

CURRICULUM VITAE

A. PERSONAL DETAILS			
<i>Full Name</i>	FARIDAH ABAS		<i>Title: Associate Prof Dr</i>
<i>Mykad No. / Passport No.</i> 761221-01-6492	<i>Citizenship</i> Malaysia	<i>Race</i> Malay	<i>Gender</i> Female
<i>Designation</i>	Associate Professor	<i>Date of Birth</i>	21 Dec 1976

<i>Current Address</i>	<i>Department/Faculty</i>	<i>E-mail Address and URL</i>
No 7 Jalan P14C1/6 Presint 14 62050 Putrajaya Tel: 0193752092	Department of Food Science Faculty of Food Science and Technology UPM Tel: 0389468343 Fax:0389423552	E-mail: faridah_abas@upm.edu.my URL: H/P: 019-3752092

B. ACADEMIC QUALIFICATION

<i>Certificate / Qualification obtained</i>	<i>Name of School / Institution</i>	<i>(Year obtained)</i>	<i>Area of Specialization</i>
PhD	UPM	2005	Phytochemistry
BSc. Edu. (Hons)	UPM	1999	Biology/Chemistry

C. LANGUAGE PROFICIENCY

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

D. SCIENTIFIC EXPERIENCE AND SPECIALISATION

<i>Organization</i>	<i>Position</i>	<i>Start Date</i>	<i>End Date</i>	<i>Expertise</i>
University of Geneva, Switzerland	Research Attachment	29 June 2007	29 Sept 2007	Phytochemistry
Universiti Putra Malaysia	Post-Doctoral	Jun 2005	Dec 2005	Organic Synthesis

E. EMPLOYMENT

<i>Majikan / Employer</i>	<i>Jawatan / Designation</i>	<i>Jabatan / Department</i>	<i>Tarikh lantikan / Start Date</i>	<i>Tarikh tamat / Date Ended</i>
UPM	Postdoctoral Fellow	IBS	June 2005	Dec 2005
UPM	Lecturer	JSM, FSTM	Jan 2006	October 2009

UPM	Senior Lecturer	JSM, FSTM	October 2009	October 2011
UPM	Associate Professor	JSM, FSTM	October 2011	Now
UPM	Head of Department	JSM, FSTM	Jun 2010	February 2012
UPM	Deputy Dean	Academic and Student Affairs	February 2012	January 2013

F. HONOURS AND AWARDS

<i>Name of awards</i>	<i>Title</i>	<i>Award Authority</i>	<i>Award Type</i>	<i>Year</i>
Excellent Service Award	Excellent Service Award	Universiti Putra Malaysia	University	2008, 2009, 2010, 2011, 2012, 2013
Sponsorship Award	2nd Joint Symposium on Future Prospect of Pharmaceutical Sciences (Tokyo, Japan)	Hoshi University	International	29-31st October, 2009
Sponsorship Award	Research Attachment University of Geneva	MOSTI	National	Jun 2007-September 2007
International Inventions, Innovation, Industrial Design Technology Exhibition (ITEX), Kuala Lumpur	Silver Medal tHGA – A new potential leucotriene inhibitor from <i>Melicope ptelefolia</i>	Malaysian Invention and Design Society	International	2006
MOSTI-fellowship	Post-Doc Fellowship	MOSTI	University	2005
Excellent Malay Student	Undergraduate award	Faculty of Science and Environmental Studies	Faculty	1999

G. LIST OF PUBLICATIONS – AUTHOR (S), TITLE, JOURNAL, VOLUME, PAGE AND YEAR PUBLISHED)

1. Kalidas, N.R., Saminathan, M., Ismail, I.S., **Abas, F.**, Maity, P., Islam, S.S., Manshoor, N., Shaari, K. Structural characterization and evaluation of prebiotic activity of oil palm kernel cake mannanoligosaccharides (2017) Food Chemistry, 234, pp. 348-355.
2. Gholivand, S., Lasekan, O., Tan, C.P., **Abas, F.**, Wei, L.S. Comparative study of the antioxidant activities of some lipase-catalyzed alkyl dihydrocaffeates synthesized in ionic liquid (2017) Food Chemistry, 224, pp. 365-371.
3. Azam, A.A., Pariyani, R., Ismail, I.S., Ismail, A., Khatib, A., **Abas, F.**, Shaari, K. Urinary metabolomics study on the protective role of Orthosiphon stamineus in Streptozotocin induced diabetes mellitus in rats via 1H NMR spectroscopy (2017) BMC Complementary

