

## CURRICULUM VITAE

<b>1. Name</b>	<b>: MOHAMAD TAUFIK HIDAYAT BIN BAHARULDIN</b>		
2. Department/ Unit	: DEPARTMENT OF HUMAN ANATOMY/ UNIT OF PHYSIOLOGY		
3. Faculty	: FACULTY OF MEDICINE AND HEALTH SCIENCES, UNIVERSITI PUTRA MALAYSIA, 43400, UPM SERDANG, SELANGOR, MALAYSIA		
4. Field of Specialisation	: NEUROENDOCRINOLOGY AND STRESS PHYSIOLOGY		
5. Staff No	: A2696	6. IC No:	740503-08-6285
7. Date of Birth	: 3 <sup>RD</sup> MAY 1974	8. Phone:	603-89472356
		Mobile No:	6013-6693757
9. Date of Appointment as Lecturer	: 9 <sup>th</sup> SEPTEMBER 2003	10. Date of Confirmation:	9 <sup>th</sup> SEPTEMBER 2004
11. Date of appointment to new post	: -		
12. Date of the last PTK	: MAY 2006		
13. Gred	: DS 52		
14. Salary	:	15. Date of salary increment:	JULY

### 16. EDUCATION AND ACADEMIC QUALIFICATION

University/College and date	Qualification	Grades obtained
<b>(1999- 2003)</b> Department of Physiology, Faculty of Medicine, Universiti Kebangsaan Malaysia.	PhD	Physiology (with course work in Physiology including Exercise Physiology, Stress Physiology)
<b>(1994/95- 1997/98)</b> Department of Biomedical Sciences, Faculty of Allied Health Sciences, Universiti Kebangsaan Malaysia.	B. Biomed Sc. (Hons)	Pharmacology & Toxicology <b>(Second Class)</b>
<b>(1992/93-1993/94)</b> Pusat Matrikulasi UKM	Matriculation	Pass
<b>(1990-1991)</b> Sekolah Sultan Mohamad Jlwa, Sg. Petani, Kedah	SPM	Grade 1: <b>16 Aggregates</b>
<b>(1987-1989)</b> Sekolah Menengah Dato' Haji Hussein, Selama, Perak	SRP	Grade A: <b>6 Aggregates</b>

## 17. RESEARCH STUDENT SUPERVISION

- Supervisor and co-supervisor to Masters students and research assistants
- Supervisor to final year project students –Biomedical undergraduates-2002/2003,2003/2004, 2004/2005 and 2005/2006

### Supervision of Post Graduate Students

Level of study	Name	Year	Research title
<b>MSc</b>			
1	^Suif bin Sainan	Completed	Evaluation of antinociceptive and anti-inflammatory properties of <i>Acanthopanax trifoliatum</i> in mice and rats
2	^Adilius Manual	Submitted/ Completed	The antinociceptive and anti-inflammatory effect of <i>Strobilanthes</i> spp in mice and rats
3	^Faizul Helmi Addnan	Submitted/ Completed	Effect of polyphenols extract prepared from Malaysian cocoa powder on hypercholesterolemic model of animal
4	^Enoch Kumar Perimal	Submitted/ Completed	The hypoglycaemic effect of <i>Oxalis barrelieri</i> and its effect on wound healing
5	*Farah Idayu binti Nasir	Semester 2	Possible antidepressant properties of Mitragynine, an alkaloid from <i>Mitragyna speciosa</i> Korth, in experimental models of depression
6	*Nurul Raudah	Semester 2	
8	^Shamima binti Abdul Rahman	Semester 2	Investigation of The Expression Opioid and Cannabinoid Receptor Proteins Following Combination Treatment of Mitragynine and Morphine.
7	*Evhy Apriyani	Semester 1	Therapeutic potentials of <i>Parkia speciosa</i> seed in ischemic stroke-induced rats.
<b>PhD</b>			
8	^Dr Che Norma binti Mat Taib	Hospital Universiti Sains Malaysia Kubang Kerian, Kelantan	Evaluation of c-FOS expression, dream gene & ultrastructural changes in the brain & spinal cord after thermal stimuli

\*Chairperson of Supervisory Committee

^Member of Supervisory Committee

### Supervision of Research Assistant

1.	Siti Raudah	June – Dec 2007	A study on cannabinoid receptor activation: a potential combination analgesic therapy
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**Supervision of undergraduate students**

Nama pelajar	Sesi	Research title/Thesis Produced	Status project/thesis
1. MIMI AZIRA BINTI ABDUL AZIZ 2. SOO POEY LING 3. NG KHIN SZEN 4. NOOR ELIANA BINTI ROZANI	2006/07	PREVALENCE OF RISK OF SLEEP APNEA AMONG UPM STAFF IN FACULTY OF MEDICINE AND HEALTH SCIENCES	-Completed
5. Hidatul Adawiyah binti Abd Rahman	2006/07	Therapeutic role for <i>Theobroma cacao</i> in depressive disorders on mice	-Completed
6. SABARIAH NOR BINTI ABD WAHAB	2006/07	THERAPEUTIC ROLE OF <i>Mitragyna speciosa</i> KORTHAL IN DEPRESSIVE DISORDERS MODEL IN RAT	-Completed
7. Norashikin bt Mokhtar	2005/06	Leg Amputation: The Animated Guidelines	-Completed
8. Noraida bt A. Ghani	2005/06	Leg Amputation: The Animated Guidelines	-Completed
9. Siek Ing Ing	2004/05	The Effect of <i>Tinospora Crispa</i> Aqueous Extract on Stress- Induced Hypotensive Rats	-Completed
10. Nurul Khalbi bt Ali	2004/05	Effect of <i>Ficus deltoidea</i> on cholesterol level and its antioxidant peoperties on lipid peroxidation in cholesterol-fed rats	-Completed
11. Mohd Faizal Ahmad 12. Mohd Shahril Jaapar 13. Nor Nazihah bt Mohd Hassan 14. Farhana bt Mohd Mohaidin	2004/05	A study of type 2 Diabetes mellitus patients with complications during their first attendance at diabetes resource centre, Hospital Putrajaya, June 2003- June 2004	-Completed
15. Teo Hui PIng	2004/05	EFFECT OF <i>Tinospora crispa</i> AQUEOUS EXTRACT ON LIVER ENZYME IN RATS FED WITH CHOLESTEROL DIET	- Completed
16. Norlilawati bt M Yusof	2004/05	The Effect of <i>Theobroma cacao</i> Extract on repetitive stress rats	-Completed
17. Enoch Kumar Perimal	2003/04	The hypoglycemic properties of <i>Oxalis barrelieri</i> (belimbing tanah) and its effect on wound healing	- Completed – Top 5 <u>Best Student Project BSc (Biomedical Sciences) 2003/2004</u>
18. Hemabarathy Bharatham	2003/04	Effect of Ascorbic Acid on Cholesterol Level and Its Antioxidant Properties on Lipid Peroxidation in Cholestrol Fed Rats	- Completed
19. Uma Nanthini Linggi Gaundar	2003/04	Effects of <i>Camellia Sinensis</i> (Green Tea) on Cholesterol and Fibrinogen level in Cholestrol Fed Rats	- Completed
20. Lavanya Selvaratnam	2003/04	Effect of Vitamin E Supplement on Oxidative Stress in Cholestrol-Fed Rats	- Completed
21. Thenmalar Vadiveloo	2003/04	Effects of <i>Azadirachta indica</i> (neem) on cholesterol and c-reactive protein level in cholesterol-fed rats	- Completed

