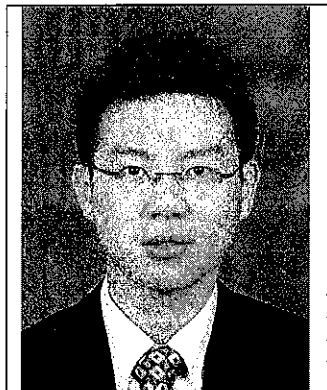


# CURRICULUM VITAE

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## PARTICULARS



Full name : Terence Tan Yew Chin  
Nationality : Malaysian  
Current Position: Head of Integrative Health Information Unit  
Pharmacist UF52

## CONTACT DETAILS

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## **EDUCATION**

**2003 - 2006**

**University of Strathclyde, Scotland & International Medical University**  
Master of Pharmacy

**Sept 2013 – Sept 2014**

**Universiti Kebangsaan Malaysia, Malaysia**  
MSc in Pharmaceutical Analysis

## **PROFESSIONAL EXPERIENCE**

**2006- 2007: Provisional Registered Pharmacist**

**Hospital Sultanah Aminah, Johor Bahru**

**2007 – December 2008: Enforcement Pharmacist**

**Bahagian Penguatkuasa Farmasi Johor, Johor Bahru**

**January 2009 – September 2013: Pharmacist Officer**

**Herbal Medicine Research Center, Institute for Medical Research**

**Sept 2013 – Sept 2014: Study leave for MSc in Pharmaceutical Analysis**

**Universiti Kebangsaan Malaysia, Malaysia**

- Among the topics covered were advanced pharmaceutical analysis methods, pharmaceutical quality assurance, molecular and atomic spectroscopy analysis, statistics and chemometry for pharmaceutical analysis, spectroscopic techniques in structural elucidation, pharmaceutical bioanalysis, pharmaceutical quality control and bioequivalence & bioavailability

**Sept 2014 – March 2017: Pharmacist Officer**

**Herbal Medicine Research Centre, Institute for Medical Research**

**March 2017 – Now: Head of Information Unit, Pharmacist Officer**

**Herbal Medicine Research Centre, Institute for Medical Research**

## **EXPERIENCE**

Number of years in research: 9 years (2009 – 2017)

Number of years in Herbal Medicine and Traditional & Complementary Medicine (T&CM): 8 years (excluding 1 year study leave for MSc)

### **Summary: Areas of research**

- Experienced in systematic review to provide source of high level of evidence as the basis for further research, development of policy and regulation as well as the source of reference for the utilization of herbals and T&CM.
- Herbal Medicine Research primarily focuses on product development which capitalizes on the pharmaceutical drug development pathway. The whole research spectrum utilizes the expertise for the development of evidence based documents, the conduct of preclinical and clinical studies and the translational research.
  - Across the years, the development of evidence based documents has been a major activity as the field of herbal medicine and T&CM requires information collection with continuous update on research progress in preclinical and clinical studies for certain herbs. This type of work extensively utilizes review methods including systematic review. The compiled information serves as a source of information for further planning in herbal medicine research. The outputs of these works; some with collaborations with other institutions; are the Compendium, Monographs, Global Information Hub on Integrated Medicine (GlobinMed), the systematic reviews of palm oil in relation to several diseases and others. The publications and website serve as a point of reference for the public, doctors, T&CM practitioners, industry, regulators, lecturers, students and many others. The training for Evidence Based Integrated Medicine (IMEvidence) has been conducted since 2014.
  - Experienced in preclinical research for herbal medicine development which includes the standardization, efficacy and safety (inclusive of the Good Laboratory Practice lab for toxicology studies). The findings are useful in providing an alternative source of treatment or adjuvant treatment for dengue, malaria, microbial infection and others.
  - Trained in Good Clinical Practice.

### **LIST OF RESEARCH PROJECTS**

#### **Herbal Medicine Research: Evidence based Information**

1. Title: Malaysian Herbal Monograph Volume III. Malaysian Herbal Monograph Committee.  
Year started: 2010  
Year completed: 2011  
Position held: Researcher, Writer

2. Title: Malaysia Herbal Monograph (NKEA EPP1)  
 Year started: 2011  
 Year completed: Still ongoing  
 Position held: 2011 – 2016: Researcher & Secretariat  
 2015 – now: Researcher, Secretariat & Member of Technical Committee
  
3. Title: Global Information Hub on Integrated Medicine (*GlobinMed*)  
 Year started: Project started in 2003 but only joined in 2009  
 Year completed: The prototype 'InfoHub' was launched in 2003 and full '*GlobinMed*' website was launched in 2008. The website is currently active with several other small projects eg Evidence based Integrated Medicine (IMEvidence), Monograph,  
 Position held: Editor, Content coordinator, Gatekeeper
  
4. Title: Systematic Review on Palm Oil Effects on Different Diseases i.e. Hypercholesterolaemia, Atherosclerosis,  
 Year started: 2016  
 Year completed: 2017  
 Position held: Author for group 'Hypercholesterolaemia'

## PUBLICATIONS

1. "Herbal Medicines Used in Primary Healthcare in ASEAN" in 2016.
  