- and Alternative Medicine, 17 (1), art. no. 278, .
4. Abdul Hamid, N.A., Mediani, A., Maulidiani, M., **Abas, F***, Park, Y.S., Leontowicz, H., Leontowicz, M., Namiesnik, J., Gorinstein, S. Characterization of metabolites in different kiwifruit varieties by NMR and fluorescence spectroscopy(2017) Journal of Pharmaceutical and Biomedical Analysis, 138, pp. 80-91
 5. Wong, Y.H., Muhamad, H., **Abas, F.**, Lai, O.M., Nyam, K.L., Tan, C.P. Effects of temperature and NaCl on the formation of 3-MCPD esters and glycidyl esters in refined, bleached and deodorized palm olein during deep-fat frying of potato chips (2017) Food Chemistry, 219, pp. 126-130.
 6. Goh, K.M., Lai, O.M., **Abas, F.**, Tan, C.P. Effects of sonication on the extraction of free-amino acids from moromi and application to the laboratory scale rapid fermentation of soy sauce (2017) Food Chemistry, 215, pp. 200-208.
 7. Awın, T., Mediani, A., Maulidiani, Shaari, K., Faudzi, S.M.M., Sukari, M.A.H., Lajis, N.H., **Abas, F***. Phytochemical profiles and biological activities of *Curcuma* species subjected to different drying methods and solvent systems: NMR-based metabolomics approach (2016) Industrial Crops and Products, 94, pp. 342-352.
 8. Abu Bakar Sajak, A., **Abas, F***, Ismail, A., Khatib, A. Effect of Different Drying Treatments and Solvent Ratios on Phytochemical Constituents of *Ipomoea aquatica* and Correlation with α -Glucosidase Inhibitory Activity (2016) International Journal of Food Properties, 19 (12), pp. 2817-2831.
 9. Lawal, U., Shaari, K., Ismail, I.S., Khatib, A., **Abas, F***. Antioxidant and α -glucosidase inhibitory activities of isolated compounds from *Ipomoea aquatica* (2016) Records of Natural Products, 10 (6), pp. 701-707.
 10. Mediani, A., **Abas, F***, Maulidiani, M., Khatib, A., Tan, C.P., Ismail, I.S., Shaari, K., Ismail, A., Lajis, N.H. Metabolic and biochemical changes in streptozotocin induced obese-diabetic rats treated with *Phyllanthus niruri* extract (2016) Journal of Pharmaceutical and Biomedical Analysis, 128, pp. 302-312.
 11. Tan, T.B., Yussof, N.S., **Abas, F.**, Mirhosseini, H., Nehdi, I.A., Tan, C.P. Stability evaluation of lutein nanodispersions prepared via solvent displacement method: The effect of emulsifiers with different stabilizing mechanisms (2016) Food Chemistry, 205, pp. 155-162.
 12. Zokti, J.A., Baharin, B.S., Mohammed, A.S., **Abas, F.** Green tea leaves extract: Microencapsulation, physicochemical and storage stability study (2016) Molecules, 21 (8), art. no. 940, .
 13. Akhtar, M.T., Sarib, M.S.B.M., Ismail, I.S., **Abas, F.**, Ismail, A., Lajis, N.H., Shaari, K. Anti-diabetic activity and metabolic changes induced by *Andrographis paniculata* plant extract in obese diabetic rats (2016) Molecules, 21 (8), art. no. 1026, .
 14. Lawal, U., Maulidiani, M., Shaari, K., Ismail, I.S., Khatib, A., **Abas, F***. Discrimination of *Ipomoea aquatica* cultivars and bioactivity correlations using NMR-based metabolomics approach (2016) Plant Biosystems, pp. 1-11. Article in Press.
 15. Karthivashan, G., Masarudin, M.J., Kura, A.U., **Abas, F.**, Fakurazi, S. Optimization, formulation, and characterization of multiflavonoids-loaded flavanosome by bulk or sequential technique (2016) International Journal of Nanomedicine, 11, pp. 3417-3434.
 16. Lee, S.Y., **Abas, F***, Khatib, A., Ismail, I.S., Shaari, K., Zawawi, N. Metabolite profiling of *Neptunia oleracea* and correlation with antioxidant and α -glucosidase inhibitory activities using ¹H NMR-based metabolomics (2016) Phytochemistry Letters, 16, pp. 23-33.
 17. Santhanam, R.K., Ahmad, S., **Abas, F.**, Ismail, I.S., Rukayadi, Y., Akhtar, M.T., Shaari, K.

