

CURRICULUM VITAE



A. BUTIR-BUTIR PERIBADI (*Personal Details*)

Nama Penuh (<i>Full Name</i>)	Lee Hai Yen		Gelaran (<i>Title</i>): Dr.
No. MyKad / No. Pasport (<i>Mykad No. / Passport No.</i>) 820618-10-5554	Warganegara (<i>Citizenship</i>) Malaysia	Bangsa (<i>Race</i>) Chinese	Jantina (<i>Gender</i>) Female
Jawatan (<i>Designation</i>)	Postdoctoral Researcher	Tarikh Lahir (<i>Date of Birth</i>)	18 June 1982

Alamat Semasa (<i>Current Address</i>)	Jabatan/Fakulti (<i>Department/Faculty</i>)	E-mel dan URL (<i>E-mail Address and URL</i>)
8, Jalan PJU 10/16, Sutera Damansara, 47830 Petaling Jaya, Selangor Darul Ehsan. Tel: -	Faculty of Food Science & Technology, Universiti Putra Malaysia (UPM), 43400 Serdang, Selangor Tel: 03-89468495 Fax: 03-89423552	E-mail: hylee@food.upm.edu.my leehaiyen@putra.upm.edu.my URL: H/P: 012-2625702

B. KELAYAKAN AKADEMIK (*Academic Qualification*)

Nama Sijil / Kelayakan (<i>Certificate / Qualification obtained</i>)	Nama Sekolah Institusi (<i>Name of School / Institution</i>)	Tahun (<i>Year obtained</i>)	Bidang pengkhususan (<i>Area of Specialization</i>)
PhD	Universiti Putra Malaysia	2012	Food Safety
MSc	Universiti Putra Malaysia	2009	Food Safety
BSc	Universiti Tunku Abdul Rahman	2006	Biotechnology
Diploma Sc.	Kolej Tunku Abdul Rahman	2004	Biology and Chemistry

C. KEMAHIRAN BAHASA (Language Proficiency)					
Bahasa / Language	Lemah <i>Poor (1)</i>	Sederhana <i>Moderate (2)</i>	Baik <i>Good (3)</i>	Amat Baik <i>Very good (4)</i>	Cemerlang <i>Excellent (5)</i>
English					√
Bahasa Melayu					√
Chinese			√		
Lain-lain (other): Hokkien			√		

D. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN (Scientific experience and Specialisation)				
Organization	Position	Start Date	End Date	Expertise
Universiti Putra Malaysia	Postdoctoral Researcher	1 August 2012	Current	Food safety, mycotoxin, virus and risk assessment
Universiti Industri Selangor	Research Assistant cum Lab Demonstrator	1 July 2008	31 October 2008	Food Safety & microbiological assessment

E. PEKERJAAN (Employment)				
Majikan / Employer	Jawatan / Designation	Jabatan / Department	Tarikh lantikan / Start Date	Tarikh tamat / Date Ended
Universiti Putra Malaysia	Postdoctoral Researcher	Department of Food Science, Faculty of Food Science and Technology	01 August 2012	Current
Universiti Industri Selangor (UNISEL)	Research Assistant	Faculty of Biotechnology	1 July 2008	31 October 2008
Universiti Putra Malaysia	Research Assistant	Department of Food Science, Faculty of Food Science and Technology	1 July 2006	30 November 2006

