



UNIVERSITI PUTRA MALAYSIA

CURRICULUM VITAE

A. Biodata

- a. Name: TENGKU AZAM SHAH
BIN TENGKU MOHAMAD
- b. Department: Biomedical Sciences
- c. Faculty: Medicine & Health Sciences (FMHS)
- d. Field of Specialisation: Anatomy, Histology, Embryology
- e. Staff Card Number: A02731
- f. Identity Card Number (New): 720602-08-6565
- g. Date of Birth: 2/6/1972
- h. Contact:
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E-mail: azamshah@medic.upm.edu.my
- i. Current Position: Lecturer
Grade: DS52
Date of Present Appointment: 1/8/2010
Date of Confirmation: 10/5/2005
- j. Competency Level Assessment (Penilaian Tahap kecekapan):
TK3 Level 4 Year Taken 2008

B. Education and academic qualification

Degree	Class/Achievement	University Awarded	Year
PhD	Completing-Waiting for Viva	University Putra Malaysia	2008 - 2012
Master	MMedSc (Anatomy)	University Kebangsaan Malaysia	2004
First Degree	Doc. Of Veterinary Medicine	University Putra Malaysia	1998

C. Administrative duties and other relevant appointment

No	Position	Department/Faculty/Other Institution	Year	Duration
1.	Lecturer	Dep. Of Biomedical Sciences, FMHS, UPM	2004	Till present
2.	Pengetua	Kolej 13, Universiti Putra Malaysia	2007-2008	1 year
3.	Head of Anatomy Unit	Dep. of Biomedical Sciences, FMHS, UPM	2006-2008	3 years
4.	Resident Fellow	Kolej Tun Perak, Universiti Putra Malaysia	2003-2005	3 years
5.	Tutor	Dep. Of Biomedical Sciences FMHS, UPM	1999-2004	6 years

D. Academic awards and recognition

No.	Award/Recognition	Organisation Awarded	Date
1	'Hadih SLAB' (to do PhD)	JPA/KPT	2008-2012
2	'Hadih SLAB' (to do MMedSc)	UPM	2000-2002

E. Academic duties/committee members

No.	Title	Level (International/National/University/ Faculty/Department)	Year
1.	Panel Penilai Kertas Peperiksaan Akhir Program Bioperubatan (SBP 3103)	Department	2009
2.	'Pensyarah Pelawat Latihan Industri 09/10	Department	2009

3.	Penyelaras Kursus Anatomi Bioperubatan I (SBP 3102)	Department	2008/09 2007/08 2006/07
4.	Penyelaras Kursus Anatomi Bioperubatan II (SBP 3103)	Department	2008/09 2007/08 2006/07
5.	Panel Penilai Kertas Peperiksaan Akhir Program Bioperubatan (SBP 3102)	Department	2008
6.	'AJK Projek Ilmiah Tahun Akhir (Sains Bioperubatan)'	Department	2007/08
7.	Penyelia Projek Pelajar Tahun Akhir BSBP (BMS 4999)	Department	2007/08
8.	Penyelaras Kursus Biologi Manusia (NUR 3101)	Department	2008/09 2007/08 2006/07
9.	Panel Penilai Kertas Peperiksaan Akhir Program Kejururawatan (NUR 3101)	Department	2007/08
10.	Pemantau Latihan Industri (BMS 3999)	Department	2007
11.	Pemantau Latihan Industri (BMS 3999)	Department	2006
12.	AJK Akreditasi Program Bac Sains Bioperubatan	Department	2006
13.	Penyelia Projek Pelajar Tahun Akhir BSBP (BMS 4999)	Department	2006/07
14.	'Panel Hakim, Projek Ilmiah Tahun Akhir (Sains Bioperubatan)'	Department	2006/07
15.	Pemeriksa Dalam, Projek Ilmiah Tahun Akhir (Bac Kes Persekitaran dan Pekerjaan) (ENV 4999)	Department	2005/06
16.	'Panel Hakim, Projek Ilmiah Tahun Akhir (Sains Bioperubatan)' (BMS4999)	Department	2005/06
17.	Panel Penilai Kertas Peperiksaan Akhir Program Bioperubatan	Department	2005/06
18.	Penasihat Akademik	Department	2005 - 2008

