



NADISHA SEWWANDI PIYARATHNE

SUMMARY STATEMENT

I am a dedicated, motivated, self-driven early career academic. Expert skills include research design and conduct in both qualitative & quantitative methods, systematic reviewing, clinical dentistry, laboratory techniques in molecular biology and teaching in higher education institute.

PERSONAL

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TP: (+94)773437942, DOB: 19-January-1989
Gender: Female, Ethnicity: Sri Lankan

WORK EXPERIENCE

LECTURER (PROBATIONARY), DEPARTMENT OF BASIC SCIENCES, FACULTY OF DENTAL SCIENCES, UNIVERSITY OF PERADENIYA. SRI LANKA.

14/03/2016 – TO DATE

Key responsibilities include conducting lectures, small group discussions, tutorials, exam invigilation, conducting independent research and supervision of undergraduate research projects.

TEMPORARY ASSISTANT LECTURER, DEPARTMENT OF BASIC SCIENCES, FACULTY OF DENTAL SCIENCES, UNIVERSITY OF PERADENIYA. SRI LANKA

15/01/2015 - 14/03/2016

Key responsibilities include conducting lectures, small group discussions, tutorials, exam invigilation.

EDUCATION

PhD, UNIVERSITY OF ABERDEEN, UNITED KINGDOM

(2018-2022) Examination by Thesis titled “Salivary Biomarkers and Risk Factors in Oral Cancer and Oral Potentially Malignant Disorders” and viva voice examination.

**BACHELOR OF DENTAL SURGERY DEGREE WITH FIRST CLASS HONORS,
UNIVERSITY OF PERADENIYA, SRI LANKA**

Top of the batch D/08 (2009-2014)

**AWARDS /
MEDALS/ PRIZES**

Elphinstone Scholarship, University of Aberdeen, 2018

General Convocation, University of Peradeniya; Sri Lanka. 2016

- Prof. Brito Muthunayagam gold medal
- Dr. Ranjan Abesinghe prize for Dental surgery
- Lakshman Samaranayake award for excellence in oral medicine and oral pathology
- Gold medal for excellence in Restorative dentistry

Sri Lanka Dental Association – Gold Medal for the Best student of the year 2014

Commendable Oral Pathology Project at Oral Pathology open day,
University of Peradeniya (2014)

**ADMINISTRATIVE
RESPONSIBILITIES**

Secretary of the Centre for Research in Oral Cancer (CROC), Faculty of Dental Sciences, University of Peradeniya from 2022.01.25 up to date

Faculty co-representative for the SER Writing Team for Institutional Review-Criteria 3 on Teaching and Learning from 2021 up to date

**TEACHING
RESPONSIBILITIES**

- DS1101–Blood and Circulation
 - DS1102-Cells Tissues and Molecular Genetics
 - DS1201- Alimentation and Nutrition
 - DS1202 –Endocrinology, Metabolism and Excretion
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**PROFESSIONAL
MEMBERSHIPS**

Registration of the Sri Lanka Medical Council (Reg no: 2900)

Lifetime member of the Sri Lanka Dental Association

Lifetime member of the Peradeniya Dental Faculty Teachers
Association

**RESEARCH
PROFILE**

**Honorary Research Fellow, Institute of Medicine, Medical Sciences and
Nutrition, University of Aberdeen (2023-2026)**

ORCID: orcid.org/0000-0001-5834-6854

ResearchGate: <https://www.researchgate.net/profile/Nadisha-Piyarathne>
(Research interest score = 20.3)

GoogleScholar: <https://scholar.google.com/citations?user=Kg8h4CIAAAAJ&hl=en>
(H index=2, i10 Index=1, Number of total citations=14, by May 2023)

- **Ongoing research grants (1)**

Co-investigator for the study “Applications of white light images and artificial intelligence for the early detection of oral cancer in Sri Lanka” which received a competitive 2.5 Mn LKR worth Multi-disciplinary Research Grant -2022 from the University of Peradeniya. *In collaboration with Faculty of Engineering, University of Peradeniya, and Cancer Research Malaysia (local and foreign collaboration).*

- **Co-supervision of undergraduate research (4)**

Co supervisor of the undergraduate research projects of Ms P.D.M.K.C Pathirage (AHS/16/MLS/016) and Ms A.N.F Nuha (AHS/ 16/MLS/015), G. Tharindu Madusanka AHS/17/MLS/015 and Ms. M.R.F Raasiya (AHS/17/MLS/031).

- **Full paper publications (4) in peer reviewed indexed journals**

Paranagama MP, **Piyarathne NS**, Nandasena TL, Jayatilake S, Navaratne A, Galhena BP, Williams S, Rajapakse J, Kita K. The Porphyromonas gingivalis inhibitory effects, antioxidant effects and the safety of a Sri Lankan traditional betel quid - an in vitro study. BMC Complement Med Therapeutics. 2020, 20(1):259. Doi: 10.1186/s12906-020-03048-6. PMID: 32819379; PMCID: PMC7439561 (**Impact factor-3.47, 2020**).

NP role: Sample collection, laboratory analysis including antioxidant assays, colorimetric assays, herbal extraction methods.

Piyarathne NS, Rasnayake R.M.S.G.K, Angammana R, Chandrasekera P, Ramachandra S, Weerasekera M, Yasawardene S, Abu-Eid R, Jayasinghe J.A.P & Gupta E. Diagnostic salivary biomarkers in oral cancer and oral potentially malignant disorders and their relationships to risk factors – A systematic review, Expert Review of Molecular Diagnostics, 2021, Doi: 10.1080/14737159.2021.1944106 (**Impact factor-5.22, 2021**).

NP role: Protocol design, conducting literature research, data extraction, quality assessment, data analysis, manuscript writing.

Hettiarachchi PVKS, **Piyarathne N**, Siriwardena BSMS, Jayasinghe RD, Perera S, Tilakaratne WM. Controversies in Verruco Papillary Lesions of the Oral Cavity - A Systematic Review. Oral Dis. 2022, Doi: 10.1111/odi.14306. Epub ahead of print. PMID: 35801381. (**Impact factor-3.21, 2022**).

NP role: Protocol design, data extraction, quality assessment, data analysis, manuscript writing.

Piyarathne NS, Weerasekera M, Fonseka, P.F.D., Karunatileke, A.H.T. S, Liyanage, R. L. P. R., Jayasinghe, R.D., De Silva, K., Yasawardene, S., Gupta, E., Jayasinghe, J.A.P., Abu-Eid, R. Salivary Interleukin Levels in Oral Squamous Cell Carcinoma and Oral

Epithelial Dysplasia - Findings from a Sri Lankan Study. *Cancers*, 2023, 15 (5), 1510. doi:10.3390/cancers15051510. **(Impact factor – 6.5, 2023).**

NP role: Design, participant recruitment, sample collection, laboratory analysis (ELISA), data analysis, manuscript writing, collaborating with multiple groups.

- **Conference proceedings / Abstracts / Posters (7)**

REFERENCES

Professor J.A.P Jayasinghe
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Chair in Oral Sciences,
Institute of Dentistry,
School of Medicine, Medical Sciences and Nutrition,
University of Aberdeen
United Kingdom

Dr. Ekta Gupta
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lecturer,
Institute of Dentistry,
School of Medicine, Medical Sciences and Nutrition,
University of Aberdeen

Dr. Rasha Abu-Ed
rasha.abueid@abdn.ac.uk
Senior lecturer,
Institute of Dentistry,
School of Medicine, Medical Sciences and Nutrition,
University of Aberdeen