

## NUSHKA LAHIRI UBHAYAWARDANA

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### Educational Qualifications

- Reading for a **M. Phil** degree in Molecular Microbiology at Faculty of Graduate Studies, University of Sri Jayewardenepura
- **B.Sc. (Special) Human Biology (Hons)**, Faculty of Medical Sciences, University of Sri Jayewardenepura

### Professional Profile

- **Lecturer** in Parasitology at Faculty of Medicine, South Asian Institute of Technology and Medicine, Malabe; from September 2014 - up to date.
- **Visiting lecturer** in Cytology and Genetics, Faculty of Health and life Sciences, Management and Science Institute, Colombo 03; from July 2014 to October 2014.

### Research and Publications

#### Publications in Journals

- **Ubhayawardana DLNL**, Weerasekera MM, Weerasekera DD, Samarasinghe K, Gunasekera TDCP, Fernando SSN. Detection of Clarithromycin Resistant *Helicobacter pylori* Strains in a Dyspeptic Patient Population in Sri Lanka by PCR-RFLP. Indian Journal of Medical Microbiology: 2015: 33; 3. P 374-377.
- **D.L. Nushka L. Ubhayawardana**, Manjula M. Weerasekera, Deepaka D. Weerasekera, T.D. Chinthika P. Gunasekera, and S.S. Neluka Fernando. Proportion of *Helicobacter pylori* Among Dyspeptic Patients Detected by Molecular Methods in a Teaching Hospital in Sri Lanka. International Journal of Enteric Pathogens. Nov 2015:3(4). P 48-50.
- **Ubhayawardana D. L. N. L.**, Kottahachchi, J., Weerasekera M. M., Wanigasooriya I. W. M. P., Fernando S. S. N., De Silva M.: Residual bioburden in reprocessed side-view endoscopes used for endoscopic retrograde cholangiopancreatography (ERCP). Endoscopy International Open. 2013: 01; 01. P 12-16.

- **Ubhayawardana DLNL**, Weerasekera MM, Gunasekera TDCP, Samarasinghe K, Weerasekera DD, Fernando SSN. *Helicobacter pylori* infection: Correlation to disease severity and Clarithromycin resistance in a Sri Lankan setting. International Journal of Infectious Diseases. 2016; 45:47. DOI: 10.1016/j.ijid.2016.02.145.
- **Ubhayawardana DLNL**, Weerasekera MM, Gunasekera, TDCP Weerasekera DD, Fernando SSN, Samarasinghe K. Histological Evaluation of gastritis by Updated Sydney System and *Helicobacter pylori* infections in Dyspeptic patients. The manuscript has been submitted to Endoscopy International Open and now it is under editorial review.
- A.M.P.S. Arachchi, T.D.C.P. Gunasekara, M.M. Weerasekera, **D.L.N.L. Ubhayawardana**, D. Weerasekera, K. Samarasekara, M.B.S. Senevirathna, S.S.N. Fernando. Association of HLA-DQA1\*0102, HLA-DQA1\*0103 and HLA-DQB1\*0301 (Human Leukocyte Antigen) with *Helicobacter pylori* Infection and their Influence on the Disease Severity among Dyspeptic Patients. The manuscript has been submitted to Indian Journal of Pathology and Microbiology and now it is under peer review.

#### **International research communications with published abstract**

- **Ubhayawardana DLNL**, Weerasekera MM, Weerasekera DD, Gunasekera TDCP, Kishokumar A, Wanigasooriya IWMP, Bogahawaththa A, Samarasinghe K, Fernando SSN. Is clarithromycin resistant *Helicobacter pylori* a problem in Sri Lanka?; 127<sup>th</sup> Anniversary International Medical Congress of the Sri Lanka Medical Association. 2014.
- SSN Fernando, **N Ubhayawardana**, MM Weerasekera, TDCP Gunasekera, D Athukorale, D Weerasekera. *Helicobacter pylori*, risk factors and resistance to clarithromycin among dyspeptic patients in Sri Lanka. International Journal of Technical Research and Applications. e-ISSN: 2320-8163. GRDS International Conference Advances in Health and Life Sciences (Bangkok) (January, 2015).
- **Ubhayawardana DLNL**, Weerasekera MM, Gunasekera TDCP, Samarasinghe K, Weerasekera DD, Fernando SSN. *Helicobacter pylori* infection: Correlation to disease severity and Clarithromycin resistance in a Sri Lankan setting. 17th International Congress on Infectious Diseases. Hyderabad, India. March 2016.
- A.M.P.S. Arachchi, M.M. Weerasekera, S.S.N. Fernando, **D.L.N.L. Ubhayawardana**, D. Weerasekera, K. Samarasinghe, M.B.S. Senevirathna, T.D.C.P. Gunasekera. Association of selected HLA DQA1 and DQB1 alleles with *Helicobacter pylori* infection and disease severity among dyspeptic patients. 129<sup>th</sup>

Anniversary International Medical Congress of the Sri Lanka Medical Association 2016.