## 7.0 RESEARCH CONDUCTED

- Writing of grant application and doing research activity and collaborative work
- Managing research, research assistant, progress report and milestone
- Writing research reports, progress milestone and financial reports

### Recent Project

#Investigation on the expression of opioid and cannabinoid receptor proteins following combination treatment of mitragynine and morphine	Ministry of Higher Education	103,000
*A study on Cannabinoid Receptor Activation: A potential combination of analgesic therapy	Malaysia Toray Science Foundation (MTSF)	25,000
*Possible antidepressant properties of mitragynine, an alkaloid from <i>Mitragyna speciosa</i> Korth, in experimental model of depression	Ministry of Higher Education	30,000
*The effect of <i>Channa striatus</i> on acute and chronic stress rats	RUGS	90,000

### Project completed

Title of research	Source of fund	Amount (RM)
* A Comparative Study of Mitragynine Extraction, It's Affinity & Physiological Effect on Opioid Receptor	IRPA (MOSTE)	PhD project
*A therapeutic role for <i>Mitragyna speciosa</i> Korthal in animal model of depressive disorders	UPM	10,000

\*Principal Investigator (PI)  
#Co Researcher

### Completed undergraduate projects

*1. Effects of <i>Azadirachta indica</i> (neem) on cholesterol and c-reactive protein level in cholesterol-fed rats	Faculty of Medicine and Health Sciences/ 2004	1,500
*2. Effect of Vitamin E Supplement on Oxidative Stress in Cholesterol-Fed Rats	Faculty of Medicine and Health Sciences/ 2004	1,500
*3. Effects of <i>Camellia Sinensis</i> (Green Tea) on Cholesterol and Fibrinogen level in Cholesterol Fed Rats	Faculty of Medicine and Health Sciences/ 2004	1,500
*4. Effect of Ascorbic Acid on Cholesterol Level and Its Antioxidant Properties on Lipid Peroxidation in Cholesterol Fed Rats	Faculty of Medicine and Health Sciences/ 2004	1,500
*5. The hypoglycemic properties of <i>Oxalis barteri</i> (belimbing tanah) and its effect on wound healing	Faculty of Medicine and Health Sciences/ 2004	1,500
*6. The Effect of <i>Theobroma cacao</i> Extract on repetitive stress rats	Faculty of Medicine and Health Sciences/ 2005	1,500
*7. EFFECT OF <i>Tinospora crista</i> AQUEOUS EXTRACT ON LIVER ENZYME IN RATS FED WITH CHOLESTEROL DIET	Faculty of Medicine and Health Sciences/ 2005	1,500
*8. A study of type 2 Diabetes mellitus patients with complications during their first attendance at diabetes resource centre, Hospital Putrajaya, June 2003- June 2004	Faculty of Medicine and Health Sciences/ 2005	1,500
*9. Effect of <i>Ficus deltoidea</i> on cholesterol level and its antioxidant properties on lipid peroxidation in cholesterol-fed rats	Faculty of Medicine and Health Sciences/ 2005	1,500
*10. The Effect of <i>Tinospora Crispa</i> Aqueous Extract on Stress- Induced Hypotensive Rats	Faculty of Medicine and Health Sciences/ 2005	1,500
#11. Leg Amputation: The Animated Guidelines	Faculty of Computer Science & Multimedia/ 2006	-
*12. THERAPEUTIC ROLE OF <i>Mitragyna speciosa</i> KORTHAL IN DEPRESSIVE DISORDERS MODEL IN RAT	Faculty of Medicine and Health Sciences/ 2007	1,500

*13. Therapeutic role for <i>Theobroma cacao</i> in depressive disorders on mice	Faculty of Medicine and Health Sciences/ 2007	1,500
#14. PREVALENCE OF RISK OF SLEEP APNEA AMONG UPM STAFF IN FACULTY OF MEDICINE AND HEALTH SCIENCES	Faculty of Medicine and Health Sciences/ 2007	-

\* Principal Investigator (PI)

# Co-investigatot

## 19. CONSULTATION ACTIVITY

1. Felda United Footbal Club (FUFC)

## 20. SCIENTIFIC PUBLICATIONS

### a. Publication in Journals

#### 2008

1. MS Nazrul Hakim, HS Chiong, LC Chong, **B Mohamad Taufik Hidayat**, M.S. Omar-Fauzee, Y Aminuddin (2008). Liposomal Drug Delivery System for Inflammation in Sports Injury.
2. M.R. Sulaiman, Z.A. Zakaria, I.A. Daud, F.N. Ng, M.T. Hidayat (2008). Antinociceptive and anti-inflammatory Activities of the aqueous extract of *Kaempferia galanga* leaves in animal models.
3. Zulkhairi A<sup>a\*</sup>, Zaiton Z<sup>b</sup>, Jamaluddin M<sup>c</sup>, Hasnah B<sup>a</sup>, **Mohd THB<sup>a</sup>**, Khairul O<sup>c</sup>, Zanariyah Alpha-lipoic acid Possess Lipid lowering and antioxidative properties in hypercholesterolemic-induced New Zealand White rabbit. *Biomed. Pharmacol* (2008). Accepted.
4. Zulkhairi A<sup>1\*</sup>, Zaiton Z<sup>2</sup>, Jamaluddin M<sup>3</sup>, Azrina A<sup>4</sup>, Hasnah B<sup>1</sup>, **Taufik Hidayat M<sup>1</sup>**, Moklas MAM<sup>1</sup>, Khairul O<sup>3</sup>, Zanariyah A<sup>2</sup>, Kamal MNH<sup>1</sup>. Lipid Lowering Effect of Antioxidant Alpha-Lipoic Acid in Experimental Atherosclerosis. *J. Clin. Biochem. Nutr.* 2008. Accepted.
5. Hasnah B, <sup>1</sup>Zulkhairi A, <sup>2</sup>Zamree MS, <sup>2</sup>Shahidan MA, <sup>1</sup>Nursakinah I, <sup>1</sup>Fauziah O, <sup>3</sup>Maznah I, <sup>1</sup>**Taufik Hidayat M** & <sup>1</sup>Moklas MA. Potential of *Tinospora crispera* as a Hypocholesterolemic Agent in Rabbits. *Malaysian Journal of Medical Health MA. Potential of Tinospora crispera as a Hypocholesterolemic Agent in Rabbits. Malaysian Journal of Medical Health Sciences*, 2008. Submitted.