F. ANUGERAH DAN HADIAH (Honours and Awards)				
<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
<i>Academic Awards</i>	Hadiah Kecemerlangan Tesis PhD	Fakulti Bioteknologi dan Biosains Molekul	Fakulti	2013
	National Science Fellowship 2006	MOSTI	National	2006
	National Science Fellowship 2009	MOSTI	National	2009
	Dean's List	Universiti Tunku Abdul Rahman	University	2006
<i>Non-Academic Awards</i>	Farinazleen Mohamad Ghazali, Usha Menon Ragavan, Chai Lay Ching, Tunung Robin, Lee Hai Yen, Fatimah Abu Bakar, Pradeep Kumar Malakar and Son Radu (2006). "Identification and prevalence of <i>Campylobacter</i> species in broiler chickens from wet market and supermarket using a rapid method of MPN-PCR"..	Pameran Rekacipta, Penyelidikan & Inovasi UPM (PRPI 2006), UPM	Silver Medal	2006
	Son Radu, Chai Lay Ching, Tunung Robin, Usha Menon Ragavan, Lee Hai Yen, Fatimah Abu Bakar, Farinazleen Mohamad Ghazali and Kumar Malakar Pradeep (2006) "Rapid and Simple Method for Most Probable Number- Polymerase Chain Reaction (MPN-PCR) Quantification of Thermophilic <i>Campylobacter</i> Species in Raw Vegetables".	Pameran Rekacipta, Penyelidikan & Inovasi UPM (PRPI 2006), UPM	Silver medal	2006
	Lee Hai Yen, Chai Lay Ching, Tunung Robin, Farinazleen Mohd Ghazali and Son Radu. Application of MPN-PCR in Biosafety of <i>Bacillus cereus s.l.</i> in ready-to-eat cereals.	Pameran Rekacipta Penyelidikan dan Inovasi	Bronze medal	2009
	Son Radu, Tunung Robin, Chai Lay Ching, Usha Menon Ragavan, Lee Hai Yen, Fatimah Abu Bakar, Farinazleen Mohamad Ghazali and Kumar Malakar Pradeep (2006) "Incidence and Characterization of <i>Salmonella</i> Species in Street Food and Clinical Samples".	Pameran Rekacipta, Penyelidikan & Inovasi UPM (PRPI 2006), UPM	Silver medal	2006
<i>Awards of Merit</i>	Biosafety of <i>Listeria monocytogenes</i> and its biofilm in ready-to-eat cheese	Faculty of Biotechnology and Biomolecular Sciences	Best Thesis (PhD)	2013

G. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan) (List of publications – author (s), title, journal, volume, page and year published)