- A.M.P.S. Arachchi, M.M. Weerasekera, S.S.N. Fernando, **D.L.N.L. Ubhayawardana**, D. Weerasekera, K. Samarasinghe, M.B.S. Senevirathna, T.D.C.P. Gunasekara. Association of *Helicobacter pylori* infection and virulence factors with selected Human Leukocyte Antigen -DQA1 and -DQB1 alleles among dyspeptic patients. The abstract has been accepted for an oral presentation at 7th International Conference on Biotechnology, Bio Informatics, Bio Medical Sciences and Stem Cell Applications (B3SC) to be held on 11-12 Nov 2016, Singapore.

### Local research communications with published abstracts

- **DLNL Ubhayawardana**, J Kottachichi, MM Weerasekera, IWMP Wanigasooriya, KWN Damayanthi, SSN Fernando, Mohan De Silva. Effectiveness of the manual reprocessing of side –view endoscopes used for Endoscopic Retrograde Cholangiopancreatography (ERCP). *42<sup>nd</sup> Annual Academic Sessions College of Surgeons 2013*. Volume 31, S1: P 30.
- **Ubhayawardana DLNL**, Kottahachchi J, weerasekera MM, Wanigasooriya IWNP, Damayanthi KWN, De Silva M, Fernando SSN. A study of residual viable bio burden in reprocessed side view endoscopes used for Endoscopic Retrograde Cholangiopancreatography (ERCP). *Sri Lanka College of Microbiologists*. Volume 11 Issue 1 July 2013 ISSN 1391-930X.
- **Ubhayawardana DLNL**, Weerasekera D, Fernando SSN , Kishokumar A, Wanigasooriya IWMP, Weerasekera MM, Gunasekara TDCP, Samarasinghe K. Histological findings in a *Helicobacter pylori* infected dyspeptic patient population. Scientific sessions 2015, Faculty of Medical Sciences, University of Sri Jayewardenepura.
- Athukorala GIDDAD, **Ubhayawardana NL**, Dissanayake DMBT, Weerasekera D, Gamage B, Fernando SSN , Samarasinghe K, Gayani GWGS, Bogawaththa LBAE. Is *Helicobacter pylori* a problem in patients with dyspeptic symptoms in Sri Lanka?. The bulletin of the Sri Lanka College of Microbiologists. Volume 14: Issue 1; August 2016. ISSN 1391-930X.

### Ongoing Research

Prevalence of *Ascaris lumbricoides* and *Trichuris trichiura* infections among primary school children in Kaduwela MOH area following floods

## **Grants Received**

- NSF travel grant (RGB/ GEN/ 06/2016/ 01/20) to attend 17<sup>th</sup> International Congress on Infectious Diseases, Hyderabad, India. March 2016.

## **Membership of Professional Organizations**

- Member of International Society for Infectious Diseases
- Member (Y/U/02) of Young Scientist Forum, National Science and Technology Commission

## **Other University Activities**

- Coordinator of “Foundation program for Medicine” at Faculty of Medicine, South Asian Institute of Technology and Medicine from September 2015.

### Faculty Committee

- Member of Medical Education Unit, Faculty of Medicine, South Asian Institute of Technology and Medicine

## **Professional Interest and Activities**

- Following Staff Development Program organized by the SAIMT IQA committee from October 2015.
- **Diploma in Information Technology** 2010. School of computing, University of Colombo.
- Followed English courses at British council and successfully completed.
- Participated in the workshop “Antibiotic stewardship in the resource limited setting” organized by International Society for Infectious Diseases on 2<sup>nd</sup> of March 2016.
- Participated in the workshop “Basic Statistics” for M. Phil/Ph. D students at the IT lab of the Faculty of Graduate students, University of Sri Jayewardenepura on 30<sup>th</sup> November 2015.
- Followed short course on **Medical Research Methodology** organized by PGIM, University of Colombo from 23.09.2015 to 18.11.2015
- Participated workshop on “Effective Research Proposal Writing” organized by National Science foundation held on 09.09.2015.
- Participated in the workshop on “Get smarter with IT” conducted by Faculty of ICT & Media, South Asian Institute of Technology & Medicine. 29.07.2015.
- Participated in the workshop on “How to write references for research works by using software” held on 10.12.2013, conducted by PGIM, University of Colombo.