#### 2007

6. Fakurazi S, Hairuszah I, Jabit L, Mohanambal M, Uma NLG, Zulkhairi A, **Taufik Hidayat B**, Tahirah G (2007) An in vivo study: The reduction of fatty liver formation following zerumbone pretreatment. *J of Ethnopharmacology*. Under reviewed.
7. Fakurazi S, Mohanambal M, Hairuszah I, Uma NLG, Rosmawati MS, **Taufik Hidayat B** (2007). Comparison of the hepatic effect following diclofenac and ibuprofen. *J Pharmacy and Pharmacology*. Under reviewed.
8. **Taufik Hidayat M.**, Hidatul A.A.R, Abd. Manan M.J, Amin I., Abbey M, Aziz D, Sabariah N.A.W, Zulkhairi A., Hasnah B., Sarina A. and Sharida F (2007). THERAPEUTIC ROLE OF *THEOBROMA CACAO* IN DEPRESSIVE DISORDERS MODEL ON MICE. *The Malaysian Journal of Medical Sciences*, Vol 14(S1): 106.
9. Hasnah B., Zulkhairi A., Fauziah O, Maznah I, **Taufik HM**, Zamree MS & Shahidan MA. Anti-atherogenic and antioxidant potency of *Tinospora crispera* in rabbits fed with high fat diet (2007). *The Malaysian Journal of Medical Sciences*, Vol 14(S1): 101.
10. Che Norma MT, Zalina I, & **Taufik Hidayat M** (2007). Mapping patterns of Fos expression in the spinal cord after acute heat shock. *The Malaysian Journal of Medical Sciences*, Vol 14(S1): 142.

11. Amom ZH, Noor HM, Ling L, **Hidayat MT**, & Bahari H. (2007). Effects of *Anacardium occidentale* Linn. Leaves extract in diabetic rats. *The Malaysian Journal of Medical Sciences*, Vol 14(S1): 153.

## 2006

12. Zuraini A, Vadiveloo T, **Taufik Hidayat M**, Arifah A K, Sulaiman M R and. Somchit M. N. Effects of Neem (*Azadirachta indica*) leaf extracts on lipid and C-reactive protein concentrations in cholesterol-fed rats. *J Natural Remedies* 2006. Vol.6/2: 109-114.
13. Fakurazi S, Hairuszah I, Zulkhairi A, **Taufik Hidayat B**, Mohanambal M (2006) Low Doses of Diclofenac induces Hepatocellular Changes in Rats, Treated in vivo, *Acta Pharmacologica Sinica*, Suppl 1, 357.
14. Zulkhairi A, Zaiton Z, Jamaludin M, Sharida F, **Taufik Hidayat B**, Hasnah B, Nazmi M, Khairul O, Zanariyah A (2006) Alpha Lipoic Acid possess dual antioxidant and lipid lowering properties in atherosclerotic induced New Zealand White rabbit, *J Biomedicine and Pharmacotherapy*, accepted.

## b. Publication in Proceedings

### i) International Proceedings

## 2007

1. F Sharida, I Hairuszah, Mohd Lip J, M Mohanambal, NGL Uma, MHB **Taufik**, A Zulkhairi, G Tahirah, MS Rosmawati (2007) *In vivo* study: Reduction in fatty liver formation following zerumbone pre treatment. Biology, Chemistry, Pharmacology and Clinical Studies of Asian Plants, Surabaya, Indonesia
2. Sharida F, Mohanambal M, Uma NGL, **Taufik MHB**, Zulkhairi A, Hairuszah I (2007) Morphological alterations of mitochondria following diclofenac administration to rats. 19<sup>th</sup> FAOBMB Seoul Conference, Science and Technology for the integration of life.
3. F Sharida, I Hairuszah, M Mohanambal, NGL Uma, MHB **Taufik**, A Zulkhairi (2007) Compare and contrast the effect of diclofenac and ibuprofen on liver mitochondria. 6<sup>th</sup> World Congress on the Alternatives and Animal Use in Life Sciences, Tokyo, Japan..
4. Uma NLG, Fakurazi S, Hairuszah I, Mohanambal M, **Taufik MHB**, Zulkhairi A, Sukardi S, Ganabadi S, Bahaman AS (2007) Hepatoprotective action of *Moringa oleifera* Lam. 55<sup>th</sup> International Congress and Annual Meeting of the Society for Medicinal Plant Research. Graz, Austria.
5. Sharida F, Hairuszah I, Mohd Lip J, Mohanambal M, Uma NGL, **Taufik MHB**, Zulkhairi A, Tahirah G, Rosmawati MS (2007) Hepatoprotection Of Zerumbone Against Ethanol Induced liver Injury; proceedings For Malaysia, Indonesia And Brunei Darussalam Medical Science Conference 2007.
6. *Tinospora crispa* as a potential hypocholesterolemic agent in rabbits fed with high fat diet. Hasnah B., Zulkhairi A., Fauziah O., Maznah I., **Taufik Hidayat M.**, Zamree M.S. and Shahidan M.A. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 76.
7. Effects of Malaysian germinated brown rice on atherosclerosis in cholesterol-fed rabbit. Khairul Kamilah A.K., Zulkhairi A., Azrina A., Norhaizan M.E., Maznah I., Hasnah B., **Taufik Hidayat M.**, Moklas M.A.M., Khairunnuor F.A., Fazali F. and Farah I.N. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 94.
8. Dissociative effect of a selective kappa-opioid receptor agonist U-50,488H on withdrawal syndrome in the morphine-induced dependence. Evhy A., Junaidi K., **Taufik Hidayat M.**, Zulkhairi A. and Hasnah B. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 190.
9. Nutritional composition and in vitro antioxidant activity of seed and pulp of *Tamarindus indica* L. extract. Khairunnuor F.A., Zulkhairi A., Hasnah B., Khairul Kamilah A.K., **Taufik Hidayat M.**, Moklas M.A.M., Fazali

