


CURRICULUM VITAE

A – PERSONNEL DETAILS				
Nama Penuh <i>Full Name</i>	Lee Yee Ying			
Jawatan Semasa <i>Current Position</i>	Lecturer			
Warganegara <i>Nationality</i>	Malaysian	Jantina <i>Gender</i>	Female	
Status Perkahwinan <i>Marital Status</i>	Single	Bangsa <i>Race</i>	Chinese	
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B – ACADEMIC/PROFESSIONAL QUALIFICATION			
INSTITUTION	NAME OF CERTIFICATE AND PROGRAMME	DATE OF CONFERRED	GRADE
Universiti Putra Malaysia (Postgraduate)	Doctor of Philosophy (Food Biotechnology) Thesis Title: Enzymatic Synthesis, Encapsulation and Anti-Obesity Effect of Palm- Based Medium-And Long-Chain Triacylglycerol Functional Oil	18 Aug 2016	3.942
Universiti Putra Malaysia (Tertiary)	Bachelor of Science (Biotechnology)	6 Oct 2010	3.75 (Honour First Class)

C – PUBLICATIONS			
NO.	TITLE	STATUS	YEAR
1	Noor Lida Habi Mt Dian, Miskandar Mat Shari, Chin-Ping Tan, Yee-Ying Lee , Oi-Ming Lai. Optimisation of Enzymatic Directed Interesterification of Palm Oil for High Yield of Triunsaturated Triacylglycerol using Response Surface Methodology. <i>Journal of Oil Palm Research</i> . IF: 0.177.	Accpeted	2018

2	Thomas Shean-Yaw Chong, Chiou-Moi Yeoh, Eng-Tong Phuah, Wai Lin Siew, Yee- Ying Lee , Teck-Kim Tang, Luqman Chuah Abdualh. Kinetic study of lipase-catalysed glycerolysis of palm olein using Lipozyme TLIM in solvent-free system. <i>Plos One</i> . 13 (2). e0192375. IF 2.086	Publish	2018
3	Joo-Shun Tan, Sahar Abbasiliasi, Saeid Kadkhodaei, Yew-Joon Tam, Teck Kim Tang, Yee-Ying Lee , Arbakariya Ariff. Microtiter Miniature Shaken Bioreactor System as a Scale-down Model for Process Development of Production of Therapeutic Alpha-interferon2b by Recombinant <i>Escherichia coli</i> . <i>BMC Microbiology</i> . 18 (1). IF: 2.990	Publish	2018
4	Kwai-Ling Yap, Choon-Min Lee, Yee-Lin Gan, Teck-Kim Tang, Yee-Ying Lee , Tuan-Poy Tee, Oi-Ming Lai. High Intrinsic Biosorption Efficiency of Cattle Manure on Cr (VI): A potential Low-cost Fiber-rich Biosorbent. <i>Pertanika Journal of Science and Technology</i> . 26 (1)	Publish	2018
5	Yee-Ying Lee , Teck-Kim Tang, Eng-Tong Phuah, Nur Azwani Abdul Karim, Noorjahan Banu Mohamed Alitheen, Chin-Ping Tan, Intan Shameha Abdul Razak, Oi-Ming Lai. Structural Difference of Palm-based Medium-and Long-Chain Triacylglycerol (MLCT) Further Reduces Body Fat Accumulation in DIO C57BL/6J Mice when Consumed in Low Fat Diet for a Mid-term Period. <i>Food Research International</i> . 103, 200-207. IF: 3.086	Publish	2018
6	Yee-Ying Lee , Teck-Kim Tang, Eng-Tong Phuah, Noorjahan Banu Mohamed Alitheen, Chin-Ping Tan, Oi-Ming Lai. New Functionalities of Maillard Reaction Products As Emulsifier and Encapsulating Agent and Its Processing Parameters: A Brief Review. <i>Journal of the Science of Food and Agriculture</i> . IF 2.0	Publish	2016
7	Eng-Tong Phuah, Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai, Thomas Shean Yaw Choong, Chin-Ping Tan, Wee-Nak Ng, Seong-Koon Lo. Modelling and Optimization of Lipase Catalysed- Partial Hydrolysis for Diacylglycerol production in Packed Bed Reactor. <i>International Journal of Food Engineering</i> . 12, 681-689. IF: 0.712	Publish	2016
8	Nur Azwani Karim, Ahmadilfitri Mohd Noor, Oi-Ming Lai, Yee-Ying Lee . Stability of silica-and enzyme-treated palm oil under deep-frying conditions. <i>Journal of Food Science</i> . 80, C2678-C2685. IF: 1.649	Publish	2015
9	Eng-Tong Phuah, Teck-Kim Tang, Yee-Ying Lee , Thomas Shean-Yaw Chong, Chin-Ping Tan, Oi-Ming Lai. Review on the current state of diacylglycerol production using enzymatic approach. <i>Food and Bioprocess Technology</i> . 8, 1169-1186. IF: 2.574	Publish	2015

