jayasinghe RD, Siriwardena BSMS, Tilakarathne WM. (2016). Expression of p16 gene in oral potentially malignant disorders and oral cancer: a preliminary study. In Proceedings of the Peradeniya University International Research Sessions; 4<sup>th</sup> & 5<sup>th</sup> November 2016; Kandy, Peradeniya: iPURSE; 2016. Abstract no 533
21. Bandara WMKM, **Illeperuma RP**, Do KK, Jayasinghe RD, Siriwardene BSMS, Tilakeratne WM, Jin K. (2016). Areca-Nut Induced DNA Damage Can Be Reversed By *Shumacheria Castaneifolia*. 18<sup>th</sup> International Congress on Oral Pathology and Medicine, general sessions of the International Association of Oral Pathologists (IAOP) 8<sup>th</sup>-11<sup>th</sup> September; Chennai: IAOP; 2016. Abstract no 199
22. Bandara WMKM, **Illeperuma RP**, Do KK, Jayasinghe RD, Siriwardene BSMS, Tilakeratne WM, Jin K. (2016). Testing efficacy of antioxidant rich herbal extract in reducing areca nut induced carcinogenesis. In Proceedings of the 129<sup>th</sup> Anniversary International Medical Congress Sri Lanka Medical Association; 27<sup>th</sup> July 2016; Colombo: SLMA; 2016. Abstract no 296
23. W.M.K.M Bandara, N.Fujiwara and **R.P. Illeperuma**. (2015). Effects of acute high glucose and osmolality on changes of intracellular calcium level in mouse neocortical slices. Peradeniya University International Research Sessions. 5<sup>th</sup> & 6<sup>th</sup> November 2015, Peradeniya, Sri Lanka proceedings of the Peradeniya University International Research Sessions; iPURSE; 2015. Abstract no 574
24. Sirajudeen M.A.A, Nageeb B.M, **Illeperuma R.P**, Thajudeen, I.H. (2015). A comparative clinical study of the Unani compound medical preparation for Antilipidaemic activity with special reference to the modern drug Atorvastatin. Proceedings of the Annual Research Symposium, University of Colombo, 25<sup>th</sup> October 2015. (<http://archive.cmb.ac.lk:8080/research/handle/70130/4211>)

25. WMKM Bandara, **RP Illeperuma**, D K Kim, BSMS Siriwardena, RD Jayasinghe, WM Tilakaratne, Jin Kim. (2015). Analysis of DNA double strand damage during oral carcinogenesis in Areca Nut chewers. International Symposium of Oral Cancer and Cancer Prevention. 1<sup>st</sup> October 2015, Yonsei University, Seoul, South Korea.
26. Shadavlonjid Bazarsad, Xianglan Zhang, Ki-Yeol Kim, **Rasika P Illeperuma**, Wanninayake M Tilakaratne, Jin Kim. (2015). Prediction model for risk assessment via combined biomarkers in oral submucous fibrosis. International Symposium of Oral Cancer and Cancer Prevention. 1<sup>st</sup> October 2015, Yonsei University, Seoul, South Korea.
27. Dharmapala AD, Siriweera EH, Karunathilake NP, **Illeperuma RP**, Kumarasiri PVR, Samarasinghe AKBTTB, Kotakadeniya HMSRB, Galketiya KB. (2015). Human Papilloma Virus (HPV) infection and oesophageal cancer in Sri Lanka. In: proceedings of the Kandy Society of Medicine; 37<sup>th</sup> Annual Academic Sessions 11<sup>th</sup> – 14<sup>th</sup> 2015; Kandy. Abstract no OP06 Page 49.
28. Kim DK, **Illeperuma RP**, Tilakaratne WM, Kim J. (2014). Antioxidant prevents areca nut-induced carcinogenesis by inhibiting IL-6. International Congress on Oral Cancer Smokeless Tobacco and Areca nut. 8<sup>th</sup> & 9<sup>th</sup> August 2014, Kandy, Sri Lanka
29. **R. P. Illeperuma**, D. K. Kim, Y. J. Park, J. Y. Kim, W. M. Tilakaratne, J. Kim.(2014). Elucidating mechanisms inducing oxidative stress by areca nut in oral mucosa. Peradeniya University International Research Sessions iPURSE; 4<sup>th</sup> & 5<sup>th</sup> July 2014, Peradeniya, Sri Lanka
30. Y.R.I.A Gunarathna, **R.P.Illeperuma**, S.Hirano. (2014). The morphogenesis patterns of the optic cup development in the chick embryo. Peradeniya University International Research Sessions iPURSE; 4<sup>th</sup> & 5<sup>th</sup> July 2014, Peradeniya, Sri Lanka
31. **R P Illeperuma**, B S M S Siriwardena, D S Y Jayathilake, T N Pitakotuwege, P V R Kumarasiri, A M Attygala, R D Peiris, W M Tilakaratne.(2014). Analysis of oral cancer cases of Sri Lanka for 13 years. 17<sup>th</sup> International Congress on Oral Pathology and Medicine, General Sessions of the International Association of Oral Pathologists (IAOP). 25<sup>th</sup> – 30<sup>th</sup> May 2014 in Istanbul, Turkey. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology. 119(3):e163–e164, MAR 2015 DOI: 10.1016/j.oooo.2014.07.271, Issn Print: 2212-4403
32. **R P Illeperuma**, B S M S Siriwardena, D S Y Jayathilake, T N Pitakotuwege, P V R Kumarasiri, A M Attygala, R D Peiris, W M Tilakaratne. (2014). A retrospective study analyzing 4394 oral cancer cases in Sri Lanka. Oral presentation at the 6<sup>th</sup> Annual Meeting of Asian Society of Oral and Maxillofacial Pathology (ASOMP). 22<sup>nd</sup> February 2014 in HICC-Novotel, Hyderabad, India.
33. BSMS Siriwardena, **RP Illeperuma**, DSY Jayathilake, TN Pitakotuwege, PVR Kumarasiri, AM Attygala, RD Peiris, WM Tilakaratne.(2013) Analysis of demographic data of 4394 cases of oral squamous cell carcinoma. Sri Lanka Association of Oral and Maxillofacial Surgeons (SLAOMS) 10<sup>th</sup> annual Scientific Sessions 27<sup>th</sup> July 2013 at Hotel Amaya Hills, Kandy, Sri Lanka (Wining 1<sup>st</sup> Place)
34. **RP Illeperuma**, HMSC Dissanayake, YJ Park, H K Son, DW Jung, W M. Tilakaratne, J Kim. (2013). Fibroblasts are implicated in areca nut-induced carcinogenesis via oxidative DNA damage and nuclear aneuploidy. FDI/CDA/SLDA joint International Conference & 80<sup>th</sup> Anniversary Annual scientific sessions of Sri Lanka Dental Association (SLDA). 28<sup>th</sup>-30<sup>th</sup> June 2013, BMICH, Colombo, Sri Lanka.
35. **Illeperuma RP**, Park YJ, Son HK, Jung DW, Tilakaratne WM, Kim J.(2012). Oxidative DNA damage in oral keratinocytes caused by cytokines released from fibroblasts by areca nut exposure. 16<sup>th</sup> International Congress on Oral Pathology