- F. and Farah I.N. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 197.
10. The effect of *Tinospora crisa* aqueous extract intake on repetitive stress rats., Farah Idayu N., **Taufik Hidayat M.**, Siek Ing Ing, Zulkhairi A., Hasnah B., Sharida F., Che Norma M.T., Moklas M.A.M. and Khairul Kamilah A.K. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 198.
  11. Therapeutic role of *Theobroma cacao* and *Mitragyna speciosa* in depressive disorders model on mice. **Taufik Hidayat M.**, Farah Idayu N., Hidatul A.A.R., Sabariah N.A.W., Abd Manan M.J, Amin I., Abbey M., Zulkhairi A., Hasnah B., Sharida F., Jabit M.L. and Khairul Kamilah A.K. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 201.
  12. The effects of *Citrus mitis* aqueous extract on rats fed with high cholesterol diet. Zulkhairi A., Izar W.R.W., Hasnah B., **Taufik Hidayat M.**, Moklas M.A.M., Evhy A., Khairul Kamilah A.K., Farah I.N., Khairunnuur F.A., and Fazali F. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 208.
  13. Evaluation of the antioxidant activities and cytotoxic of *Anacardium occidentale* Linn. (leaf aqueous extract) and its potential effects in diabetic rats. Fazali F., Zulkhairi A., Hasnah B., Khairul Kamilah A.K., **Taufik Hidayat M.**, Moklas M.A.M., Khairunnuur F.A., and Farah I.N. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 229.
  14. Effect of delta-9-tetrahydrocannabinol on conditioned place preference and brain regional monoamine levels in the rats. Moklas MAM, Zulkhairi A, **Taufik Hidayat M**, Khairunnuur FA, Hasnah B, Khairul-Kamilah AK, Fazali F, Farah IN. 3<sup>rd</sup> Global Summit on Medicinal Plants and Aromatic Plants (GOSMAP-3), 21-24 Nov 2007, Chiang Mai, Thailand. pg: 265.
  15. Groups that did not show correlation between testicular 11 $\beta$ -hydroxysteroid dehydrogenase oxidative activity and plasma testosterone levels in rats. Hamid AR, Nwe KHH, **Taufik Hidayat M**, Morat PB & Khalid BAK. 14<sup>th</sup> Congress of the ASEAN Federation of Endocrine Societies. Volume 24 (S1/2007). Pg 120.
- 2006**
6. **Taufik Hidayat M**, Norlilawati MY, Che Norma M, Amin I, Zulkhairi A, Sharida F. The effect of *Theobroma cacao* extract on repetitive stress rats. 6<sup>th</sup> COSTAM/SFFR (ASEAN/ MALAYSIA) International Workshop 2006, Kuching, Malaysia. Pg 110.
  7. Hasnah B, Zulkhairi A, Fauziah O, Maznah I, **Taufik HM**, Sharida F, Zamree MS, Shahidan MA, Effects of *Tinospora crisa* on lipid profiles and atheromatous plaque formation in rabbits fed with high fat diet. 6<sup>th</sup> COSTAM/SFFR (ASEAN/ MALAYSIA) International Workshop 2006, Kuching, Malaysia. Pg 91
  8. Zulkhairi A, Nadia Diana MN, Nazmi M, **Hidayat MT**, Abdah MA, Daud AA, Sharida F, Zamree MS, Shahidan MA. The effect of *Tinospora crisa* on lipid profiles and peroxidation index on rabbit induced hypercholesterolemia. 6<sup>th</sup> COSTAM/SFFR (ASEAN/ MALAYSIA) International Workshop 2006, Kuching, Malaysia. Pg 103
  9. Hasnah B, Zulkhairi A, Fauziah O, Maznah I, **Taufik HM**, Nursakinah I, Sharida F, Zamree MS, Shahidan MA, Effects of *Tinospora crisa* on hepatotoxic effects and atherosclerotic plaque formation in rabbits fed with high fat diet. 6<sup>th</sup> COSTAM/SFFR (ASEAN/ MALAYSIA) International Workshop 2006, Kuching, Malaysia. Pg 110
  10. Fakurazi S, Ithnin H, Amom Z, **Baharuddin TH**, Moorthy MM and Win ML. Low doses of diclofenac induces hepatocellular in rat treated in vivo. XV<sup>th</sup> World Congress of Pharmacology, Beijing, China. 2006.
  11. Faizul H A, Amin I, Muskinah M S, Zulkhairi A and **Taufik HM**. Polyphenol-rich extract prepared from Malaysian cocoa powder prevents aortic atherosclerosis in hypercholesterolemic New Zealand white rabbits. 6<sup>th</sup> COSTAM/SFFR (ASEAN/ MALAYSIA) International Workshop 2006, Kuching Malaysia. pg 137.

**2005**

12. Enoch Kumar Perimal, Mohd Roslan Sulaiman, Mohd Nazrul Hakim Mohamad, **Taufik Hidayat M**, Daud Israf Ali, Mohd. Zuki Abu Bakar. The hypoglycaemic properties of Oxali barrelieri.. ICMPS 2005. pg 32.

## ii) National Proceedings

### 2007

13. Hasnah B, Zulkhairi A, Fauziah O, Maznah I, **Taufik HM**, Zamree MS & Shahidan MA. 2007. Antiatherogenic and antioxidants potency of *Tinospora crispera* in cholesterol fed rabbits. 9<sup>th</sup> Symposium of Malaysian Applied Biology. pg. P-110.
14. **M. Taufik Hidayat**, HP Teo, A Zulkhairi, A Abdah, B Hasnah, A Sarina and F Sharida. 2007. Effect of *Tinospora crispera* aqueous extract on liver enzyme in rats fed with cholesterol diet. 9<sup>th</sup> Symposium of Malaysian Applied Biology. pg. P-109.
15. ZH Amom, HM Noor, L Ling, MT Hidayat & H Bahari. Effect of *Anacardium occidentale* Linn. Leaves on serum glucose level of type 2 diabetic rats. 9<sup>th</sup> Symposium of Malaysian Applied Biology. pg. P-107.