F. Teaching activities

No.	Code and Name of Courses	Credit Hour	Number of Students	Semester/Academic Year
1	Sistem Pembiakan dan Urinari (SBP 3115)	2	>40	Semester 3 – 12/13
2	Sistem Saraf, Kardiovaskular dan Limfatik (SBP 3113)	3	>40	Semester 2 – 11/12, 12/13
3	Pengurusan Haiwan Makmal (SBP 3004)	3	>40	Semester 2 – 11/12, 12/13
4	Sistem Respirasi Pencernaan dan Persekitaran (SBP 3114)	2	>40	Semester 3 – 12/13
5	Sistem Integumen Rangka dan Otot (SBP 3112)	2	>40	Sem 1 – 11/12,12/13
6	Ergonomics (EOH 4201)	3	>40	Sem 5 of Session 04/05, 05/06, 06/07, 07/08, 11/12,12/13
7	Biomedical Anatomy I (SBP 3102)	3	>40	Semester 2 of sessions 04/05, 05/06, 06/07, 07/08 & 09/10.
8	Biomedical Anatomy II (SBP3103)	3	>40	Semester 3 of sessions 04/05, 05/06, 06/07, 07/08 & 08/09.
9	Human Biology (NUR3101)	4	<40	Semester I of sessions 04/05, 05/06, 06/07, 07/08 & 09/10.

G. Supervision of students

Program Level		Name of Students and Title of Thesis/Project	Main Supervisor/ Co-supervisor	Status (Completed/ Ongoing)	Year Graduated
PhD	1	Noor Azlina Abu Bakar (GS28073)	Co-supervisor	On-going	
Master	1	Jacklin Anak Suloon (GS28047)	Co-supervisor	On-going	
	2	Mohd Nasier Kamaldin (GS27515)	Co-supervisor	On-going	
	3	Nur Izzati Ismail (GS28065)	Co-supervisor	On-going	

	4	Wong Yoong Yew (130357) (The anti-inflammatory effects of Zingiber Zerumbet extract in rats)	Main-supervisor	Completed	2007/08
	5	Lim Char Yong (129222) (Anti-nociceptive properties of essential oil of <i>Zingiber zerumbet</i> on mice and rats)	Main-supervisor	Completed	2007/08
		Muhamad Suffian Ahmad (133603) Anti-inflammatory effect of Zingiber zerumbet essential oil	Main-supervisor	Completed	2007/08
Bacelor	1	Cher Chai Teng (129441) Antinociceptive effect of methanolic extract of Zingiber zerumbet	Main-supervisor	Completed	2007/08
	2	Mohd Fazli Md Aman (134547) Antinociceptive effect of essential oil of Z. zerumbet	Co-supervisor	Completed	2007/08
	3	NurSyamimi Ariffin (131300) Anti-inflammatory effect of ethanolic extract of K. galanga rhizome	Co-supervisor	Completed	2007/08
	4	Thayala Vishnu a/l Chandra Segaran (131006) Mechanism of Anti-inflammatory effect of ethanolic extract of K. galanga rhizome	Co-supervisor	Completed	2007/08
	5	Lee Pey Yee (129138) Antinociceptive effect of ethanolic extract of K. galanga rhizome	Co-supervisor	Completed	2007/08
	6	Thian Chia Yen (124428) (The activation patterns of contralateral trapezius muscles in target archery)	Main-supervisor	Completed	2006/07
	7	Poh Hui Yong (124224) (The activation patterns of contralateral deltoid muscles in target archery)	Main-supervisor	Completed	2006/07
	8	Rusnaini bt Sardar Ali (117979) (The Use of Wrist Support In Reducing Extensor Digitorum Muscle Fatigue Among Office Workers In UPM)	Main-supervisor	Completed	2005/06
	9	Natasha Elina bt Roslan (Spinal (Analysis And Its Association With Isometric Back Strength Capacity Among Workers In a Bearing Factory in Nilai, Negeri Sembilan)	Main-supervisor	Completed	2005/06

	10	Androw Chia (119363) (Working Posture Position and Musculoskeletal Problem Among Shipyard Worker)	Main-supervisor	Completed	2005/06
	11	Imelda Marazing (Analisa spina dan Kaitannya Dengan Kapasiti Kekuatan Isometrik di kalangan Pekerja Ladang, UPM)	Co-supervisor	Completed	2004/05
	12	Rohaiza Muda (96828) (The Oxygen Diffusing Conductance of The Placentae of Gestational Diabetes Mellitus Mothers in Kuala Lumpur Hospital & Selayang Hospitals)	Co-supervisor	Completed	2003/04
	13				
	14				
	15				