and Medicine, general sessions of the International Association of Oral Pathologists (IAOP). 30<sup>th</sup> July - 4<sup>th</sup> August 2012 in Sao Pedro, Sao Paulo, Brazil.

36. **RP Illeperuma**, YJ Park, WM Tilakaratne, J Kim. (2012). A Novel approach to understand carcinogenesis in oral submucous fibrosis. Sri Lanka Medical Association 125<sup>th</sup> Anniversary International Medical congress. 2<sup>nd</sup>-6<sup>th</sup> July 2012, BMICH, Colombo, Sri Lanka.
37. **Rasika P Illeperuma**, Young Jin Park, Hwa Kyung Son, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim.(2012). Implication of cytokines released from gingival fibroblasts exposed by Areca Nut extract in carcinogenesis. The annual meeting of the American Association for Cancer Research (AACR). 31<sup>st</sup> March – 4<sup>th</sup> April 2012 in Chicago, IL, USA.
38. **Rasika P Illeperuma**, Young Jin Park, Hwa Kyung Son, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim. (2011). Implication of cytokines released from gingival fibroblasts exposed by Areca Nut extract in carcinogenesis. The 11<sup>th</sup> Yonsei Dental International Symposium (Award of Merit for Best Research Presentations). 3<sup>rd</sup> December 2011 in Seoul, South Korea.
39. H.K Son, I.Park, **R.P.Illeperuma**, J.Y Kim, J.Kim. (2011). Modulation of epithelial differentiation by different media in HPV16 E6/E7-immortalized human oral keratinocytes. The 11<sup>th</sup> Yonsei Dental International Symposium (Award of Merit for Best Research Presentations). 3<sup>rd</sup> December 2011 in Seoul, South Korea.
40. **Rasika P Illeperuma**, Young Jin Park, Hwa Kyung Son, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim.(2011) Implication of cytokines released from gingival fibroblasts exposed by Areca Nut extract in carcinogenesis. The 76<sup>th</sup> meeting of Korean Academy of Oral and Maxillofacial Pathology. (Best Presentation Award). 25<sup>th</sup> & 26<sup>th</sup> November 2011 in Seoul, South Korea.
41. H.K Son, I.Park, **R.P.Illeperuma**, J.Y Kim, J.Kim. (2011). Modulation of epithelial differentiation by different media in HPV16 E6/E7-immortalized human oral keratinocytes. The 76<sup>th</sup> meeting of Korean Academy of Oral and Maxillofacial Pathology. 25<sup>th</sup> & 26<sup>th</sup> November 2011 in Seoul, South Korea.
42. **Rasika P Illeperuma**, Young Jin Park, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim. (2011). Cytokines might play a key role in carcinogenesis of oral submucous fibrosis. The 10<sup>th</sup> Yonsei Dental International Symposium (Award of Merit for Best Research Presentations). November 19<sup>th</sup> November 2011 in Seoul, South Korea.
43. **Rasika P Illeperuma**, Young J Park, Jin M Kim, Da W Jung, Wanninayake M Tilakaratne, Jin Kim. (2011). Investigating the carcinogenesis of oral submucous fibrosis, with special reference to the role of cytokines released from submucosal fibroblasts. The Annual conference of Australian and New Zealand Association of Oral and Maxillofacial Surgeons Conference OMAX2011. 13<sup>th</sup> -15<sup>th</sup> October 2011 in Melbourne, Australia.
44. **Rasika P Illeperuma**, Young Jin Park, Hwa Kyung Son, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim (2011). Utilization of hTERT immortalized gingival fibroblasts in an in vitro model to elucidate cytokine secretion of submucosal fibroblasts in oral submucous fibrosis. The 75<sup>th</sup> meeting of Korean Academy of Oral and Maxillofacial Pathology. June 3<sup>rd</sup> & 4<sup>th</sup> 2011 in Pusan, South Korea.
45. **Rasika P Illeperuma**, Young Jin Park, Jinmi Kim, Da-Woon Jung, W.M Tilakaratne, Jin Kim. (2010). Cytokine expression by the treatment of areca nut extract in cultured fibroblasts: Comparison between normal oral fibroblasts and hTERT-transfected