### 2006

16. Moorthy M, Fakurazi S, **Taufik Hidayat B**, Zulkhairi A, Fauziah O, Hairuszah I (2006) Morphological Alterations in mitochondria following diclofenac and ibuprofen administrations in rats, Proceedings of 21<sup>st</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP)
17. **Taufik Hidayat B**, Zulkhairi Amom, Sharida Fakurazi, Nurul Khalbi Ali, Hasnah Bahari Effects of *Ficus deltoidea* on cholesterol level and its antioxidant properties on lipid peroxidation in cholesterol fed rats: Proceedings for Pameran Rekacipta dan Penyelidikan, Fakulti Perubatan dan Sains Kesihatan, UPM, 2006
18. Zulkhairi Amom, Hasnah Bahari, Fauziah Othman, Maznah Ismail, **Taufik Hidayat** Baharuldin, Sharida Fakurazi, Zamree, Shahidan Effects of *Tinospora crispera* extract on antioxidant status and atherosclerotic plaque formation in rabbits fed with high fat diet. Proceedings for Pameran Rekacipta dan Penyelidikan, Fakulti Perubatan dan Sains Kesihatan, UPM, 2006
19. Hasnah B, Zulkhairi A, **Taufik HM**, Zamree and Shahidan MA. Effects of *Tinospora crispera* on lipid profiles and atheromatous plaque formation in rabbits fed with high fat diet. 21<sup>st</sup> Scientific Meeting of the MSPP 2006. pg 36.
20. Zulkhairi A, **Hidayat MT**, Fong WM, Hasnah B, Muna MM, Nazmi MH, Zamree MS, Shahidan MA. The effect of *Tinospora crispera* extract on the development of experimental atherosclerosis. 21<sup>st</sup> Scientific Meeting of the MSPP 2006. pg 67.
21. M Adilius, M R Sulaiman, M N Somchit, M Ismail, **M T Hidayat**. Evaluation of antinociceptive activities of *Strobilanthes crispus* ethanolic extract in mice. 21<sup>st</sup> Scientific Meeting of the MSPP 2006. pg 77.
22. Enoch Kumar Peimal, Mohd Roslan Sulaiman, Mohd Nazrul Hakim, **Mohamad Taufik Hidayat**, Mohd Zaki Abu Bakar. Hypoglycemic and anti-diabetic effects of aqueous and ethanol extract of *Oxalis barrelieri* in streptozotocin-induced diabetic rat models. 21<sup>st</sup> Scientific Meeting of the MSPP 2006. pg 82.

### 2005

23. Zulkhairi A, Hasnah B., **Taufik Hidayat M** and Ling L.. Antioxidant activities of aqueous extract of *Tinospora crispera*. Seminar on Medicinal and Aromatic Plants. 13-14<sup>th</sup> September Cititel Mid Valley, Kuala Lumpur 2005. Organized by FRIM.
24. **Taufik Hidayat M**, Nurul Khalbi A. & Zulkhairi A. Effect of *Ficus deltoidea* on cholesterol level and its antioxidant properties on lipid peroxidation in cholesterol-fed rats. Seminar on Medicinal and Aromatic Plants. 13-14<sup>th</sup> September Cititel Mid Valley, Kuala Lumpur 2005. Organized by FRIM

### 2004

25. Sulaiman M.R., Somchit M.N., Israf D.A. , Moin S., Amom Z. & **Taufik Hidayat M.** Antinociceptive effect of the aqueous extract of *Zingiber zerumbet* in mice. 20<sup>th</sup> Annual Seminar of the Malaysian Natural Products Society. 29-30<sup>th</sup> November 2004. Hilton Kuching, Kuching, Sarawak. pg. 79. Organized by UNIMAS
26. Zulkhairi A., Izar W.R.W., Sulaiman M.R. & **Taufik Hidayat M.** Effects of *Citrus Mitis* (limau kasturi) extract on lipid profile and lipid peroxidation index rat fed with high cholesterol diet. 20<sup>th</sup> Annual Seminar of the Malaysian Natural Products Society. 29-30<sup>th</sup> November 2004. Hilton Kuching, Kuching, Sarawak. pg. 65-66. Organized by UNIMAS
27. **Taufik Hidayat M.**, Nabishah B.M., Sulaiman M.R., Aminudin A.H.K, Ilham A. & Zulkhairi A. Mitragynine: Alternative to Opioid? 20<sup>th</sup> Annual Seminar of the Malaysian Natural Products Society. 29-30<sup>th</sup> November 2004. Hilton Kuching, Kuching, Sarawak. pg. 37-38. Organized by UNIMAS – oral presenter.
28. **Taufik Hidayat M.**, Thenmalar V., Zuraini A., Sulaiman MR . 2004. Effects of *Azadirachta indica* (Neem) on Cholesterol and C-reactive protein level in cholesterol-fed rats. Seminar Tumbuhan Ubatan dan Beraroma – “Trend dan Perspektif Terkini”. 20-21 Julai 2004. Institut Penyelidikan Perubatan Malaysia (FRIM)

#### 2002

29. **Taufik Hidayat, M.**, Nabishah, B.M., Isa W & Khalid BAK. 2002. Kesan Mitragynine terhadap tekanan darah dan kadar denyutan jantung tikus semasa stres akut. Prosiding Simposium Biologi Kebangsaan Ke-6 18-19 Oktober , UKM Bangi.
30. Sarjit S, **Taufik Hidayat, M.**, Nabishah, B.M., Paden Morat, & Isa W,. 2002. Kesan *Mitragyna speciosa* Korth terhadap berat badan, tekanan darah dan kontraktiliti ileum. Prosiding Simposium Biologi Kebangsaan Ke-6 18-19 Oktober , UKM Bangi.
31. **Taufik Hidayat, M.**, Nabishah, B.M., Zanariyah, A. & Fadzilah, S. 2002. Determination of mitragynine bound opioid receptor. *27<sup>th</sup> Annual Conference of Malaysian Soc. Biochem. Mol. Biol.* hlm. 112

#### 2001

32. **Taufik Hidayat, M.**, Nabishah, B.M. & Mohd Ilham Adenan. 2001. Detection of mitragynine in various extracts of *Mitragyna speciosa* Korth by high performance liquid chromatography. *26<sup>th</sup> Annual Conference of Malaysian Soc. Biochem. Mol. Biol.* hlm. 26. Oral presenter.

#### 2000

33. **Taufik Hidayat M**, Nabishah M. Paden M, Isa Wasiman M and Khalid BAK. Kesan Mitraginin terhadap tekanan darah dan kadar denyutan jantung tikus semasa stress akut. *Proceed. of 6<sup>th</sup> National Biology Symposium* Bangi. Oct. 2000.
34. Sarjit S, **Taufik Hidayat M**, Nabishah M. Paden M, Isa Wasiman M and Khalid BAK. Kesan *Mitragyna speciosa* terhadap tekanan darah dan pengecutan-pengenduran ileum tikus. *Proceed. of 6<sup>th</sup> National Biology Symposium* Bangi. Oct. 2000.

#### iii) Teaching Materials Publication

1. Pakej PBL bertajuk ‘Cushing’s Syndrome’ untuk Tahun 2 Program Perubatan 2006/07.
2. Pakej PBL bertajuk ‘PBL Remedial Package using Peptic Ulcer case’ untuk kursus PTK 3 2006.