- Bioactive constituents of *Zanthoxylum rhetsa* bark and its cytotoxic potential against B16-F10 melanoma cancer and normal human dermal fibroblast (HDF) cell lines (2016) *Molecules*, 21 (6), art. no. 652, . Cited
18. Muhammad, A.A., Arulsevan, P., Cheah, P.S., **Abas, F.**, Fakurazi, S. Evaluation of wound healing properties of bioactive aqueous fraction from *Moringa oleifera* Lam on experimentally induced diabetic animal model (2016) *Drug Design, Development and Therapy*, 10, pp. 1715-1730.
 19. Tan, T.B., Yussof, N.S., **Abas, F.**, Mirhosseini, H., Nehdi, I.A., Tan, C.P. Comparing the formation of lutein nanodispersion prepared by using solvent displacement method and high-pressure valve homogenization: Effects of formulation parameters (2016) *Journal of Food Engineering*, 177, pp. 65-71.
 20. Ado, M.A., **Abas, F***, Leong, S.W., Shaari, K., Ismail, I.S., Ghazali, H.M., Lajis, N.H. Chemical constituents and biological activities of *Callicarpa maingayi* leaves (2016) *South African Journal of Botany*, 104, pp. 98-104.
 21. Mohd Aluwi, M.F.F., Rullah, K., Yamin, B.M., Leong, S.W., Abdul Bahari, M.N., Lim, S.J., Mohd Faudzi, S.M., Jalil, J., **Abas, F***, Mohd Fauzi, N., Ismail, N.H., Jantan, I., Lam, K.W. Synthesis of unsymmetrical monocarbonyl curcumin analogues with potent inhibition on prostaglandin E2 production in LPS-induced murine and human macrophages cell lines (2016) *Bioorganic and Medicinal Chemistry Letters*, 26 (10), pp. 2531-2538.
 22. Tan, T.B., Chu, W.C., Yussof, N.S., **Abas, F.**, Mirhosseini, H., Cheah, Y.K., Nehdi, I.A., Tan, C.P. Physicochemical, morphological and cellular uptake properties of lutein nanodispersions prepared by using surfactants with different stabilizing mechanisms (2016) *Food and Function*, 7 (4), pp. 2043-2051.
 23. Maulidiani, **Abas, F.**, Khatib, A., Perumal, V., Suppaiah, V., Ismail, A., Hamid, M., Shaari, K., Lajis, N.H. Metabolic alteration in obese diabetes rats upon treatment with *Centella asiatica* extract (2016) *Journal of Ethnopharmacology*, 180, pp. 60-69.
 24. Ahmad, K.A., Mohammed, A.S., **Abas, F.** Chitosan nanoparticles as carriers for the delivery of FKAZ14 bacteriophage for oral biological control of colibacillosis in chickens (2016) *Molecules*, 21 (3), art. no. 256, .
 25. Tan, T.B., Yussof, N.S., **Abas, F.**, Mirhosseini, H., Nehdi, I.A., Tan, C.P. Forming a lutein nanodispersion via solvent displacement method: The effects of processing parameters and emulsifiers with different stabilizing mechanisms (2016) *Food Chemistry*, 194, art. no. 17992, pp. 416-423
 26. Leong, S.W., **Abas, F***, Lam, K.W., Shaari, K., Lajis, N.H. 2-Benzoyl-6-benzylidenecyclohexanone analogs as potent dual inhibitors of acetylcholinesterase and butyrylcholinesterase (2016) *Bioorganic and Medicinal Chemistry*, 24 (16), pp. 3742-3751.
 27. Shariffa, Y.N., Tan, T.B., **Abas, F.**, Mirhosseini, H., Nehdi, I.A., Tan, C.P. Producing a lycopene nanodispersion: The effects of emulsifiers (2016) *Food and Bioproducts Processing*, 98, pp. 210-216.
 28. Mediani, A., **Abas, F***, Khatib, A., Tan, C.P., Ismail, I.S., Shaari, K., Ismail, A., Lajis, N.H. Phytochemical and biological features of *Phyllanthus niruri* and *Phyllanthus urinaria* harvested at different growth stages revealed by 1H NMR-based metabolomics (2015) *Industrial Crops and Products*, 77, pp. 602-613.
 29. Khoo, L.W., Mediani, A., Zolkeflee, N.K.Z., Leong, S.W., Ismail, I.S., Khatib, A., Shaari, K., **Abas, F***. Phytochemical diversity of *Clinacanthus nutans* extracts and their bioactivity correlations elucidated by NMR based metabolomics (2015) *Phytochemistry Letters*, 14, pp. 123-133.

