

# CURRICULUM VITAE

SONG KEANG PENG

## EDUCATION

**1995:** Doctor of Philosophy (PhD)

Department of Cell Biology and Biochemistry, School of Medicine, Texas Tech University Health Sciences Center, Texas, USA

**1988:** Bachelor of Dental Surgery (BDS)

School of Dentistry, Chung Shan Medical and Dental College, Taichung, Taiwan (now Chung Shan Medical University)

## ACADEMIC AND ADMINISTRATIVE APPOINTMENTS

**2006 – present:** School of Science, Monash University Malaysia

- **January 2018 – present**  
**Deputy Head of School (Education)**
- **August 2016 – December 2017**  
**Head, Discipline of Medical Sciences**
- **June 2013 – August 2016 :**  
**Head, Discipline of Food and Biomedical Sciences**  
**Coordinator, Graduate Research and Training**
- **October 2008 – June 2012 :**  
**Head of School**
- **March 2007 – September 2008 :**  
**Deputy Head of School**

**1995 – 2005:** Department of Microbiology, Yong Loo Lin School of Medicine, National University of Singapore

## PUBLICATIONS – REFEREED PAPERS (Best 10)

1. How, K.Y., Chan, K.G., and Song, K.P.\* *Porphyromonas gingivalis*: an overview of periodontopathic pathogen below the gum line. 2016. *Frontiers in Microbiology*. doi.org/10.3389/fmicb.2016.00053 (review article).
2. Goh, S., Ong, P.F., Song, K.P., Riley, T.V. and Chang, B.J. The complete genome sequence of *Clostridium difficile* phage phiC2 and comparisons to phiCD119 and inducible prophages of CD630. 2007. *Microbiology (UK)*. 153:676-685.
3. Lee, A.S.Y. and Song, K.P.\* LuxS/autoinducer-2 quorum sensing molecule regulates transcriptional virulence gene expression in *Clostridium difficile*. 2005. *Biochemical and Biophysical Research Communications*. 335:659-666.

4. Tan, K.S., Ong, G. and Song, K.P.\* Introns in cytolethal distending toxin gene of *Actinobacillus actinomycetemcomitans*. 2005. *Journal of Bacteriology*. 187:567-575.
5. Yeo, C.C., Wong, M.V., Song, K.P. and Poh, C.L. Molecular characterization of an inducible gentisate 1, 2-dioxygenase gene, xlnE, from *Pseudomonas alcaligenes* NCIB 9867. 2003. *Gene*. 312:239-248.
6. Tan, K.S., Song, K.P.\* and Ong, G. Cytolethal distending toxin of *Actinobacillus actinomycetemcomitans*: Occurrence and association with periodontal disease. 2002. *Journal of Periodontal Research*. 37:268-272.
7. Tan, K.S., Woo, C.H., Ong, G. and Song, K.P.\* Prevalence of *Actinobacillus actinomycetemcomitans* in an ethnic adult Chinese population. 2001. *Journal of Clinical Periodontology*. 28:886-890.
8. Tan, K.S., Song, K.P.\* and Ong, G. *Bacteroides forsythus* prtH genotype in periodontitis patients: Occurrence and association with periodontal disease. 2001. *Journal of Periodontal Research*. 36:398-403.
9. Tan, K.S., Wee, B.Y. and Song, K.P.\* Evidence for holing-function of *tcdE* gene in pathogenesis of *Clostridium difficile*. 2001. *Journal of Medical Microbiology*. 50:613-619.
10. Faust, C., Ye, B.X. and Song, K.P. The enzymatic domain of *Clostridium difficile* toxin A is located within its N-terminal region. 1998. *Biochemical and Biophysical Research Communication*. 251:100-105.

\* As corresponding author.

## PUBLICATIONS – BOOK CHAPTER

1. Chow, V.T.K., Inglis, T.J.J. and Song, K.P. Diagnostic clinical microbiology. 2012. In *Microbial Biotechnology – Principles and Applications*. Third Edition, edited by Lee, Y.K. World Scientific Publishing. pp 585-670.

## PATENT

1. Kishen, A., George, S., Neo, C.C. and Song, K.P. Method of treating microorganisms in the oral cavity via photodynamic therapy employing a non-coherent light source. 2006. US Patent 689997.