H. Publications

a. Cited Journals

No.	Name of Writer (s)	Year Pub.	Title	Name of Journal	Vol. No	Page No
1	<u>Azam Shah Mohamad,</u> Muhammad Nadeem Akhtar, Shaik Ibrahim Khalivulla, Enoch Kumar Perimal, Mohamed Hanief Khalid, Hui Ming Ong, Seema	2011	Possible participation of nitric oxide/cyclic GMP/protein kinase C/ATP-sensitive K ⁺ channels pathway in the systemic antinociception of flavokawin B	Basic & Clinical Pharmacology & Toxicology		In press

	Zareen, Ahmad Akira Farouk, Daud Ahmad Israf Ali, Nordin Lajis, Mohd Roslan Sulaiman					
2	Mohd Roslan Sulaiman, Azyyati Mohd Padzil, Khozirah Shaari, Syamimi Khalid, Wan Mastura Shaik Mossadeq, <u>Azam Shah Mohamad</u> , Syahida Ahmad, Ahmad Akira, Daud Ahmad Israf, Nordin Lajis	2011	Antinociceptive activity of Melicope ptelefolia ethanolic extract in experimental animals	Journal of Biomedicine and Biotechnology		In press
3	Enoch Kumar Perimal, Muhammad Nadeem Akhtar, <u>Azam Shah Mohamad</u> , Mohd Hanief Khalid, Ong Hui Ming, Syamimi Khalid, Lee Ming Tatt, Mohd Nasier Kamaldin, Zainul Amiruddin Zakaria, Daud Ahmad Israf, Nordin Lajis and Mohd Roslan Sulaiman	2011	Zerumbone-Induced Antinociception: Involvement of the L-Arginine-Nitric Oxide-cGMP -PKC-K+ATP Channel Pathways	Basic & Clinical Pharmacology & Toxicology		In press
4	Hui Ming Ong, <u>Azam Shah Mohamad</u> , Nor 'Adilah Makhtar, Mohamed Hanief Khalid, Syamimi Khalid, Enoch Kumar Perimal, Siti Nurulhuda Mastuki, Zainul Amiruddin Zakaria, Nordin Lajis, Daud Ahmad Israf and Mohd Roslan Sulaiman	2011	Antinociceptive activity of methanolic extract of <i>Acmella uliginosa</i> (Sw.) Cass.	Journal of Ethnopharmacology		In press
5	<u>A.S. Mohamad</u> , M.N. Akhtar, Z.A. Zakaria, E.K. Perimal, S. Khalid, P.A. Mohd, M.H. Khalid, D.A. Israf, N.H. Lajis and M.R. Sulaiman	2010	Antinociceptive activity of a synthetic chalcone, flavokawin B on chemical and thermal models of nociception in mice	European Journal of Pharmacology:	647	103-109
6	Israf, D.A., Tham, C.L., Syahida, A.,	2010	Atrovirone inhibits proinflammatory	Phytomedicine	17	732-9