#### iv) Newspaper Publication

1. **Taufik Hidayat M.** Ketum alternatif ubat penenang dan rawatan ketagihan. *Ruangan Sains, Utusan Malaysia* 4 Dis 2004. m/s 7.

**21. RECOGNITION FROM INTERNATIONAL, NATIONAL AND UNIVERSITY LEVEL**

AWARDS/LETTERS OF APPRECIATION

Type of Award/letter	Year	Awarded by
<b>EXCELLENCE SERVICE AWARD</b>		
Anugerah Perkhidmatan Cemerlang	2006	Universiti Putra Malaysia
<b>AWARD IN RESEARCH AND INNOVATION EXHIBITION</b>		
1. <u>Bronze Medal</u> – Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2006. Effects of <i>Tinospora crisa</i> extract on antioxidant status and atherosclerotic plaque formation in rabbits fed with high fat diet. Zulkhairi Amom, Hasnah Bahari, Fauziah Othman, Maznah Ismail, <b>Taufik Hidayat M</b> , Sharida Fakurazi, Zamree Md Shah and Mohd Shahidan Mohd Arshad.	2006	Universiti Putra Malaysia
2. <u>Bronze Medal</u> - Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2006. Effects of <i>Ficus deltiodea</i> on cholesterol level and its antioxidant properties on lipid peroxidation in cholesterol fed rats. <b>Taufik Hidayat M</b> , Zulkhairi Amom, Sharida Fakurazi, Nurul Khalbi Ali and Hasnah Bahari.	2006	Universiti Putra Malaysia
3. <u>Silver Medal</u> – Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2006. Effects of <i>Tinospora crisa</i> extract on lipid peroxidation and atherosclerotic plaque formation in chick fed with polyunsaturated fat diet. Zulkhairi Amom, Loh Lee Lin, Tan Ting Ting, Hasnah Bahari, <b>Taufik Hidayat M</b> , Zamree Md Shah and Mohd Shahidan Mohd Arshad.	2006	Universiti Putra Malaysia
4. <u>Bronze Medal</u> - Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2005. An in vitro study on the effects of <i>Nigella sativa</i> in Alzheimer's diseases Induced cell line. Latiffah AL, Maznah I, Nasaruddin A A, <b>Taufik Hidayat M</b> , Sulaiman MR, Parichehr H and Norsharina Ismail.	2005	Universiti Putra Malaysia
5. <u>Silver Medal</u> – Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2005. Effects of Citrus mitis (limau kasturi) extract on lipid profile and lipid peroxidation index in rats fed with high fat diet. Zulkhairi A, Wan Izzar Haizan WR, <b>Taufik Hidayat M</b> , Sulaiman MR and Hasnah Bahari	2005	Universiti Putra Malaysia
6. <u>Gold Medal</u> – Pameran Reka Cipta, Penyelidikan & Inovasi UPM 2005. Polyphenol rich extracts of Malaysian cocoa products. Amin I, Ruzaidi Azli, Azizah Othman. Faizul Helmi, Nawalyah Abd Ghani, Asmah Rahmat, Mujahir Hamid, Zulkhairi Amom, <b>Taufik Hidayat M</b> and Mohd Ilham Adenan	2005	Universiti Putra Malaysia

7. Gold Medal – 16<sup>th</sup> International Innovation, Invention, Industrial Design and Technology Exhibition 2005 Kuala Lumpur. Polyphenol rich extracts of Malaysian cocoa products. Amin I, Ruzaidi Azli, Azizah Othman. Faizul Helmi, Nawalyah Abd Ghani, Asmah Rahmat, Mujahir Hamid, Zulkhairi Amom, **Taufik Hidayat M** and Mohd Ilham Adenan. 2005 Universiti Putra Malaysia

**ACKNOWLEDGEMENT LETTER**

1. Penghargaan di atas penglibatan sebagai Panel Viva, Projek Ilmiah Tahun Akhir, 2004/2005 2005 Jabatan Sains Bioperubatan
2. Penghargaan di atas penglibatan sebagai Panel Viva, Projek Ilmiah Tahun Akhir, 2003/2004 2004 Fakulti Perubatan dan Sains Kesihatan, UPM
3. Penghargaan sebagai fasilitator program Kem Penghayatan Islam 2005 2005 Fakulti Perubatan dan Sains Kesihatan, UPM

**MALAYSIA TORAY SCIENCE FOUNDATION (MTSF)**

4. Malaysia Toray Science Foundation (MTSF 2006) Science and Technology Research Grant Award 2006 Malaysia Toray Science Foundation (MTSF)

**TRAVEL AWARD**

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**22. PREVIOUS ACADEMIC AND OTHER RELEVANT APPOINTMENTS**

Appointment	Faculty/Department/Unit/	Date of service	End of service
Head, Laboratory of Physical Performance and	Sports Academy	10 December 2007	9 December 2010
Acting Head of Department JAM	FPSK/JAM	November 2006	January 2007
Lecturer (Physiology)	FPSK/JAM/ Physiology	January 2005	Recent
Module Coordinator Alimentary System	FPSK/JAM/ Physiology	2006	Recent
Package 6 Coordinator	FPSK/JAM/ Physiology	January 2006	Recent
Module Coordinator Alimentary System	FPSK/JAM/ Physiology	2004	2006
Lecturer (Physiology)	FPSK/JSB/ Physiology	Sept 2003	Dec 2004
Head, Unit Physiology	FPSK/JSB/ Physiology	June 2005	May 2007
Tutor	FPSK/JSB/ Physiology	Mac 1999	June 2003
RA	Dept Of Physiology, Fac of Medicine UKM	1998	1999

FPSK: Fakulti Perubatan dan Sains Kesihatan; JAM: Jabatan Anatomi Manusia; JSB: Jabatan Sains Bioperubatan

**23. APPOINTMENTS AT FACULTY / UNIVERSITY/NATIONAL AND INTERNATIONAL LEVEL**

- Seminar and Workshop Secretariat
- Editorial Scientific Committee of journals / proceedings
- Extracurricular Activities
  - o Scientific Societies
  - o Committee Members