- fibroblasts. The 15<sup>th</sup> International Congress on Oral Pathology and Medicine, General Sessions of the International Association of Oral Pathologists (IAOP). 16<sup>th</sup> - 20<sup>th</sup> August 2010 in Seoul, Korea.
46. Sook Moon, **Rasika P Illeperuma**, Yong Jin Park, Jin Kim. (2010). Usefulness of hTERT- transfected gingival fibroblasts in oral cancer research. The 15<sup>th</sup> International Congress on Oral Pathology and Medicine, General Sessions of the International Association of Oral Pathologists (IAOP). 16<sup>th</sup>-20<sup>th</sup> August 2010 in Seoul, Korea.
  47. **R.P. Illeperuma**, Y.J Park, J.M. Kim, Z.M. Che, M.R. Han, K.M. Kim, J. Kim. (2010). Immortalized gingival fibroblasts for a cytotoxicity test model of dental materials. The 88<sup>th</sup> General Sessions of the International Association for Dental Research (IADR). 14<sup>th</sup> -17<sup>th</sup> July 2010 in Barcelona, Spain
  48. **R.P. Illeperuma**, M.H. Ryu, K.Y. Kim, J. Kim and W.M Tilakaratne. (2009). Role of TGF beta-1, MMP-1, TIMP-1 and PCNA in pathogenesis and malignant transformation of oral submucous fibrosis. Peradeniya University research sessions 3<sup>rd</sup> December 2009, Peradeniya, Sri Lanka.
  49. **Rasika P Illeperuma**, Young Jin Park, Jinmi Kim, Zhong Min Che, and Jin Kim. (2009) Establishment of a cell line of hTERT transfected human gingival fibroblasts. The Korean Basic Dental Science Annual Conference. November 27<sup>th</sup> -28<sup>th</sup> 2009 in Seoul, South Korea.
  50. **Rasika P Illeperuma**, Mi Heon Ryu, Ki Yeol Kim, W M Tilakaratne, Jin Kim. (2009). Influence of fibrosis and extracellular matrix remodeling in Oral Submucous Fibrosis on carcinogenesis: Immunohistochemical evaluation using Sri Lankan biopsy tissues. The 4<sup>th</sup> meeting of Asian Society of Oral and Maxillofacial Pathologists (ASOMP). 6<sup>th</sup> & 7<sup>th</sup> November 2009 in Beijing, China.
  51. **Rasika P Illeperuma**, Young Jin Park, Jinmi Kim, Zhong Min Che, and Jin Kim. (2009). Establishment of a novel cell line for testing toxicity of Dental Materials using h-TERT transfected gingival fibroblasts. The 9<sup>th</sup> Yonsei Dental International Symposium (Award of Merit for Best Research Presentations). 31<sup>st</sup> October 2009 in Seoul, South Korea.
  52. **Rasika P Illeperuma**, Mi Heon Ryu, Ki Yeol Kim, W M Tilakaratne, Jin Kim. (2009). Effects of fibrosis and extracellular matrix remodeling in oral submucous fibrosis on its malignant transformation of the epithelium: Immunohistochemical evaluation by testing expressions of TGF beta-1, MMP-1, TIMP-1, and PCNA index. The 71<sup>st</sup> meeting of Korean Academy of Oral and Maxillofacial Pathology. 22<sup>nd</sup> May 2009 in Seoul, South Korea.
  53. **Rasika P Illeperuma**, Mi Heon Ryu, Ki Yeol Kim, W M Tilakaratne, Jin Kim. (2008). Evaluation of PCNA index and expressions of TGF β-1, MMP-1, and TIMP-1 in oral submucous fibrosis. The Korean Basic Dental Science Annual Conference. 2<sup>nd</sup> -3<sup>rd</sup> December 2008 in Seoul, South Korea.