	Lajis, N.H., Sulaiman, M.R., Mohamad, A.S. , Zakaria, Z.A.		mediator synthesis through disruption of NF-κB nuclear translocation and MAPK phosphorylation in the murine monocytic macrophage RAW 264.7			
7	Z.A. Zakaria, T.M. Tengku Azam Shah , C.T. Chear, Y.Y. Wong, D.A. Israf and M.R. Sulaiman (2010)..	2010	Anti-inflammatory and Antinociceptive Activities of <i>Zingiber zerumbet</i> Methanol Extract in Experimental Model Systems	Medical Principles and Practice	19 (4):	287-294
8	M.R. Sulaiman, Z.A. Zakaria, A.S. Mohamad , M. Ismail, M. T. Hidayat, D. A. Israf and M. Adilius	2010	Antinociceptive and anti-inflammatory effects of the ethanol extract of <i>Alpinia conchigera</i> rhizomes in various animal models	Pharmaceutical Biology	48(8)	861-868
9	Z.A. Zakaria, A. Mat Desa, K. Ramasamy, N. Ahmat, A.S. Mohamad , D.A. Israf and M.R. Sulaiman	2010	Lack of antimicrobial activities of <i>Dicranopteris linearis</i> extracts and fractions	African journal of Microbiology Research	4	71-75
10	M.R. Sulaiman, E.K. Perimal, M.N. Akhtar, A.S. Mohamad , M.H. Khalid, N.A. Tasrip, F. Mokhtar, Z.A. Zakaria, N.H. Lajis and D.A. Israf	2010	Anti-inflammatory effect of zerumbone on acute and chronic inflammation models in mice	<u>Fitoterapia</u>	81:	855-858
11	Khalid, S., Shaik Mossadeq, W. M., Israf, D.A., Hashim, P., Rejab, S., Shaberi, A. M., Mohamad, A. S. , Zakaria, Z. A., Sulaiman, M. R.	2010	In vivo Analgesic Effect of Aqueous Extract of <i>Tamarindus Indica</i> L. Fruits	Medical Principles and Practice	19 (4):	255-259
12	Omar A. Harasstani , Saidi Moin, Chau Ling Tham, Choi Yi Liew, Norazren Ismail, Revathee Rajajendram, Hanis H. Harith, Zainul A. Zakaria, Azam S. Mohamad , Mohamad R. Sulaiman, Daud A. Israf	2010	Flavonoid combinations cause synergistic inhibition of proinflammatory mediator secretion from lipopolysaccharide-induced RAW 264.7 cells	Inflamm. Res.	59:	711-721

13	Choi Yi Liew, Chau Ling Tham, Kok Wai Lam, Azam Shah Mohamad , Min Kyu Kim, Yoke Kqueen Cheah, Zainul Amiruddin Zakaria, Mohd Roslan Sulaiman, Md Nordin Lajis, Daud Ahmad Israf	2010	A synthetic hydroxypropenone inhibits nitric oxide, prostaglandin E2, and proinflammatory cytokine synthesis.	Immunopharmacology and Immunotoxicology	32(3):	495-506
14.	Zakaria, Z.A., Patahuddin, H., Mohamad, A.S. , Israf, D.A., Sulaiman, M.R.	2010	In vivo anti-nociceptive and anti-inflammatory activities of the aqueous extract of the leaves of Piper sarmentosum	Journal of Ethnopharmacology	128	42-48
15	MR Sulaiman, ZA Zakaria, A Abdul Rahman, AS Mohamad , MN Desa, J Stanslas, S Moin & DA Israf	2010	Antinociceptive and Antiedematogenic Activities of Andrographolide Isolated From <i>Andrographis paniculata</i> in Animal Models	Biological Research for Nursing	11(3)	293-301
16	Chau Ling Tham, Choi Yi Liew, Kok Wai Lam, Azam-Shah Mohamad , Min Kyu Kim, Yoke Kqueen Cheah, Zainul-Amirudin Zakaria, Mohd-Roslan Sulaiman, Nordin H. Lajis, Daud A. Israf	2010	A synthetic curcuminoid derivative inhibits nitric oxide and proinflammatory cytokine synthesis	European Journal of Pharmacology	628	247-254
17	M.R. Sulaiman, Z.A. Zakaria, T.A.S. Tengku Mohamad , W.Y. Yew, C.C. Teng and D.A. Israf	2010	Preliminary analysis of Anti-inflammatory Activities of Essential Oil of <i>Zingiber zerumbet</i> in <i>In Vivo</i> Models	Biological Research for Nursing		In press
18	Shaik Mossadeq WM, Sulaiman MR, Tengku Mohamad TA , Chiong HS, Zakaria ZA, Jabit ML, Baharuldin MTH, Israf DA	2009	Anti- Inflammatory and Antinociceptive Effects of Mitragyna speciosa Korth Methanolic Extract.	Med Princ Pract	18:	378-384
19	Mohd Roslan Sulaiman, Tengku Azam Shah Tengku Mohamad , Wan	2010	Antinociceptive Activity of the Essential Oil of <i>Zingiber zerumbet</i>	Planta Medica	76	107-112

