

# Curriculum Vitae

## CONTACT INFORMATION:

Name : Teo Kah Cheng

Designation : Senior Lecturer

Contact Address : Department of Biomedical Science  
Faculty of Science,  
Universiti Tunku Abdul Rahman  
Jalan Universiti, Bandar Barat,  
31900 Kampar, Perak,  
Malaysia.

Telephone no. : H/P: 012-2762148

Email address : teokc@utar.edu.my, chengyteo@gmail.com

## EDUCATIONAL BACKGROUND AND CURRENT

**On-going Postgraduate Studies, Doctor of Philosophy (Science) in UTAR.** Title: Synthesis and Antimicrobial Activity of 1,2,4- Triazole derivatives.

**Master of Science (Medical Research)** (CGPA 3.52/4.00), Advanced Medical and Dental Institute, Universiti Sains Malaysia, 2006.

**Title of Thesis:** Detection of Cox-2 and C-Met Proteins in Nasopharyngeal Carcinoma (NPC) by Immunohistochemistry (IHC): Study on Malaysian Patients.

**Bachelor of Science (Hons) in Microbiology** (Second Class Upper: CGPA 3.26/4.00), School of Biological Science, Universiti Sains Malaysia, 2005.

**Title of Thesis:** Characterization of *Fusarium oxysporum* f.sp.*cubense* isolates from banana based on morphology and molecular studies.

**Academic Award:** Dean's list for second semester, 2004/2005

## **SCIENCE AWARD**

### **INTERNAL GRANT**

Co-researcher of UTARRF 2011, awarded RM68,000. Title of Research: Synthesis and Antimicrobial activity of 1,3,4-Thiadiazoles and 1,3,4-Thiadiazines.

Co-researcher of UTARRF 2012, awarded RM56,000. Title of Research: Synthesis and Antibacterial activity of new Thiazole Schiff bases.

### **EXTERNAL GRANT**

Recipient of **Malaysia Toray Science Foundation, Science & Technology Research Grant 2012**, awarded RM20,000. Title of Research: Synthesis and Antibacterial activity of 1,3,4-Thiadiazines.

## **TEACHING EXPERIENCE**

1 Jan 2013 – Senior Lecturer at present in Universiti Tunku Abdul Rahman (UTAR)

From 6 Oct 2008 to 31 Dec 2012– Lecturer in Universiti Tunku Abdul Rahman (UTAR)

Duties/Responsibilities:

Conduct lectures, tutorials, practical classes, final year project and research works (UTARRF)

Subject Taught:

- UDEE 2114 (UESE 2114), UDBB 2113 (UESB 2113), UDDD 2233 (UESD 2113) Microbiology
- UESB 2142 Laboratory 2A
- UDEE 3214, UDDD 2214 Immunology (Practical)

Lecturer, July 2007 – Sept 2008,

International University College of Twintech Technology (IUCTT)

Duties/Responsibilities:

Conduct lectures, tutorials, practical classes, final year project and research

Subject Taught:

Cancer Biology, Microbes in Biotechnology, Fundamentals of Biotechnology, Medical Microbiology, Evolution and Environmental Biology, Molecular Pathogenesis and Molecular Biology

## **RESEARCH INTEREST**

Environmental Microbiology (Diversity of fungi and bacteria)  
Synthetic Medicinal Chemistry

## **ADMINISTRATIVE EXPERIENCE**

- April 2010- At present, member of Laboratory Management Committee (LMC), UTAR

## **MEMBERSHIPS**

- Life member of Malaysian Society For Microbiology (c/o Department of Microbiology, Faculty of Biotechnology & Biomolecular Sciences, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor.
- Member of Centre of Biodiversity Research (CBR), UTAR

## **SCIENTIFIC EXPERIENCE**

- Acquired the skill of culturing in vitro explant of *Pereskia bleo* during the training in Plant Tissue and Cell Culture Laboratory, Universiti Sains Malaysia.
- Able to perform DNA extraction using DNeasy Mini Plant Kit (QIAGEN), molecular techniques such as PCR-RAPD and electrophoresis and programme NT-SYS version 2.0 in the data analysis.
- Hands-on experience on performing tissue sectioning, tissue processing and immunohistochemistry technique
- Various skills in isolation and culturing of microorganisms

## **PUBLICATION**

- Goh Teik Khiang, Lee Li Ling, **Teo Kah Cheng**. A New Coprophilous Gilmaniella Species From Malaysia. *Mycotaxon*, August 2013 (Accepted) (*ISI Cited Publication*)
- **Teo, K.C.** and Teoh, S.M. (2011). Preliminary biological screening of microbes isolated from cow dung in Kampar. *African Journal of Biotechnology*. 10(9): 1640-1645 (*ISI Cited Publication*)
- Ong, K.S., Chin, H.S. and **Teo, K.C.** (2011). Screening of antibiotic sensitivity, antibacterial and enzymatic activities of microbes isolated from ex-tin mining lake. *African Journal of Microbiology Research*. 5(17): 2460-2466 (*ISI Cited Publication*)

- Ong, K.Y., Chin, H.S. and **Teo, K.C.** (2011). Biological screening of microbes isolated from soil of ex-tin mining land in Kampar Area. *African Journal of Microbiology Research*. 5(27): 4757-4763 (ISI Cited Publication)
- Chin, H.S., Goh, K.W., **Teo, K.C.**, Chan, M.Y., Lee, S. W. and Ong, Lisa G. A. (2011). Predicting the catalytic sites of *Streptomyces clavuligerus* deacetylcephalosporin c synthase and clavaminic synthase 2. *African Journal of Microbiology Research*. 5(21): 3357-3366 (ISI Cited Publication)

### **CONFERENCE (POSTER PRESENTATION)**

- Chou, K.Y., Sim, K.M., **Teo, K.C.** (2011). Preliminary Screening For Antibacterial Properties of Local Plant In Malaysia: *Azadirachta Indica*. Malaysian Symposium on Biomedical Science II. Kulliyah of Science, IIUM Kuantan Campus, 12<sup>th</sup> -13<sup>th</sup> March , pp 81-82
- Cheong, K.H. & **Teo, K.C.** (2012). Isolation and Characterisation of bacteria isolated from organic farm soil. 3<sup>rd</sup> Malaysian Biomedical Science Symposium (MySymbio), Biomedical Science Programme, Faculty of Medicine, University of Malaya, 19-20 May 2012.
- Goh, S.S. & **Teo, K.C.** (2012). Isolation and Characterisation of bacteria isolated from pig dung. 3<sup>rd</sup> Malaysian Biomedical Science Symposium (MySymbio), Biomedical Science Programme, Faculty of Medicine, University of Malaya, 19-20 May 2012.