Journal	
	1. Tan, S.L., Lee, H. Y. Mahyudin, N. A. 2014. Antimicrobial resistance of <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> isolated from food handlers' hands. Accepted in Food Control. (ISI-Cited Publication)
	2. Rafidah, I., Lee, H. Y. , Mahyudin, N. A., Abu Bakar, F. 2014. Linearity study on detection and quantification limit for determination of avermectins using linear regression. Accepted in Journal of Food Drug Analysis.(ISI-Cited Publication)
	3. Lee, H. Y. , Chai, L. C., Nishibuchi, M., Son, R. 2014 Transfer of <i>L. monocytogenes</i> biofilm from abiotic surfaces under various pressure of weights. Accepted in Korean Journal of Food Science and Technology. (ISI-cited publication)
	4. Tan, S. L., Lee, H. Y. , Abu Bakar, F., Abdul Karim, M. S., Rukayadi, Y., and Mahyudin, N. A. 2013. Microbiological quality on food handlers' hand at primary schools in Hulu Langat district, Malaysia. Accepted in International Food Research Journal. 20(5): 2973-2977 (Scopus-cited)
	5. Elexson, N., L. Afsah-Hejri, Y. Rukayadi, P. Soopna, H. Y. Lee , T. C. Tuan Zainazor, M. Nor Ainy, Y. Nakaguchi, N. Mitsuaki and R. Son. 2013. Effect of detergent as antibacterial agents on biofilm of antibiotic-resistant <i>Vibrio parahaemolyticus</i> isolates.35: 378-385. (ISI-cited publications)
	6. Lee, H. Y. , Chai, L. C., Nishibuchi, M. and Son, R. 2013. Review on protocol development for detecton and identification of <i>Listeria monocytogenes</i> in foods. Accepted in Journal of Pure and Applied Microbiology. (ISI-cited publications)
	7. Tan, S. L., Lee, H. Y. , Abu Bakar, F., Abdul Karim, M., Mahyudin, N.A. 2013. Association of levels of hygienic practices and microbiological quality on food handlers hands in Hulu Langat district, Malaysia. Accepted in Journal of Pure and Applied Microbiology. (ISI-cited publications)
	8. Tan, S. L., Abu Bakar, F., Abdul Karim, M. S., Lee, H. Y. , and Mahyudin, N.A. 2013. Knowledge, attitude and practices on hand hygiene among food handlers at primary schools in Hulu Langat district Selangor (Malaysia). Accepted in Food Control. (ISI-cited publications)
	9. Lee H.Y. , Chai Lay Ching, Pui Chai Fung, Shuhaimi Mustafa, Cheah Yoke Kqueen, Mitsuaki Nishibuchi and Son Radu. 2013. Formation of biofilm by <i>Listeria monocytogenes</i> ATCC 19112 in different concentration of sodium chloride and temperatures. Accepted <i>Brazilian Journal of Microbiology. Volume 3.Ahead of Print (ISI-cited publications)</i>
	10. Lee, Hai Yen , Wan Nadirah binti Wan Chik, Fatimah Abu Bakar and Nor Ainy Mahyuddin. 2012. Sanitation Practices among food handlers in a military food service institution, Malaysia. Food and Nutrition Sciences. 3: 1561-1566
	11. Marian, M.N., Sharifah Aminah, S. M., Zuraini, M. I., Son, R., Maimunah, M., Lee, H. Y. , Wong, W. C., Elexson, N. 2012. MPN-PCR detection and antimicrobial resistance of <i>Listeria monocytogenes</i> isolated from raw and ready-to-eat foods in Malaysia. Food Control. 28 (2): 309-314 (ISI-cited publications)
	12. Lee H. Y. , Chai, L. C., Pui, C. F., Wong, W. C., Shuhaimi, M., Cheah, Y. K., Nishibuchi, M., and Son, R. 2011. Profiling the recovery efficiencies of temperature injured <i>Listeria monocytogenes</i> in three different standard protocols. Journal of Microbiology and Biotechnology. 21(9): 954-959 (ISI-cited publications)
	13. Pui, C. F., Wong, W. C., Chai, L. C., Lee, H. Y. , Tang, J. Y. H., Noorlis, A., Farinazleen, M. G., Cheah, Y. K. and Son, R., 2011. Biofilm formation by <i>Salmonella</i> Typhi and <i>Salmonella</i> Typhimurium on plastic cutting board and its transfer to dragon fruit. International Food Research Journal 18, 31-38
	14. Lee H. Y. , Chai, L.C., Pui, C. F., Wong, W. C., Shuhaimi M., Cheah, Y. K., Nishibuchi, M., and Son R. 2011. Using RAPD-PCR as molecular assessment on performance of CHROMAgar™ <i>Listeria</i> and PALCAM on isolation of <i>Listeria</i> spp. and <i>L. monocytogenes</i> from foods. International Food Research Journal. 1: 498-503
	15. Chai Fung Pui, Woan Chwen Wong, Lay Ching Chai, Hai Yen Lee , Ahmad Noorlis, Tuan Chiekh Tuan Zainazor, John Yew huat Tang, Farinazleen Mohamad Ghazali, Yoke Kqueen Cheah, Yoshitsugu Nakaguchi, Mitsuaki Nishibuchi and Son Radu. 2011. Multiplex PCR for the concurrent detection and differentiation of <i>Salmonella</i> spp., <i>Salmonella</i> Typhi and <i>Salmonella</i> Typhimurium. Tropical Medicine and Health. 39 (1): 9-15.
	16. Chai L. C., Ghazali, F. M., Bakar, F. A., Lee, H. Y. , Suhaimi, L. R. A., Talib, S. A., Nakaguchi, Y., Nishibuchi, M. and Son, R., 2009. Occurrence of Thermophilic <i>Campylobacter</i> spp. Contamination in Vegetable Farms in Malaysia. Journal of Microbiology and Biotechnology (ISI-cited publication)
	17. Lee, H. Y. , Chai, L. C., Tang, S. Y., Jinap, S., Mohamad Ghazali, F., Nakaguchi, Y., Nishibuchi, M. and Son, R. 2009. Application of MPN-PCR in biosafety of <i>Bacillus</i> spp. in ready-to-eat cereals. Food Control. 20: 1078-1071 (ISI-cited publications)
	18. Haryani, Y., Tunung, R., Chai, L. C., Lee, H. Y. , Tang, S. Y. and Son, R., 2008. Characterization of <i>Enterobacter cloacae</i> isolated from street foods. ASEAN Food Journal 15, 59-66.
	19. Chai L. C., Fatimah, A. B., Ghazali, F. M., Lee, H. Y. , Tunung, R., Shamsinar, A. T., Laila, R. A. S., Thahirahatul, A. Z., Malakar, P. M., Nakaguchi, Y., Nishibuchi, M. and Son, R., 2008. Biosafety of

