

P. D. V. M. Perera

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Areas of Specialisation

Veterinary Medicine

Areas of Competence

Microbiology, Molecular biology, Immunology

Education

1. Institution

University of Peradeniya, Sri Lanka (2005-2010)

2. Degree (Undergraduate)

Bachelor of Veterinary Science (BVSc) with *Second class upper honors*

3. Final Year Research Project

"Identification of Fish Pathogenic Mycobacterium Species by Restriction Fragment Length Polymorphism (RFLP)-PCR"

4. Post-graduate project (M.Phil)-Ongoing

"Determination of resistance mechanisms and the genes coding for such resistance in clinically significant Enterobacteriaceae isolated from urine specimens at a state tertiary care referral hospital and a private hospital in Sri Lanka "

Registered for an M.Phil in Medical faculty, University of Colombo

Work Experience

2012-To date:

Lecturer in the department of Microbiology, Faculty of Medicine, South Asian Institute of Technology and Medicine, Malabe, Sri Lanka

2010- 2012:

1. Lecturer in the Department of Veterinary pathobiology , Faculty of Veterinary medicine and Animal Science, University of Peradeniya, Sri Lanka

2. Worked as a Research assistant at the *Centre for Aquatic Animal Disease Diagnosis and Research (CAADDR), University of Peradeniya, Sri Lanka*

Titles of the projects:

- Development of Rapid Test (based on PCR) to Diagnose Fish Mycobacteriosis in Sri Lanka
- Development of Rapid Test (based on LAMP) to Diagnose Bovine Mycobacteriosis in Sri Lanka

3. Internship at the Veterinary Research Institute and the Central Veterinary investigation Center in Gannoruwa, Sri Lanka

4. Internship at the Government Veterinary Hospital in Peradeniya, Sri Lanka

Awards

- **2014:** Award for the best presentation in Medical Research Symposium of South Asian Institute of Technology and Medicine for the year 2014
- **2011:** Award for the best presentation in Fish and Wild Life at the Annual Scientific Sessions of the Sri Lanka Veterinary Association for the year 2011

Training programs attended

1. **2015:** Certificate course (online) on Instructional Methods in Health Professions Education, University of Michigan (offered by Coursera)
2. **2014:** Certificate course (online) on Medical education in the New Millennium, University of Stanford (offered by Stanford Online)
3. **2012:** Certificate course on Molecular biological techniques conducted by Institute of Biochemistry, Molecular Biology and Biotechnology, University of Colombo, Sri Lanka
4. **2012:** Workshop on research methodology conducted by Sri Lanka Public Health Education Institutes Network.
5. **2011:** Training program on identification of *Leptospira* species by PCR conducted by the Faculty of Medicine, University of Ragama, Sri Lanka
6. **2009 :** Training program on microbiological methods at Veterinary Research Institute of Sri Lanka
7. **2009:** Training program on Developing and maintenance of cell lines at Animal Virology Lab of Sri Lanka
8. **2009:** Short course on Health and Anesthesia in captive elephants conducted by the Post Graduate Institute of Science, University of Peradeniya, Sri Lanka

Publications

- Perera, V., Brahmananyake, BSAJP., Basnayaka, P., Asselage P., De Silva N. “ A retrospective study of methicillin- resistant *Staphylococcus aureus* (MRSA) infections in a private hospital in Sri Lanka, Bulletin, Sri Lanka Collage of Microbiologists, (2015), Vol 13(1):22

- Perera, V., De Silva N., Online Formative Assessments in Clinical Microbiology Using Learning Management Systems, Proceedings, Conference on Higher Education in Sri Lanka, (2015): 9-12
- Perera, V., Asselage P., De Silva N. " Profile of Extended Spectrum Beta Lactamases (ESBL) Producing enterobacteria isolated from clinical specimens in a private teaching hospital in Sri Lanka, Bulletin, Sri Lanka Collage of Microbiologists, (2014), Vol 12:19-20
- Perera, V., De Silva N , Wijetunga, S., Jawfer, A M., De Silva, N., Kanakarathne, N. Lecture hall without lectures- Effectiveness of Online versus Traditional Lectures. Bulletin, Conference on Higher Education in Sri Lanka, (2014): 35-38
- Perera, V., Asselage P., De Silva N. " Profile of Extended Spectrum Beta Lactamases (ESBL) Producing enterobacteria isolated from clinical specimens in Neville Fernando teaching Hospital (NFTH), Malabe. Bulletin, Medical Research Symposium, SAIMT, (2014):13-14
- Perera, V., Wijetunga, S., Jawfer, A M., De Silva, N., Kanakarathne, N. Lecture hall without lectures- A strategy to encourage deep learning in a medical school. Bulletin, Medical Research Symposium, SAIMT, (2014): p.15
- Perera, P.D.V.M., Dissanayake, D.R.A., Arulkanthan, A., Jagoda, S.S.S.de.S., Edirisinghe, E.A.R. "Identification of Fish Pathogenic Mycobacterium Species by PCR-Restriction Fragment Length Polymorphism (RFLP) of the *RPOB* Gene". Proceedings, Peradeniya University Research Sessions 15, (2010) :320-322
- Perera, P.D.V.M., Dissanayake, D.R.A., Arulkanthan, A., Jagoda, S.S.S.de.S., Edirisinghe, E.A.R. "Piscine Mycobacteriosis: An Emerging Disease in Guppies in Sri Lanka". Proceedings, Scientific Sessions of the Sri Lanka Veterinary Association 63 ,(2011): p. 37

Professional affiliations

Member of Sri Lankan Society of Microbiology (SSM)

Member of Sri Lanka Veterinary Association (SLVA)

Member of Sri Lanka Association for Improving Higher Education Effectiveness (SLAIHEE)