1. "Smokeless Tobacco and Health" Invited Guest Lecture at the 9th Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 22<sup>nd</sup> to 24<sup>th</sup> August 2019 at Mahsa University, Kuala Lumpur, Malaysia.

2. "Carcinogenicity of Areca- Nut" Invited Guest Lecture at the 3<sup>rd</sup> International Congress on OPMD, Oral Cancer, Smokeless Tobacco and Areca Nut at the Faculty of Dental Sciences, University of Peradeniya, Sri Lanka. 12<sup>th</sup> -14<sup>th</sup> July 2019.
3. "The Health and Medical System of Sri Lanka": Invited Guest Speech at the Choongahe College of Health Sciences, Ulsan City, South Korea. 18<sup>th</sup> April 2019.
4. "How to keep a good oral hygiene": Health education lecture on oral cancer and oral hygiene. Invited guest speech at the Unilever Sri Lanka, Ltd for Unilever Health Week, Horana, Sri Lanka 25<sup>th</sup> September 2017
5. "Can We Reverse Areca -Nut Induced Oral Malignancies Using Herbs?" Keynote Speech at the International Conference of Shalakyta Tantra "SALAKYA SANDIPANI -2017", (3<sup>rd</sup> International Conference of TAS- India). 15<sup>th</sup> to 17<sup>th</sup> September 2017 at Gampaha Wikramarachchi Ayurveda Institute, University of Kelaniya. Sri Lanka.
6. "How to plan your future: Motivation to Postgraduate Studies in Dentistry". Invited guest lecture to undergraduate and postgraduate students at the Sibar Institute of Dental Sciences, Takkellapadu, Guntur, Andra Pradesh, India. August 21<sup>st</sup> & 22<sup>nd</sup> 2017.
7. "Herbal Approach in Combating Areca-Nut Induced OPMDs". Invited Guest Speech at the 8<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 19<sup>th</sup> & 20<sup>th</sup> August 2017, Vijayawada, India
8. "Oral health for better life" guest lecture for the street children in Kandy area in a joint event organized by the Wedasara Foundation together with Ministry of Social Welfare and Child Services, Central Province, Sri Lanka. 22<sup>nd</sup> June 2017
9. Discussant at the Clinico-pathological Conference at the 16<sup>th</sup> International Congress on Oral Pathology and Medicine, General Sessions of the International Association of Oral Pathologists (IAOP). 30<sup>th</sup> July to 4<sup>th</sup> August 2012 in Sao Pedro, Sao Paulo, Brazil.

CONTRIBUTION TO SYMPOSIA, WORKSHOPS & TRAINING PROGRAMMES AS A RESOURCE PERSON

1. Panelist at Symposium of Smokeless Tobacco and Areca Nut at the 3<sup>rd</sup> International Congress on OPMD, Oral Cancer, Smokeless Tobacco and Areca Nut at the Faculty of Dental Sciences, University of Peradeniya, Sri Lanka. 12<sup>th</sup> -14<sup>th</sup> July 2019.
2. Workshop on Public Speaking and Oratory Skills for Medical Undergraduates of the Wayamba University of Sri Lanka for Professional Transition Programme. 10<sup>th</sup> January 2019.
3. Workshop on curriculum revision for BSc MLS degree programme organized by the Faculty of Allied Health Sciences, University of Peradeniya at Hotel Oakray Regency Peadeniya. 9<sup>th</sup> November 2018.
4. Resource person in the MD selection preparatory course for the dental graduates annually organized by the College of Dentistry and Stomatology at the Faculty of Dental Sciences, University of Peradeniya
5. Resource person at the workshop on Research Writing, conducted by the R & D Unit of the Faculty of Medicine, University of Peradeniya, in collaboration with "INASP" UK 11<sup>th</sup> to 13<sup>th</sup> December 2017
6. Resource person at the MD selection exam preparatory course organized by the Sri Lanka College of Dentistry and Stomatology for Dental graduates

- Resource person at the “Future Minds” Carrier Guidance Workshop for the Passing Out Medical Laboratory Science Graduates of the Faculty of Allied Health Sciences, University of Peradeniya 2013.