	<p><i>Campylobacter jejuni</i> from raw vegetables consumed as ulam with reference to their resistance to antibiotics. International Food Research Journal 15, 125-134.</p> <p>20. Chai, L. C., Lee, H. Y., Ghazali, F. M., Bakar, F. A., Malakar, P. K., Nishibuchi, M., Nakaguchi, Y. and Son, R., 2008. Simulation of Cross-contamination and decontamination of <i>Campylobacter jejuni</i> during handling of contaminated raw vegetables in a domestic kitchen. Journal of Food Protection 71, 2384-2388. (ISI-cited publications)</p> <p>21. Tunung, R., Chai, L. C., Usha, M. R., Lee, H. Y., Fatimah, A. B., Farinazleen, M. G. and Son, R., 2007. Characterization of <i>Salmonella</i> enterica isolated from street food and clinical samples in Malaysia. ASEAN Food Journal , 14: 161-173.</p> <p>22. Wong, W. C., Pui, C. F., Chai, L. C., Lee, H. Y., Ghazali, F. M., Tang, J. Y. H., Ponniah, J., Tuan Zainazor, T. C., Cheah, Y. K. and Son, R. 2011. Biosafety assessment of <i>Listeria monocytogenes</i> in vegetarian burger patties in Malaysia. International Food Research Journal. 18: 459 – 463</p> <p>23. Chai, L.C., Fatimah, C. A., Norhisyam, M. S., Rozila, A., Nadzirah, A. S. and Natasha L. H. Y. 2009. Rapid isolation of genomic DNA from Asian green-lipped mussel (<i>Perna viridis</i>) for random amplified microsatellite polymorphism. International Food Research Journal. 16: 113-118.</p>
<p>Proceedings</p>	<ol style="list-style-type: none"> 1. Lee Hai Yen, Nor Ainy Mahyudin, Son Radu. 2013. Transfer rate of <i>Listeria monocytogenes</i> and its biofilm from stainless steel to plastic wrappers. ICMSM Langkawi 12-14 December 2013 2. Nor Ainy Mahyudin, Siew Lian Tan, Hai Yen Lee, Fatimah Abu Bakar, Mubammad Shabrim Abdul Karim. Antimicrobial resistance of <i>E. coli</i> and <i>Staphylococcus aureus</i> isolates from food handlers's hands. LAFP Taiwan, Taipei, Taiwan. 3. Lee Hai Yen. Biosafety assessment of <i>Listeria monocytogenes</i> in ready-to-eat cheeses. FOSREC Seminar: chemical and microbial contaminants in food current situation in malaysia and possible way to minimize their carcinogenicity. UPM, 30 October 2012 (Speaker) 4. Lee Hai Yen, Chai Lay Ching, Farinazleen M. Ghazali, Subaimi Mustafa, Son Radu. 2010. Exposure assessment of <i>Listeria monocytogenes</i> in cheeses from entry points to retail in Malaysia. International Conference for Food Research 2010. Kuala Lumpur. 22-24 November 2010 5. Lee Hai Yen, Chai Lay Ching, Farinazleen Mohamad Ghazali, Suhaimi Napis, Son Radu. The nonculturable <i>Listeria monocytogenes</i> in cheese during a surveillance in Malaysia. International Symposium of Forensic Science and Environmental Health 2009, Kuala Lumpur. 11-12 November 2009 6. Lee Hai Yen, Chai Lay Ching, Jinap Selamat, Farinazleen Mohd Ghazali and Son Radu. 2008 A preliminary risk assessment on biosafety of <i>B. Cereus</i> in ready-to-eat cereals using stepwise method. Seminar on Biotechnology (University Sains Islam Malaysia, Nilai) 25-26th November 2008. 7. Lee Hai Yen, Chai Lay Ching, Farinazleen M Ghazali and Son Radu. "Characterization of <i>B. cereus</i> isolated from RTE cereals using plasmid profiles, antibiotic resistances, toxin gene detection and RAPD fingerprinting". Australian Society for Microbiology 2009, Perth, Western Australia 8. Lee, H.Y., L.C. Chai, S.Y. Tang, R. Tunung, F.M. Ghazali and Son Radu. 2007. Prevalence of <i>Bacillus</i> spp. In commercial cereal food products sold in Malaysia. (Poster presentation) Asean Food Conference 2007 – Food For Mankind. 22nd-23rd August 2007 9. Lee, H.Y., Chai, L.C., Tunung, R., Usha, M.R., Ghazali, F.M., and Son, R. Enumeration of <i>Bacillus</i> spp. in commercial cereal food products sold in Malaysia using MPN-PCR method. (Oral presentation) 28th Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006 10. Lee, H. Y., Chai, L.C., Tunung, R., Usha, M. R., F. M. Ghazali and Son, R. Antibiotic resistance patterns of <i>Bacillus cereus</i> isolates from commercial cereal products. (Poster presentation) Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006 11. Chai, L. C., Tunung, R., Usha, M. R., Lee, H. Y., Bakar, F. A., Ghazali, F. M., Pradeep, K. M. and Son, R., 2006. 'Rapid quantification of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in raw salad vegetables (ulam) by using most probable number-polymerase chain reaction (MPN-PCR) technique'. Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006 12. Chai, L. C., Tunung, R., Usha, M. R., Lee, H. Y., Bakar, F. A., Ghazali, F. M., Pradeep, K. M. and Son, R., 2006. 'Antimicrobial resistance of <i>Campylobacter jejuni</i> isolated from raw salad vegetables in Malaysia'. Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006 Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006 13. Tunung, R., Chai, L. C., Lee, H. Y., Usha, M. R., Ghazali, F. M., Bakar, F. A., Pradeep, K. M. and Son, R., 2006. '<i>Salmonella</i> species in street food and clinical samples: Prevalence and characterization'. Symposium of the Malaysian Society for Microbiology – Harnessing microbes for the advancement of biotechnology. Renaissance Melaka Hotel, Melaka, Malaysia. 24th – 27th November 2006

