

Curriculum Vitae

Dr. JAMS Jayatilake

BDS (Sri Lanka), PhD, (Hong Kong)

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Department of Oral Medicine & Periodontology.

Faculty of Dental Science

University of Peradeniya

Sri Lanka

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Curriculum Vitae - Executive Summary

Name Dr. JAMS Jayatilake

Degrees BDS (Sri Lanka), Ph D (Hong Kong)

Current Appointments (intra- and extramural)

Head, Division of Microbiology, Faculty of Dental Sciences
Deputy Proctor, Faculty of Dental Sciences
Warden/Sarasavi Uyana Hall, University of Peradeniya, Sri Lanka. To date

Previous Appointments

Head, Department of Oral Medicine & Periodontology
Senior Student counselor at the Faculty of Dental Sciences

Key Honours and Awards

Sri Lanka presidential awards for scientific research for the years 2005, 2006, 2007, 2008, 2009 and 2010

Previous Honorary Appointments and Key Positions

Warden/ Marris Hall, University of Peradeniya, Sri Lanka.2011 and 2012

University Examinerships (Internal and external)

Examiner at the second BDS examination

Research

Major Research Interests: Host-pathogen interactions in Candidiasis, Oral microflora in health and disease, Polymicrobial biofilms, Epithelial tissue models.

Research and Review Publications

- Allison DL, Willems HM, Jayatilake JA, Bruno VM, Peters BM, Shirtliff ME. Microbiol Spectr. *Candida*-Bacteria Interactions: Their Impact on Human Disease. 2016 Jun; 4 (3). doi: 10.1128/microbiolspec.VMBF-0030-2016.
- Thilakumara IP, Jayatilake JAMS, Pallegama RW, Ellepola ANB. Denture induced stomatitis and associated factors in a group of patients attending a University Dental Hospital in Sri Lanka. *Journal of Investigative Clinical Dentistry*.2016;0:1-7
- Jayatilake JAMS, Rajapakse PS, Weerasinghe IE, Wanigasekara P, Vasanthathilaka VW. Oral hygiene and periodontal status in a group of patients with rheumatoid arthritis. *Indian Journal of Rheumatology* 2011; 6:111-15.
- Ellepola AN, Sundaram DB, Jayatilake JAMS, Joseph BK, Sharma PN. Knowledge and attitudes about HIV/AIDS of dental students from Kuwait and Sri Lanka. *Journal of Dental Education* 2011; 75:574-81.
- Jayatilake JAMS, Tilakaratne WM, Panagoda GJ. Candidal onychomycosis: A Mini-Review. *Mycopathologia*. 2009; 168:165-73.
- Jayatilake JAMS, Samaranayake YH, Samaranayake LP. An ultrastructural and a cytochemical study of candidal invasion of reconstituted human oral epithelium *Journal of Oral Pathology and Medicine* 2005; 34: 240-6.
- Samaranayake YH, Dassanayake RS, Jayatilake JAMS, Cheung BPK, Yau J YY, Yeung KWS, Samaranayake LP. Phospholipase B enzyme expression is not associated with other virulence attributes in *Candida albicans* isolates from patients with human immunodeficiency virus infection *Journal of Medical Microbiology* 2005; 54: 583-93.
- Jayatilake JAMS, Samaranayake YH, Cheung LK, Samaranayake LP. Quantitative evaluation of tissue invasion of *Candida albicans* isolates, hyphal and *SAP* mutants and non-*albicans* *Candida* species on reconstituted human oral epithelium *Journal of Oral Pathology and Medicine* 2006; 38: 484-91.
- Lu Q, Jayatilake JAMS, Samaranayake LP, Jin LJ. Hyphal invasion of *Candida albicans* inhibits the expression of human β -defensins in experimental oral candidiasis *Journal of Investigative Dermatology* 2006; 126: 2049- 56.
- Samaranayake YH, Dassanayake RS, Cheung BPK, Jayatilake JAMS, Yeung KWS, Samaranayake LP. Differential phospholipase gene expression by *Candida albicans* in artificial media and cultured human oral epithelium. *APMIS* 2006; 114:857-866.

Contributions to Scientific Meetings

- Jayatilake JAMS, Shivarajasingham S, Howshigan J, Jayatilake JAMA, Rajapaksa PS. Evaluation of ten year microbiology reports in a clinical microbiology laboratory. Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, Vol. 18, 4th & 5th July, 2014.
- Jayatilake JAMS, Bogoda BABM, Kularatne JB, Senanayake MRDM, Tilakaratne A. Occurrence of *Staphylococcus* spp. and *Candida* spp. in the periodontal pockets and oral cavity of patients with chronic periodontitis. Proceedings of the Peradeniya Univ. International Research Sessions, Sri Lanka, Vol. 18, 4th & 5th July, 2014.
- Mary PL, Jeyagowri N, Jayatilake JAMS, Parahitiyawa NB, Madhujith WMT. Evaluation of the prebiotic effect of local yams grown in Sri Lanka with *Lactobacillus curvatus*. Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, Vol. 18, 4th & 5th July, 2014.
- Jeyagowri N, Parahitiyawa NB, Jayatilake JAMS, Ranadheera S, Madhujith WMT. Antimicrobial activity of potentially probiotic *Lactobacillus* species isolated from fermented

rice. Proceedings of the Peradeniya University International Research Sessions, Sri Lanka, Vol. 18, 4th & 5th July, 2014.

- Jayatilake JAMS, Samaranayake LP, Samaranayake YH. Phospholipases of *Candida albicans* in a model of oral Candidosis.
82nd General session and exhibition of International Association for Dental Research held in Honolulu, Hawaii on 10-13, March 2004.
- Samaranayake YH, Jayatilake JAMS, Samaranayake LP, Yau JYY, Cheung BPK. Phospholipase enzyme (caPLB1) expression and candidal virulence in HIV infection.
82nd General session and exhibition of International Association for Dental Research held in Honolulu, Hawaii on 10-13, March 2004.