GRANTED  
APPLICATIONS FOR  
RESEARCH  
FUNDING,  
NOMINATIONS  
AND WORKS  
UNDERTAKEN

- Elucidating Oxidative DNA damage and DNA double stranded breaks in carcinogenic transformation of oral premalignant lesions caused by areca nut consumption. **RP Illeperuma**, KLTD Jayawardana, RD Jayasinghe, HMSC Dissanayake, WM Tilakaratne. University Research Grant (RG/2014/CG-2/10/AHS) Rs. 2,142,418.50 (Principal Investigator)
- InRC (International Research Centre) University of Peradeniya grant for research student stipend for the project leading to a PhD entitled “Elucidating Oxidative DNA damage and DNA double stranded breaks in carcinogenic transformation of oral premalignant lesions caused by areca nut consumption” (InRC/RG/13/02) Rs.1,260,000.00
- Association of Human Papilloma Virus (HPV) in oral pre-cancer and oral cancer and the relationship with P16 gene expression. Jayasinghe RD. **Illeperuma RP**, Tilakaratne WM, , Yatawara MDMLDK, Siriwardena, BSMS, Jayawardana KLTD, Attygalla AM University Research Grant (RG/2014/68/D) (Co-Investigator)
- National Science Foundation Research Equipment Grant for Research Microscope with digital camera and software in 2014 (RG/2014/EQ/06) Rs.1,072,500.00
- Evaluation of “senescence associated secretory phenotype” and the role of senescent fibroblasts in oral submucous fibrosis. PR Jayasooriya, **RP Illeperuma** NSF Research Grant (RG/2017/HS/01) Rs.2,963070.00 (Co-Investigator)
- Prevalence of morphological patterns of ST segment in standard 12- lead ECG, EASI derived 12-lead ECG and ST map, among the patients participate at medical clinic, Teaching Hospital, Peradeniya. BMC Rathnayake, WATA Jayalath, **R.P Illeperuma**, TGNS Gunarathne. Peradeniya University Research Grant (URG/2016/98/AHS) Rs.596,000.00 (Collaborator)
- Nominated for Association of Common Wealth Universities Titular Fellowship 2017– Hong Kong by the Faculty of Dentistry, University of Hong Kong based on the collaborative research project entitled “Wnt signaling in cancer stem cells found in Ameloblastoma”.
- Prevalence of selected cardiovascular disease risk factors in Sabaragamuwa Province of Sri Lanka: A community based study. HMRKG Nandasena, SUB Tennakoon, U Ralapanawa, **RP Illeperuma**, HDWT Damayanthi. University Research Grant (URG/2018/05/AHS) Rs.684,800.00 (Collaborator)

RESEARCH  
COLLABORATIONS  
LOCAL &  
INTERNATIONAL

- Research collaboration with the Oral Cancer Research Institute of the Yonsei University, Seoul, Korea and arranging donation of research equipment to the Department of Medical Laboratory Science, and PhD opportunities for MLS and Nursing graduates of the Faculty of Allied Health Sciences, University of Peradeniya

2. Research collaboration with the Department of Oral Biology and Microbiology, Yonsei University College of Dentistry, Seoul, Korea. Project on Elucidating antimicrobial effect of selected herbal extracts against known oral microorganisms causing periodontal infections.
3. Research collaboration with the Centre for Research in Oral Cancer, Department of Oral Pathology, Faculty of Dental Sciences, University of Peradeniya
4. Research collaboration with Prof RPVJ Rajapakse, Department of Veterinary Pathobiology, Faculty of Veterinary Medicine and Animal Science, University of Peradeniya, project to Evaluate Anticancer Properties in Medicinal Plants - Mouse and Rat Models.
5. Faculty Coordinator for the Research and Development Unit, Faculty of Medicine, University of Peradeniya and contributed for programmes as a resource person.
6. Collaboration with Department of Radiography, Faculty of Allied Health Sciences, General Sir John Kotelawala Defense University, Ratmalana, Sri Lanka

EDITORSHIP,  
REVIEWER OF  
JOURNALS,  
PROCEEDINGS,  
& CONFERENCE  
MANUALS

1. Reviewer of Sri Lanka Dental Journal
2. Reviewer of Journal of Orofacial Sciences
3. Reviewer of Archives of Oral Biology
4. Reviewer of Journal of Cancer Prevention
5. Editor- Conference Proceedings of the International Nursing Congress April 2018 at Hotel Oakray Regency, Peradeniya, Sri Lanka
6. Reviewer of abstracts - Conference Proceedings of the Peradeniya University International Research Sessions; iPURSE November 2017
7. Reviewer of abstracts - Conference Proceedings of the Peradeniya University International Research Sessions; iPURSE November 2014
8. Reviewer of abstracts – Member of the Editorial Subcommittee of the Peradeniya University International Research Sessions; iPURSE 2013