Lantikan	Peringkat
<b>2008</b>	
1. Perlantikan sebagai hakim untuk pertandingan dan pameran "Inventions, Innovation and Design 2008" (IID 2008).	Universiti Teknologi MARA, Shah Alam
<b>2007</b>	
1. Perlantikan sebagai ahli Vetting Committee untuk Program Perubatan, Fakulti Perubatan dan Sains Kesihatan, UPM	Fakulti Perubatan & Sains Kesihatan, UPM
2. Perlantikan sebagai ahli Preclinical Committee untuk Program Perubatan, Fakulti Perubatan dan Sains Kesihatan, UPM	
3. Group of Editors- PBL packages for Medical Students	Fakulti Perubatan & Sains Kesihatan, UPM
4. Facilitator Kem Penghayatan Islam	Fakulti Perubatan & Sains Kesihatan, UPM
5. Ahli jawatankuasa Buletin Fakulti , 2007/2008	
<b>2006</b>	
1. Pemangku Ketua Jabatan Anatomi Manusia, Fakulti Perubatan dan Sains Kesihatan, UPM	UPM
2. Penyelaras Module Alimentary System, 2006/2007	Fakulti Perubatan & Sains Kesihatan, UPM
3. Penyelaras Pakej 6, Alimentary System and Nutrition & Metabolism, 2006/2007	UPM
4. Penyelaras Module Endocrine System, 2006/2007, 2005/2006, 2004/2005	
5. Ketua Unit, Fisiologi, Jabatan Anatomi Manusia, 2005/2006. 2006/2007	Fakulti Perubatan & Sains Kesihatan, UPM
6. Pengerusi Ahli Jawatankuasa Suaikenal Peringkat FPSK Sesi 2005/2006	Fakulti Perubatan & Sains Kesihatan, UPM
7. Ahli Jawatankuasa Perpustakaan, Fakulti Perubatan dan Sains Kesihatan	Fakulti Perubatan & Sains Kesihatan, UPM

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|--|---|
| 8. Ahli Juruaudit Dalam FPSK: 1 tahun          | Fakulti Perubatan & Sains Kesihatan,<br>UPM |
| 9. Ahli jawatankuasa Buletin Fakulti 2006/2007 | Fakulti Perubatan & Sains Kesihatan,<br>UPM |

**2005**

- |   |   |
|---|---|
| 1. AJK Majlis, Hari Suaikenal Pelajar Baru Peringkat Fakulti, Sesi 2005/2006                          | Fakulti Perubatan & Sains Kesihatan,<br>UPM |
| 2. Ahli Jawatankuasa Lawatan, Fakulti Perubatan dan Sains Kesihatan                                   | Fakulti Perubatan & Sains Kesihatan,<br>UPM |
| 3. Ahli Jawatankuasa Pameran Penyelidikan dan Pembangunan, Fakulti Perubatan dan Sains Kesihatan      | Fakulti Perubatan & Sains Kesihatan,<br>UPM |
| 4. Majlis Hari Suai Kenal Pelajar Baru, Peringkat Fakulti Perubatan dan Sains Kesihatan, Sesi 2005/06 | Fakulti Perubatan & Sains Kesihatan,<br>UPM |

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**2004**

- |  |   |
|--|---|
| 1. Panel Penilai Pembentangan Seminar Siswazah bagi Semester 1 2004/2005 | Fakulti Perubatan & Sains Kesihatan,<br>UPM |
|--|---|

#### MEMBER OF INTERNATIONAL ORGANISATION

International Organisation	Status	Year
-		

#### MEMBER OF NATIONAL ORGANISATION

National Organisation	Status	Year
<ul style="list-style-type: none"><li>Malaysia Society of Pharmacology and Physiology (MSPP)</li></ul>	Active	Life

#### MEMBER OF INSTITUTION ORGANISATION

Committee member at university/faculty/department level		
<ul style="list-style-type: none"><li>Member at the Institute of Bioscience, UPM</li></ul>	Research Associate	2006-recent
<ul style="list-style-type: none"><li>Member of Alumni Silat Cekak Hanafi UKM</li></ul>	Ordinary Member	1998-recent
<ul style="list-style-type: none"><li>Member of Persatuan Seni Silat Cekak Hanafi Malaysia</li></ul>	Ordinary Member	1993-recent

#### RESEARCH PROJECT EXAMINER AND ASSESSOR

##### Examiner

- Undergraduates Final Year proposal and end-of project report
- Scientific writing of undergraduates
- Masters
- PhD projects
- Assessor of IRPA proposal

##### Examiner of Undergraduate Students Projects

1. Pemeriksa tesis dan viva pelajar 2006/2007
  - CT Zawiah binti Ab Ghani: Kajian rentas pendedahan bunyi bising dan stres pekerja kilang automotif, Selangor.
2. Pemeriksa tesis dan viva pelajar 2004/2005
  - Pelajar pra-siswazah
  - Program Kesihatan Persekitaran dan Pekerjaan :-
    - Hurhidayah bt Daud – The association between extreme temperature with physiological changes acclimatize rice mill workers in Tanjung Karang Selangor.
3. Undergraduates Final Year Bachelor of Biomedical Science students proposal and end-of project report (2002,2003, 2004, 2005)
4. Being one of the judges during viva for final year Biomedical Science Students end-of project presentation (2003, 2004, 2005)

##### Examiner of Postgraduate (Masters Students)

1. Internal Examiner of Master students  
Reading/Correcting/making suggestions of the student's thesis
  - Letty Ling

- Matrix No: GS13268
- Title: Hypoglycemic and antioxidative effect of *Anacardium occidentale* Linn. in diabetic rats.

**Examiner of Postgraduate (PhD Students)**

- none

<b>Workshop / seminar / training / conference attended</b>				
<b>Date</b>	<b>Conferences/ seminars/ workshop/ courses</b>	<b>Status of participations</b>	<b>Paper title</b>	<b>Place</b>
<b>2008</b>				
30 June 2008	Seminar Akademi Sukan, Siri Ketiga	Secretariat	-	Dewan Taklimat, Bangunan Pentadbiran, UPM
26-28 June 2008	Pengujian, Pemantauan Dan Penganalisaan Atlet-atlet MASUM 2008	Secretariat	-	Dewan Serbaguna, Pusat Sukan, UPM
10-12 June 2008	Kursus Pengukuran Dan Penilaian Prestasi Fizikal Atlet SUA 2008	Secretariat	-	Banquet Hall, UPM
4-5 June 2008	Kursus ISO untuk Wakil Pengurusan	Participant	-	Hotel Residence, Uniten, Bangi
28-29 May 2008	Kursus Penyalahgunaan Dadah Dalam Sukan	Penceramah	-	Hotel Maluri, Cheras
26-27 May 2008	Kursus Audit Kualiti Dalam ISO 9001:2000	Participant	-	Hotel Residence, Uniten, Bangi
29 Apr 2008	Kursus ECG – Make It Easy for Dummies	Participant	-	Faculty of Medicine and Health Sciences, UPM
5 -9 May 2008	Kursus Pengukuran dan Penilaian Kecergasan	Penceramah	-	Lumut, Perak
26 & 27 May 2008	Kursus Audit Kualiti Dalam ISO 9001:2000	Participant	-	Residence Hotel, Uniten
28 & 29 May 2008	Kursus Penyalahgunaan Dadah Dalam Sukan	Penceramah	-	Hotel Maluri, Kuala Lumpur
<b>2007</b>				
24 Jan 2007	Research University Workshop	Participant	-	Faculty of Medicine and Health Sciences, UPM
30 Jan 2007	Bengkel Penyelarasan Kurikulum Fasa 1	Participant	-	Faculty of Medicine and Health Sciences, UPM
12-16 Feb 2007	Research Design and Methodology Workshop	Participant	-	Faculty of Medicine and Health Sciences, UPM