10	Eng-Tong Phuah, Boon-Kee Beh, Shean-Ying Lim, Teck-Kim Tang, Yee-Ying Lee , Oi-Ming Lai. Rheological properties, textural properties, and storage stability of palm-kernel-based diacylglycerol-enriched mayonnaise. <i>European Journal of Lipid Science and Technology</i> . DOI 10.1002/ejlt.201400586 IF: 1.953	Publish	2015
11	Yee-Ying Lee , Teck-Kim Tang, Chin-Ping Tan, Eng-Tong Phuah, Nur Azwani Ab Karim, Noorjahan Banu Mohd Alitheen, Oi-Ming Lai. Entrapment of palm-based Medium and Long Chain Triacylglycerol via Maillard Reaction Products. <i>Food and Bioprocess Technology</i> . 8, 1571-1582. IF: 2.574	Publish	2015
12	Yee-Ying Lee , Teck-Kim Tang, Nur Azwani Ab Karim, Noorjahan Banu Mohd Alitheen, Oi-Ming Lai. Short term and dosage influence of palm-based medium-and long-chain triacylglycerols on body fat and blood parameters in C57BL/6J mice. <i>Food and Function</i> .5, 57-64. IF: 2.686	Publish	2014
13	Razam Abdul Latip, Yee-Ying Lee , Teck-Kim Tang, Eng-Tong Phuah, Chin-Ping Tan, Oi-Ming Lai. Physiochemical properties and crystallization behaviour of bakery shortening produced from stearin fraction of palm-based diacylglycerol blended with various vegetable oils. <i>Food Chemistry</i> . 141 (4), 3938-3946. IF: 4.232	Publish	2013
14	Razam Ab Latip, Yee-Ying Lee , Teck-Kim Tang, Eng-Tong Phuah, Choon-Min Lee, Chin-Ping Tan, Oi-Ming Lai. Palm-based diacylglycerol fat dry fractionation: effect of crystallization temperature, cooling rate and agitation speed on physical and chemical properties fractions. <i>Peer J</i> . DOI 10.7717/peerj.72. IF: 2.183	Publish	2013
15	Teck-Kim Tang, Boon-Kee Beh, Yee-Ying Lee , Noorjahan Banu Mohamed Alitheen, Seong-Koon Lo and Oi-Ming Lai. Suppression of Visceral Adipose Tissue by Palm Kernel and Soy-Canola Diacylglycerol in C57bL/6N mice. <i>European Journal of Lipid Science and Technology</i> .115, 1266- 1273. IF: 1.953	Publish	2013
16	Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai. Palm-based medium-and-long chain triacylglycerol (MLCT): Enzymatic production and optimization using response surface methodology. <i>Journal of Food Science and Technology</i> . 52, 685-696. IF: 1.241	Publish	2013
17	Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai. Health Benefits, Enzymatic Production, and Application of Medium-and Long-Chain Triacylglycerol (MLCT) in Food Industries: A Review. <i>Journal of Food Science</i> . 77(8), R137-R144. IF: 1.649	Publish	2012