SUPERVISING  
POSTGRADUATE  
STUDENTS AND  
OTHER RESEARCH  
PROJECTS

Sirajudeen M.A.A Co-supervisor	PhD- 2017. A comparative clinical study of the Unani compound medical preparation for Antilipidaemic activity with special reference to the modern drug Atorvastatin.
WMKM Bandara Principal Supervisor	PhD- ongoing. Elucidating Oxidative DNA damage and DNA double stranded breaks in carcinogenic transformation of oral premalignant lesions caused by areca nut consumption
AK Baddevithana Co-supervisor	MPhil- ongoing. Association of Human Papilloma Virus (HPV) in oral pre-cancer and oral cancer and the relationship with P16 gene expression
RMAP Ramanayake 2019 Principal Supervisor	Expression of oxidative stress responsive genes in oral cancers and oral potential malignant disorders with the history of Betel Quid consumption
PSP Gunasekara 2019 External Supervisor	Areca Nut water extract induces the DNA damage in oral fibroblasts and increases the metastatic potential in oral carcinoma cells in vitro
YGM Prasadani 2019 External Supervisor	In vitro anti-cancer potency of <i>Osbeckia octandra</i> L.(Heen Bovitiya) leaf extract on oral carcinoma cells

EMTS Amarasinghe 2018 Co-supervisor	Students' life style, mental and physical health in a heavy snowing rural area: Comparison with a cross sectional survey conducted fifteen years ago
WD Premaratne 2018 Co-supervisor	Awareness on unprotected sexual practices and their implications among undergraduate students of the University of Peradeniya
MCN Wijesiri 2018 Principal Supervisor	Expression of p53 and TTF-1 in non-small cell lung carcinomas in a sample from tertiary care hospital in the central province.
SD Dahanayake 2017 Co-supervisor	Infertility knowledge, attitudes and perceptions among couples attending to infertility clinic at Castle Street Hospital, Colombo
AMC Kumarihami SDL Heshani 2017 Principal Supervisor	Development of brief image quality evaluation criteria for Ortho Pantomography (OPG) images in Dental Radiography
ALSK Lakshan 2017 Co-supervisor	Prevalence of central line associated blood stream infections in the intensive care unit of the teaching hospital Peradeniya
BRGTK Weerasinghe 2016 Principal Supervisor	The effect of music on the reduction of cancer related pain
GAK Sumali 2016 Principal Supervisor	A study on knowledge, attitude and practice of blood donation among undergraduate students in the University of Peradeniya
MKIP Madurawala 2015 Principal Supervisor	Analyzing DNA damage in Areca Nut Induced Oral lesions
AADN Amarakoon 2015 Principal Supervisor	Comparison of wound healing potential of Papaya peel dressing with Povidone- Iodine dressing on chronic wounds of patient at Kandy Teaching Hospital
YRIA Gunarathna 2013 Co-supervisor	The morphogenesis patterns of the optic cup development in the chick embryo
KAD Shalini 2013 Principal Supervisor	P16 gene mutation patterns in various stages of oral cancers associated with Human Papilloma Virus
WMKM Bandara 2013 Principal Supervisor	Oxidative stress caused by Areca Nut in oral mucosa leading to carcinogenesis

ADDITIONAL  
INFORMATION

**Contributions to the Faculty of Allied Health Sciences  
University of Peradeniya**

1. Acting Dean, Faculty of Allied Health Sciences, University of Peradeniya.
2. Head, Department of Nursing Faculty of Allied Health Sciences, University of Peradeniya from 24<sup>th</sup> July 2017 to 28<sup>th</sup> February 2019
3. Acting Head, Department of Nursing Faculty of Allied Health Sciences, University of Peradeniya from 1<sup>st</sup> February 2017 to 30<sup>th</sup> April 2017
4. Acting Head, Department of Medical Laboratory Science, Faculty of Allied Health Sciences, University of Peradeniya
5. Founder Secretary, Higher Degrees Committee, Faculty of Allied Health Sciences, University of Peradeniya