	<ol style="list-style-type: none"> 14. Lee, H. Y., Haryani, Y., Noorzaleha, A. S., Fatimah, A. B., Farinazleen, M. G., Tunung, R., Chai, L. C., Usha, M. and Son, R. (2006). Molecular Characterization of <i>Klebsiella Pneumonia</i> from Street Foods Sold in Malaysia. (Poster presentation). 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 15. Usha, M., Chai, L. C., Tunung, R., Lee, H. Y., Fatimah, A. B., Farinazleen, M. G., Pradeep, K. M. and Son, R. (2006). Prevalence and Identification of <i>Campylobacter</i> spp. in Broiler Chickens from Wet Market. (Poster presentation). 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 16. Chai, L. C., Tunung, R., Usha, M., Lee, H. Y., Son, R., Fatimah, A. B., Farinazleen, M. G. and Pradeep, K. M. (2006). Isolation and Quantification of <i>Campylobacter</i> species in Raw Vegetables using Most Probable Number-Polymerase Chain Reaction (MPN-PCR). (Poster presentation). 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 17. Chai, L. C., Tunung, R., Usha, M., Lee, H. Y., Son, R., Fatimah, A. B., Farinazleen, M. G. and Pradeep, K. M., 2006. 'Isolation and Quantification of <i>Campylobacter</i> species in Raw Vegetables using Most Probable Number-Polymerase Chain Reaction (MPN-PCR)'. 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 18. Chai, L. C., Usha, M., Tunung, R., Lee, H. Y., Galanis, E., Lo, Fo Wong, D. M. A., Patrick M. E., Wegener, H. C., Son, R. and WHO-GSS Members, 2006. 'Characterizing the Worldwide Distribution of <i>Salmonella</i> Serotypes: The Role of WHO Global Salm-Surv'. 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 19. Usha, M., Chai, L. C., Tunung, R., Lee, H. Y., Fatimah, A. B., Farinazleen, M. G., Pradeep, K. M. and Son, R., 2006. 'Prevalence and Identification of <i>Campylobacter</i> spp. in Broiler Chickens from Wet Market'. 3rd Life Sciences Postgraduate Conference, Universiti Sains Malaysia, Penang. 24/5-27/5/06 20. Tunung, R., Chai, L. C., Usha, M. R., Lee, H. Y., Ghazali, F. M., Bakar, F. A., Pradeep, K. M. and Son, R., 2006. '<i>Salmonella</i> species in Street Foods: Incidence and Characterization'. Food Science and Technology Seminar – Bridging the world of entrepreneurship with food science and technology innovation, 2nd-3rd September, Kolej Universiti Sains dan Teknologi Malaysia (KUSTEM), Terengganu.
<p><i>Research Projects Involvements</i></p>	<ol style="list-style-type: none"> 1. Isolation and purification of actinomycetes from marine sediment (Postdoc Researcher)-on-going 2. Detection, isolation and characterization of aflatoxin producing fungi from Palm Kernel Cake (Co-Researcher)- on-going 3. Biosafety of <i>Listeria monocytogenes</i> in ready-to-eat cheese and its biofilm formation (PhD Thesis) 4. Biosafety of <i>Bacillus cereus s.l.</i> in ready-to-eat cereals (Master Thesis) 5. Isolation and characterization of <i>Vibrio parahaemolyticus</i> in cockles (<i>Anadara granosa</i>) 6. Extraction of bioactive compound from local herbs and spices for inhibition against <i>Staphylococcus aureus</i> 7. Knowledge, attitude and practices by food handlers in primary school in Hulu Langat, Selangor
<p><i>Students(Guidance)</i></p>	<p>PhD Students</p> <ol style="list-style-type: none"> 1. Norazatul Hanim bt Mohd Rozalli (Effect of microbial growth in peanut butter processing) 2. Ubong Anyi (Microbial safety of <i>Bacillus cereus</i> in milk products along the processing line) <p>Master Students</p> <ol style="list-style-type: none"> 1. Siti Mardhiyah Razali (Purification and characterization of toxin-producing fungi from PKC) 2. Mohd Hafiz bin Abdul Aris (Shelf-life and acceptability of Gulai Tempoyak Paste added with selected traditional leaves) 3. Nor Ifatul Hanim Mat Daud (Antibacterial activity of Marine-derived Fungi collected from Pulau Redang and Pulau Payar Marine Park, Malaysia) 4. Mohamad Aden Hersi (Determination of maximum population density of coliform bacteria, and <i>E. coli</i> in ready-to-eat foods) 5. Rafidah Ismail (Determination of avermectin in fish by dispersive solid phase extraction) <p>Final Year Students</p> <ol style="list-style-type: none"> 1. Chen Pei Ern 2. Letchumi Paneerselvam 3. Tan Wei Theng 4. Ng Chew Ting 5. Pang Siew Yin 6. Amar bin Saadin 7. Zarifah Zanon