D- PROCEEDINGS			
NO.	TITLE	STATUS	YEAR
1	YY Lee , TK Tang, CP Tan, ET Phuah, B Alitheen, OM Lai. Maillard Reaction Products as Encapsulating Agents for Palm-based Medium-and Long- Chain Triacylglycerol. AOCS America Oil Chemist Society, China, Poster Presentation	Publish	2017
2	NA Karim, AM Noor, OM Lai, YY Lee . Stability of silica-and enzyme-treated palm oil under deep-frying conditions. Oils and Fats International Conference, Malaysia, Poster Presentation	Publish	2016
3	YY Lee , TK Tang, CP Tan, ET Phuah, B Alitheen, OM Lai. Enzymatic Production and Microencapsulation of Palm-based Medium-and Long Chain Triacylglycerol. Asian Congress of Biotechnology, 2015, Malaysia, Poster Presentation.	Publish	2015
4	YY Lee , TK Tang, ET Phuah, NA Karim, B Alitheen, OM Lai. Palm-based Medium-and-Long-Chain Triacylglycerol (P-MLCT): Production <i>via</i> enzymatic interesterification and optimization using response surface methodology. UPM-Sejong University Biotechnology Joint Symposium, Malaysia, Poster Presentation.	Publish	2015
5	OM Lai, YY Lee , TK Tang, CP Tan, B Alitheen. Maillard Reaction Products as Encapsulating Agents for Functional Lipid Palm-based Medium-and Long-Chain Triacylglycerol. 106th America Oil Chemist Society, USA, Poster Presentation	Publish	2015
6	YY Lee , TK Tang, NA Karim, B Alitheen, OM Lai. Effect of Palm-based Medium-and Long Chain triacylglycerol on Body Fat and Blood Parameters in C57BL/6J mice. Oils and Fats International Conference, Malaysia, Poster Presentation.	Publish	2014

E- BOOK CHAPTER			
NO.	TITLE	STATUS	YEAR
1	OM Lai, ET Phuah, YY Lee , Y Basiron. Palm Oil. Bailey Fats and Oils.	Submitted	2018
2	Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai, Eng-Tong Phuah. Chapter 1: An Overview: Maillard reaction. Nova Science Publisher	Accepted	2018
3	Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai, Eng-Tong Phuah. Chapter 1: An Overview on Immobilization Techniques of Lipase. In Lipases: Structure, Functions and Role in Health and Disease. Nova Science Publisher.	Publish	2018

4	Eng-Tong Phuah, Yee-Ying Lee , Teck-Kim Tang, Oi-Ming Lai,. Chapter 2: Enthodelial Lipase: Structure, Functions and Role in Disease. In Lipases: Structure, Functions and Role in Health and Disease. Nova Science Publisher.	Publish	2018
5	Oi-Ming Lai, Yee-Ying Lee , Eng-Tong Phuah, Casimir Akoh. Lipase/Esterase: Properties and Industrial Applications. Reference Module in Food Science.	Publish	2018
6	JD Weete, OM Lai, CC Akoh, ET Phuah, YY Lee . Food Lipids: Chemistry, Nutrition and Biotechnology, Chapter 29: Microbial Lipase. 4 th edition.	Publish	2016

F-AWARDS

NO.	TITLE	STATUS	YEAR
1	Institute of Bioscience, Universiti Putra Malaysia Graduation Ceremony 2016	Best Award Doctor of Philosophy	2016
2	Institute of Food Technologist Developing Solution for Developing Countries Competition, New Orleans, USA	International Team First Runner Ups	2014
3	Asian Congress of Biotechnology, Kuala Lumpur, Malaysia	Best Oral Presenter	2015
4	Graduate Research Fund	Awarded	2011-2013
5	Dean's List	Awarded	2007