6. President, Peradeniya University Allied Health Science Teachers Association (PUAHSTA) 2017
7. Vice President, Peradeniya University Allied Health Science Teachers Association (PUAHSTA) 2014 & 2015
8. President, Staff Welfare Association of the Faculty of Allied Health Sciences, University of Peradeniya 2013 to 2019
9. Deputy Director, Student Welfare, Faculty of Allied Health Sciences, University of Peradeniya
10. Chairman / Convener, Infrastructure Development Committee, Faculty of Allied Health Sciences, University of Peradeniya
11. Convener, Building and Masterplan Development Committee, Faculty of Allied Health Sciences, University of Peradeniya established in 2015
12. Chairman, Students Welfare and Advisory Committee (SWAC), Faculty of Allied Health Sciences, University of Peradeniya
13. Senior Treasurer, FAHS Students Union 2014/2015 & 2015/2016
14. Initiating and developing research collaboration with the Oral Cancer Research Institute of the Yonsei University, Seoul, Korea and arranging donation of research equipment to the Department of Medical Laboratory Science, Faculty of Allied Health Sciences, University of Peradeniya
15. Initiating and developing MOU between John Hopkins University School of Nursing, USA and University of Peradeniya
16. Initiating and developing MOU between Choonghae College of Health Sciences, Ulsan, South Korea and University of Peradeniya
17. Establishing Collaborations with Choonhae College of Health Sciences, Ulsan City, South Korea and Implementation of Staff & Student Exchange Programme.
18. Initiating and developing MOU between School of Nursing University of Edinburgh, UK and University of Peradeniya
19. Initiating and developing MOU between Department of Nursing Sciences, Faculty of Medicine, University of Malaya, Malaysia and University of Peradeniya
20. Initiating MOU between Department of Nursing, Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak (UNIMAS) Sarawak, Malaysia. and University of Peradeniya
21. Organizing and facilitating training programmes, outreach programmes, workshops and carrier guidance programmes for the nursing undergraduates
22. Establishment of research microscopy room for the Department of Medical Laboratory Science and getting NSF grant for a new research microscope.
23. Faculty coordinator for the International Research Centre (appointed by the Vice Chancellor) University of Peradeniya from 2014-2016 & 2016-2018.
24. Supervising, examining and evaluating research projects of the Faculty of Allied Health Sciences, University of Peradeniya at various capacities (evaluation of proposals, proposal presentations, final projects and defense)
25. Reviewing research projects applied for Ethical Clearance from the Faculty of Allied Health Sciences, University of Peradeniya
26. Chairman- Organizing Committee of the 1<sup>st</sup> International Nursing Congress 6<sup>th</sup> and 7<sup>th</sup> April 2018 at Hotel Oakray Regency, Peradeniya, Sri Lanka
27. Member of the organizing committee & Chairman of the ceremonial subcommittee of the Faculty of Allied Health Sciences Undergraduate Research Symposium 2019
28. Member of the organizing committee & Chairman of the ceremonial subcommittee of the Peradeniya University International Research Sessions - iPURSE 2017 organized by the Faculty of Allied Health Sciences, University of Peradeniya.

29. Member of the organizing committee & Chairman of the ceremonial subcommittee of the Tenth Anniversary Celebrations of the Faculty of Allied Health Sciences, University of Peradeniya.
30. Chairperson / Member of the Technical Evaluation Committees
31. Member of the Faculty Library Committee, Faculty of Allied Health Sciences, University of Peradeniya.
32. Member of disciplinary Inquiry committees of the Faculty of Allied Health Sciences, University of Peradeniya.
33. Faculty representative to the senate committee of Networking and Telecommunication.
34. Faculty representative to the senate safety committee of University of Peradeniya.
35. Delivering guest lecture on Introduction to Pathology and motivational speech for new undergraduate entrants annually during their orientation programme.
36. Member of the Faculty Orientation Committee for the new entrance intake in 2016
37. Member of the faculty subcommittee of the Diamond Jubilee Celebrations of the University of Peradeniya.
38. Member of the faculty web committee to coordinate with the university webmaster

### **Contributions to the University of Peradeniya**

1. Member of the Programme Committee of the Staff Development Centre (SDC) of University of Peradeniya.
2. Member to the Senate, University of Peradeniya
3. Warden, Marrs Hall, University of Peradeniya 2019
4. Assisting to develop Research Laboratory of the "Centre for research in Oral Cancer", Faculty of Dental Sciences, University of Peradeniya.
5. Chief Organizer of the NCD Screening programme conducted for the employees of University of Peradeniya on 2<sup>nd</sup> and 3<sup>rd</sup> November 2015
6. Member of the main organizing committee and the chairman of the religious activity subcommittee of the 75 years Jubilee celebrations of University of Peradeniya.
7. Chairperson / Member of the Technical Evaluation Committees- Faculty of Medicine, Faculty of Dental Sciences, Faculty of Arts ( 2015/2016/2017/2018/2019)
8. External Supervisor, Research Projects Department of Animal Science, Faculty of Agriculture, University of Peradeniya
9. Member of the organizing committee & the fund raising - subcommittee of the Peradeniya University International Research Sessions - iPURSE 2016 organized by the Faculty of Dental Sciences, University of Peradeniya.
10. Designing and writing the full page paper article for the iPURSE 2016 organized by the Faculty of Dental Sciences, University of Peradeniya.
11. Member of the Senate appointed disciplinary committees

12. Member of the organizing committee & the ceremonial subcommittee of the Peradeniya University International Research Sessions - iPURSE 2019 organized by the Faculty of Agriculture, University of Peradeniya
13. Member of the logistics subcommittee of the general convocation of University of Peradeniya 2017
14. Faculty representative for the preparation of university cooperate plan in 2016
15. Member of the organizing committee of the International Congress on Oral Cancer, Smokeless Tobacco and Areca Nut, organized by the Faculty of Dental Sciences, University of Peradeniya, Sri Lanka. July 2016.
16. Member of the Programme Committee of the Peradeniya University International Research Sessions - iPURSE 2015
17. Member of the organizing committee of the International Congress on Oral Cancer, Smokeless Tobacco and Areca Nut, and the chief organizer of the post conference oral health camps with foreign collaborators, organized by the Faculty of Dental Sciences, University of Peradeniya, Sri Lanka. August 2014
18. Member of the organizing Committee of the General Convocation 2013
19. Member of the Editorial Committee of the Peradeniya University International Research Sessions - iPURSE 2013.