H. PROJEK PENYELIDIKAN TERDAHULU (<i>Past Research Project</i>)					
<i>Project No.</i>	<i>Project Title</i>	<i>Role</i>	<i>Year</i>	<i>Source of fund</i>	<i>Status</i>
FRGS/1/2012/SG05/UPM/02/15524299	Induction of secondary metabolites biosynthesis from marine fungal isolates as potential quorum sensing inhibitors (QSI) by <i>Listeria monocytogenes</i>	Co-researcher	2012	FRGS	On-going
<i>Not available yet</i>	Shelf-life and acceptability of Gulai Tempoyak Paste added with selected traditional leaves	Co-researcher	2013	RUGS	On-going

I. MAKLUMAT TAMBAHAN (<i>Additional Information</i>)		
<i>H-index</i>	<i>Citation</i>	
5	66	
Year	Event	
2 – 3 December 2013	International Food Research Conference 2013	Organizing Committee (Finance)
21 -23 Oct 2013	Kursus Analisa Statistiks Kementerian Kesihatan Malaysia	Trainer
1-3 July 2013	Joint International Seminar USM-JSPS-NMNS: Integrative Use of Classical and Molecular Taxonomy on Marine Benthic Organisms – Part 2'	Participant
12-14 March 2013	Basic Hands-On Training: BIOLOG System (HIR Laboratory, Universiti Malaya)	Speaker/Trainer
28 Feb – 1 March 2013	Detection of Virus in Foods Workshop	Trainer/Instructor
21 – 23 February 2013	MPN-PCR-LAMP Plating for <i>Vibrio parahaemolyticus</i> Workshop	Trainer/Instructor
24 – 26 th March 2009	Bacterial Detection Technique Workshop on <i>Listeria monocytogenes</i> in Foods 2009	Trainer/Instructor
19-20 th March 2009	Biolog Omnilog GEN III Technology Workshop for Microbial Identification and Phenotype Microarray	Technical Committee
12-13 November 2009	Hands-on training on “Identification of pathogens using polymerase chain reaction (PCR) method” at Public Health Laboratory Johor Bahru, Ministry of Health.	Trainer/Instructor
12-13 May 2009	Training in Basic Food Microbiology I, II and III (by MERCK Sdn Bhd and CEFSR)	Trainer/Instructor
1-2 July 2009	Training in Basic Food Microbiology I, II and III (by MERCK Sdn Bhd and CEFSR)	Trainer/Instructor
18-19 November 2009	Training in Basic Food Microbiology I, II and III (by MERCK Sdn Bhd and CEFSR)	Trainer/Instructor
12-13 November 2008	Organizing Committee and Technical Committee “Microbiological Risk Assessment” Workshop 2008	Trainer/Instructor
23-24 August 2007	Organizing Committee and Technical Committee Microbiological Risk Assessment Workshop 2007	Trainer/Instructor