No of Publication = 157, h-Index = 19, Total Citation = 1510

AU-ID – (“Abas, F.” 6506864882)

H. PAST RESEARCH PROJECT

Project No.	Project Title	Role	Year	Source of fund	Status
02-10-10-967FR	NMR-based metabolomics biofluids (animal metabolic study) of standardized <i>Centella asiatica</i> extract in the detection of physiological changes in rats induced diabetes	Project leader	2010	MOHE	Completed
NH1014D067	The inhibitory activity of Clinacanthus nutans standardized ethanolic extract on IgE-mediated mast cell activation and anaphylactic reaction	Project leader	2015	MOA	Ongoing Dec 2016
01-01-14-1484-FR	Synthesis, alpha glucosidase inhibition activity and structure activity relationship of mono carbonyl analogues of curcumin	Project leader	2014	MOHE	Ongoing Dec 2016
06-01-04-SF0936	Isolation and identification of bioactive compounds from <i>Callicarpa pentandra</i> .	Project leader	2008	MOSTI	Completed
02-01-04-SF0389	Rapid Detection of New Antioxidant Constituents from <i>Persicaria tenella</i> by HPLC-DAD-MS analysis	Project leader	2006	MOSTI	Completed
01-01-07-149FR	Bioassay guided isolation of cholinesterase inhibitor from <i>Tarenna lancifolia</i>	Project leader	2006	MOHE	Completed
05-02-12-2139RU	NMR based metabolomics assessment of anti-diabetic effect of <i>Cymbopogon citratus</i> leaves on streptozotocin induced diabetic	Project leader	2012	UPM	Completed
NH0612D008	MS and NMR based metabolomics analysis of <i>Phyllanthus niruri</i> extract and biofluids for detection of biomarker in diabetic induced rats	Project leader	2012	MOA	Completed
5527056	Design, synthesis and biological evaluation of novel diarylpentanoids analogues as NO inhibitors and anti-inflammatory agents	Project leader (ERGS)	2011	MOHE	Completed
9301700	Design, synthesis and biological evaluation of novel diarylpentanoids analogues as new anti-inflammatory agents	Project leader (RUGS)	2011	UPM	Completed
05-02-11-1402RU	Phytochemical and Biological evaluation of <i>Callicarpa maingayi</i> leaves	Project leader (RUGS)	2011	UPM	Completed
9362200	Metabolomic approach to identifying bioactive compounds in <i>Ipomoea aquatica</i> extract and biofluids for detection of biomarker in obese-diabetic induced rat	Project leader (RUGS)	2012	UPM	Completed

I. POST GRADUATE AND UNDERGRADUATE SUPERVISION

Level	Role	Completed	On-going
Ph.D	Supervisor	5(2014, 2015, 2016)	5
	Co-Supervisor	27 (2006-2016)	24
MSc.	Supervisor	6 (2010, 2011, 2014, 2015, 2016)	4
	Co-Supervisor	20 (2006-2016)	10
Bsc.	Supervisor	35	5