### **Contributions to the other universities**

1. Undergraduate Research Supervision of BSc Radiography, Faculty of Allied Health Sciences, General Sir John Kotelawala Defense University, Ratmalana, Sri Lanka
2. Lecturer & examiner in Postgraduate Institute of Medicine (PGIM) University of Colombo, Sri Lanka for Postgraduate Diploma in Family Medicine Course since 2012/2013 batch
3. Visiting lecturer and examiner at the Gampaha Wikramarachchi Ayurveda Institute, University of Kelaniya , Sri Lanka for undergraduate teaching of the subject General Pathology
4. Postgraduate teaching / examiner of MSc in Pancakarma, MSc in Kayacikitsa and Postgraduate Diploma in Kayacikitsa Programmes at the Gampaha Wikramarachchi Ayurveda Institute, University of Kelaniya , Sri Lanka
5. Visiting lecturer and examiner at the Institute of Indigenous Medicine, University of Colombo, Rajagiriya, Sri Lanka for undergraduate teaching of the subject General Pathology & Oral Medicine
6. Postgraduate teaching / examiner of MD (Ayurveda) Programme at the Institute of Indigenous Medicine, University of Colombo, Rajagiriya, Sri Lanka.

7. Evaluator PhD thesis & Research projects at Dr. NTR University of Health Sciences, Gunadala, Vijayawada, Andhra Pradesh, India

### **Acting as a chairperson or judge in research / scientific / academic conferences**

1. Session Chair for scientific sessions at the 6<sup>th</sup> Annual Conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 22<sup>nd</sup> February 2014, HICC, Novotel, Hyderabad, India.
2. Session Chair ,Annual Scientific Sessions, Sri Lanka Dental Association (Kandy Branch) January 2017
3. Judging presentations in the scientific sessions of the 8<sup>th</sup> Annual conference of The Asian Society of Oral and Maxillofacial Pathology (ASOMP). 19<sup>th</sup> & 20<sup>th</sup> August 2017, Vijayawada, India
4. Member of the scientific committee, Peradeniya University Physiotherapy Congress 2017
5. Session Chair ,Annual Scientific Sessions, Sri Lanka Dental Association (Kandy Branch) January 2018
6. Judging presentations in the scientific sessions of the Annual Conference of the Sri Lanka Dental Association SLDA (Kandy Branch) February 2019.
7. Session Chair for the Faculty of Allied Health Sciences Undergraduate Research Symposium 2019
8. Session Chair for the Peradeniya University International Research Sessions - iPURSE 2019 organized by the Faculty of Agriculture, University of Peradeniya

### **Contributions to the Professional Associations**

1. Committee member of the Sri Lanka Academy of Aesthetic and Cosmetic Dentistry since & served as a main organizing committee member and the chairman of the subcommittee for Web development, Souvenir and Publicity of the Asian Regional Aesthetic Dental Congress 2017 May 27 at Jetwing Blue Hotel, Negombo.
2. Sri Lanka Dental Association (SLDA) Kandy Branch. Being an active member of the SLDA Kandy Branch since 2013, held several positions in the council at various capacities; Council Member (2013-2019), Treasure (2015-2016), Hon. Secretary (2016-2017) and the President (2017-2018). Leadership in organizing annual

congresses, workshops, outreach programmes, community services, guest lectures etc for the betterment of the dental fraternity of the region.

<p><b>References</b></p>	<p><b>Professor WM Tilakaratne</b>          BDS, MS, FDSRCS, FRCPath, PhD          Chair Professor of Oral Pathology          Department of Oral Pathology          Faculty of Dental Sciences          University of Peradeniya          Sri Lanka          Past President: International          Association of Oral Pathologists          Director: Centre for Research in Oral          Cancer          TP: +94 812 397435          Mobile: ,+94 773 438477          Fax: +94 812388948          Email: <a href="mailto:wmtilak@pdn.ac.lk">wmtilak@pdn.ac.lk</a></p>	<p><b>Professor Jin Kim</b>          DDS, MSD, PhD          Emeritus Professor          Department of Oral Pathology          Yonsei University College of Dentistry,          Seoul, Korea          Former Director: Oral Cancer Research          Institute, Yonsei University College of          Dentistry, Seoul, Korea          TP: +82 2 2228 3037          Mobile: ,+82 10 3219 8056          Fax: +82 2 392 2959          Email: <a href="mailto:jink@yuhs.ac">jink@yuhs.ac</a>  <a href="mailto:jinkcafe@hanmail.net">jinkcafe@hanmail.net</a></p>
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