21 Mac 2007	Training of Trainers "Kem Penghayatan Islam"	Participant	-	Universiti Putra Malaysia
26-27 Mac 2007	Bengkel GP Penyediaan Kertas Soalan Program Doktor Perubatan Fasa 1	Participant	-	UNITEN
30-1 April 2007	Kem Penghayatan Islam	Facilitator	-	Kuala Kubu Bharu
9-11 April 2007	Biology, Chemistry, Pharmacology and Clinical Studies of Asian Plants	Pembentang Kertas Kerja	Therapeutic role of <i>Mitragyna speciosa</i> on depressive disorders model in mice	Surabaya, Indonesia
3 May 2007	Bengkel Pembentangan dan penambahbaikan Kertas Cadangan semakan semula Kurikulum Program Doktor Perubatan	Penyelaras module dan Pakej	-	Faculty of Medicine and Health Sciences, UPM
<b>2006</b>				
18 Jan 2006	Seminar keselamatan dan kesihatan pekerjaan	Participant		Fakulti Perubatan dan Sains Kesihatan, UPM
7-8 Feb 2006	Bengkel Learning Outcome Initiative 1: CADE	Participant		Fakulti Ekologi, UPM
10-12 March 2006	Bengkel Penambahbaikan Kurikulum Fasa 1 Program Doktor Perubatan	Participant		Port Dickson, Negeri Sembilan
14-15 March 2006	Bengkel Learning Outcome Initiative 2: CADE	Participant	-	Fakulti Ekologi, UPM
22 March 2006	Hari Bersama Penasihat Akademik	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM

30-31 March 2006	Internal Audit MS ISO 9001:2000	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
19-20 April 2006	Internal Audit MS ISO 9001:2000	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
24-25 April 2006	21 <sup>st</sup> Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP)	Pembentang kertas kerja	Morphological Alterations in mitochondria following diclofenac and ibuprofen administrations in rats	Kota Bharu Kelantan
3 Ogos 2006	Majlis Ikrar Pelajar Siswazah, Universiti Putra Malaysia	Participant	-	UPM
7-8 Ogos 2006	PBL Facilitators Training Workshop; Program Doktor Perubatan	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
10 Ogos 2006	Pre-Congress Workshop: Multiple Choice Questions (MCQs) and Assessment of Medical Students	Participant	-	Putrajaya International Convention Centre (PICC)
24 Ogos 2006	Taklimat Akta Cuti 605	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
15 September 2006	Majlis Penyampaian Hadiah FPSK 2005/2006	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
19-20 September 2006	Internal Audits FPSK	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
13-14 Dis 2005	Kursus Juruaudit Dalam ISO	Participant	-	Faculty of Medicine and Health Sciences, UPM
19 Feb 2005	Bengkel Penyediaan Kertas Soalan Peperiksaan Sains Kesihatan	Participant	-	Faculty of Medicine and Health Sciences, UPM
26 Mei 2005	Bengkel Penambahbaikan Kurikulum Fasa 1 Program Doktor Perubatan	Participant	-	Faculty of Medicine and Health Sciences, UPM

14 Sept 2005	Hari Bersama Penasihat Akademik	Academic advisor	-	Fakulti Perubatan dan Sains Kesihatan, UPM
28 Sept 2005	Roadshow Penulisan Saintifik: Prof Emeritus Dr Mohamed Razeen Jainudeen	Participant	-	Fakulti Perubatan dan Sains Kesihatan, UPM
<b>2004</b>				
6-7 Oktober	2 <sup>nd</sup> Seminar/Workshop on "Use of PowerLab in Teaching and Research"	Participant	-	Med Fac. UM and ADInstruments
	Pameran Penyelidikan Dan Pembangunan (R & D ) IBS UPM 2004	Participant	-	Institute Bioscience
20 – 21 Julai 2004	Seminar Tumbuhan Ubatan dan Beraroma 2004	i) Poster Liver Histological Analysis Following Hepar p™ Pretreatment Prior to Challenge with Paracetamol Administration	Forest Research Institute Malaysia (FRIM), Kuala Lumpur	
22-26 Mac 2004	Workshop on Transmission electron Microscope	Participant	-	Universiti Kebangsaan Malaysia (UKM)
31 Julai 2004	Program Fitness Walk UPM 2004 – anjuran Persatuan Pegawai Akademik UPM (PPAUPM)	Participant		
22 Julai 2004	Bengkel " Medical Education Workshop"	Participant		
16 Ogos 2004	Kursus QMS 1 (MS ISO 9001: 2000)	Participant	Palm Garden Hotel,	
24-25 Ogos 2004	Kursus QMS 2 (MS ISO 9001: 2000)	Participant	Putrajaya	

## 24. INVOLVEMENT IN STUDENTS ACTIVITIES

### PERSONAL ACADEMIC ADVISOR

- Meeting students/mentee at least twice/semester
- Discussion
- Advising students regarding subjects that they are taking each semester
- Academic achievement
- Any problems students might face

- Writing a referral letter on behalf of students to their prospective employers

**FACILITATOR**

1. Kem Penghayatan Islam 2004, 2005, 2006.

**REFEREE TO EX-STUDENTS**

- Enoch Kumar Perumal
- Thenmalar Vadiveloo
- Hemabarathy Bharatham

**TEACHING EXPERIENCE**

- Normal Duties at the time of application- Teaching to Medical# and Biomedical\* Undergraduates (UG) students
- Preparation of updated lecture content
- Preparation of test and exam questions
- Preparation of assignment questions and marking of assignments
- Marking test and exams
- Conducting practical teaching for Physiology (SBP 3104)
- Judging and attending seminar presentation for Pharmacology and Toxicology

**Academic Referee**

1. Prof Madya Dr Zamberi Sekawi  
Timbalan Dekan Perubatan  
Fakulti Perubatan dan Sains Kesihatan  
Universiti Putra Malaysia  
43400, UPM SERDANG  
Selangor

2. Prof Madya Dr Mohd Roslan Sulaiman  
Timbalan Dekan Hal Ehwal Mahasiswa  
Fakulti Perubatan dan Sains Kesihatan  
Universiti Putra Malaysia  
43400, UPM SERDANG  
Selangor