2. Writer of multiple articles for Global Information Hub on Integrated Medicine (*GlobinMed*) (2009 - now)
  - i. Herbal monographs: Eg: *Carica papaya*, *Apium graveolens*, *Piper betle*, and others for Safety of Herbal scope.
  - ii. Malaysian Herbal Monograph (NKEA EPP1) especially for the Traditional Use and Pharmacology for Medicinal Herbs & Plant Database scope
  - iii. Summary report for Progress of TCM Act for T&CM scope
  - iv. Homeopathy for the Treatment of Headache Disorders for IMEvidence scope
  
3. Writer and Editor of the Traditional Use, Pharmacology and Safety components for the Malaysian Herbal Monographs published on [www.globinmed.com](http://www.globinmed.com) (2011 – now)
  
4. **Terence TYC**. Comparison of Selected Malaysian Curcuma Species Using Different Development Chromatographic Methods (Thesis)
  
5. Malaysian Herbal Monograph Volume III. Malaysian Herbal Monograph Committee. 2013. FRIM, Kepong.
  
6. Malaysian Herbal Monograph 2015. Malaysian Herbal Monograph Committee. 2015. Institute for Medical Research, Kuala Lumpur.

7. **Terence TYC**, Chelyn JL, Akmal S, Rosli SN, Norhata NH, Ramawi F, Teh BP, Ismail Z. Malaysian Herbal Monograph Development and Challenges. (Manuscript)
8. Teh BP, Ami Fazlin SM, **Terence TYC**, Delarina F. *Apium graveolens* (Celery) for the Treatment and Prevention of Essential Hypertension in Adults. Cochrane (Protocol)
9. **Terence TYC**, Teh BP, Siti Habsah SZ, Siti Hajar MR, Puteri Sofia NMK, Karina K. The effects of palm oil (*Elaeis guineensis*) on human serum lipid profile: a systematic review and meta-analysis. (Manuscript)

## PRESENTATIONS / POSTERS

1. **Terence TYC**. The Global Information Hub on Integrated Medicine: Malaysia Strategic Initiative. Karnival Farmasi 2012, Selangor, Malaysia.
2. **Terence TYC**. The Global Information Hub on Integrated Medicine: Malaysia Strategic Initiative. Thailand Delegates Visit, Institute for Medical Research, Kuala Lumpur Malaysia
3. **Terence TYC**. IMEvidence: Evidence based Integrated Medicine – SICOM & Search Strategy. (2013-now)
4. Terence Tan Yew Chin, Teh BP, Norazila Z, **Ami Fazlin SM**. Herbal monograph development in Malaysia, National Regulatory Conference, 5 August 2015, Selangor.
5. **Terence TYC**, Ami Fazlin SM. Introduction and Traditional Knowledge Application, Pre-clinical & Clinical Study Roadmap, 22 November 2016, Kuala Lumpur.
6. **Terence TYC**, Teh BP, Siti Habsah SZ, Siti Hajar MR, Puteri Sofia NMK, Karina K. The effects of palm oil (*Elaeis guineensis*) on human serum lipid profile, NIH Research Week 2016, 19-23 November 2016, Kuala Lumpur
7. Terence TYC, Teh BP, **Siti Habsah SZ**, Siti Hajar MR, Puteri Sofia NMK, Karina K. The effects of palm oil (*Elaeis guineensis*) on human serum lipid profile, Hospital Kuala Lumpur Research Day, 10 August 2017, Kuala Lumpur
8. **Terence TYC**, Teh BP, Siti Habsah SZ, Siti Hajar MR, Puteri Sofia NMK, Karina K. The effects of palm oil (*Elaeis guineensis*) on human serum lipid profile, 1ST JKWPKL & Putrajaya Research Day & 1ST Hospital Rehabilitation Cheras Research Day 2017, 18 August 2017, Kuala Lumpur
9. **Terence TYC**. Systematic Review on Palm Oil and its Implication on Diet Related NCDs. Palm Oil Nutra-Cosmeceutical Conference 2017, 1 August 2017, Putrajaya.
10. Teh BP, Norman DD, Norliyana MY, Raja Nazatul Izni RSS, **Terence TYC**. Potential

Wound Healing Activity of *Euphorbia hirta* (Ara tanah) Plant: Fast Fact. 3<sup>rd</sup> HKL Research Day 2018, 30<sup>th</sup> August 2018, Kuala Lumpur

11. Siti Habsah SZ, **Terence TYC**, Ida FA, Siti Hajar MR, The BP, Ami Fazlin SM. *GlobinMed*: Manging a reliable evidence based health information. 3<sup>rd</sup> HKL Research Day 2018, 30<sup>th</sup> August 2018, Kuala Lumpur

## ACTIVITIES

### Institutional

1. Editor and Gatekeeper for Global Information Hub on Integrated Medicine (*GlobinMed*)
2. Secretariat for Global Information Hub on Integrated Medicine, (2009 – now).
3. Majlis Bersama Jabatan, (2016-now)

### Ministry of Health

4. Member of the Technical Committee, Global Information Hub on Integrated Medicine, 2009 – now.
5. Member of the Claim Requirement for Traditional Products & Supplements Committee, 20009 - 2010

### External: National

6. Member of the Malaysian National Medicines Policy (DUNAS), 2009
7. Secretariat and Member of the Technical Committee, Malaysian Herbal Monograph, 2011 – Now

### External: International

8. Scientific committee, ASEAN Taskforce on Traditional and Complementary Medicine, 2014 – 2016

## AWARDS RECEIVED

1. Award for Work Excellence (*Anugerah Perkhidmatan Cemerlang*) for Year 2012 from the Institute for Medical Research, Kuala Lumpur.
2. *Hadiah Latihan Persekutuan* from the Public Service Department. Scholarship for postgraduate (Masters) study in Pharmaceutical Analysis.
3. 3<sup>rd</sup> Prize Poster Presentation Award (Biomedical Category) for NIH Research Week

2016

4. 3<sup>rd</sup> Prize Poster Presentation Award (Research Category) for 3<sup>rd</sup> HKL Research Day  
2018