	Mastura Shaikh Mossadeq, Saidi Moin, Mazlina Yusof, Ahmad Fauzi Mokhtar, Zainul Amiruddin Zakaria, Daud Ahmad Israf, Nordin Lajis					
20	Sulaiman MR, Zakaria ZA, Adilius M, <u>Mohamad AS</u> , Ismail M, Israf DA	2009	Antinociceptive and anti-inflammatory effects of the ethanol extract of <i>Alpinia conchigera</i> Griff. Rhizomes in various animal models	Methods Find Exp Clin Pharmacol	31(4)	241-7
21	M.R. Sulaiman, Z.A. Zakaria, H.S. Chiong, S.K. Lai, D.A. Israf, <u>T.M. Tg. Azam Shah</u> .	2009	Antinociceptive and anti-inflammatory effects of <i>Stachytarpheta jamaicensis</i> (L.) Vahl. (Verbenaceae) in experimental animal models	Medical Principles and Practice.	18	272-279
22	M.R. Sulaiman, M.K. Hussain, Z.A. Zakaria, M.N. Somchit, S. Moin, <u>A.S. Mohamad</u> , D.A. Israf	2008	Evaluation of the antinociceptive activity of <i>Ficus deltoidea</i> aqueous extract.	Fitoterapia	79	557-561.
23	MR Sulaiman, S Sainan, ZA Zakaria, MN Somchit2, DA Israf, S Moin and <u>TA Tengku Mohamad</u>	2007	Antinociceptive profile of the ethanolic extract of <i>andrographis paniculata</i> in mice	Oriental Pharmacy & Experimental Medicine	7(4)	390-394

b. Non-cited Journal

No.	Name of Writer (s)	Year Published	Title	Name of Journal	Volume Number	Page Number

c. Book(s)

No.	Name of Author(s)	Year Published	Title	Publisher

d. Chapter(s) in Book

No.	Name of Author(s)	Year Published	Title	Publisher

e. Proceeding(s)

No.	Name of Writer(s)	Year	Title	Name of	Page

		Published		Seminar/Conference	Number
1	<u>Tengku Azam Shah</u> <u>Tengku Mohamad</u> Azziyati Mohd Padzil, Syamimi Khalid, Enoch Kumar Perimal, Mohd Roslan Sulaiman, Zainul Amiruddin Zakaria, Daud Ahmad Israf Ali, Muhammad Nadeem Akhtar, Nordin Haji Lajis	2009	Antinociceptive Properties of Flavokawin B in Rodents: A Preliminary Study	The International Workshop on “Chemoprevention and Translational Research”. COSTAM & Society for Free Radical research, SFRR (ASIA / MALAYSIA)	219
2	Enoch Kumar Perimal, Mohd Roslan Sulaiman, Daud Ahmad Israf Ali , Nordin Haji Lajis, <u>Tengku Azam Shah</u> <u>Tengku Mohamad</u> , Muhammad Nadeem Akhtar, and Zainul Amiruddin Zakaria	2009	Anti-nociceptive Properties of Zerumbone	The International Workshop on “Chemoprevention and Translational Research”. COSTAM & Society for Free Radical research, SFRR (ASIA / MALAYSIA)	137
3	MT, Che Norma, AA Nasaruddin, Khairun M Rumaizah, <u>TM Tengku Azam Shah</u> , S Farihah and M Zainal Abidin. (2006)	2006	Motoneurons Innervating Rectus Femoris and Semitendinosus Muscles in Crab- Eating Monkey (<i>Macaca fascicularis</i>): A Study by the HRP Method	6 th National Symposium on Health Sciences 2006 6 th – 7 th June 2006, Palace of the Golden Horses, Kuala Lumpur	52
4	MT, Che Norma, AA Nasaruddin, , M Khairun Rumaizah, <u>TM Tengku Azam Shah</u> , S Farihah, M Zainal Abidin. AL Azian and AG Norzana. M	2008	Comparison of Motoneurons Innervating Semitendinosus And Rectus Femoris Muscles in Monkey	2 nd USM Penang International Post Graduate Convention 2008. 18 th – 20 th June 2008, USM Penang Malaysia.	470

f. Seminar Papers Presented (orally)

No.	Name of Writer(s)	Title	Name of Seminar/Conference	Organiser	Place	Date
1.	Enoch Kumar Perimal, <u>Tengku Azam Shah</u> <u>Tengku Mohamad</u> , Mohd Hanief Khalid, Muhammad Nadeem Akhtar,	The role of nitric oxide/cyclic GMP/protein kinase C pathways in the antinociceptive activity of Zerumbone	The 7th IMT- GT UNINET and the 3rd Joint International PSU-UNS Conferences	Prince of Songkla University,	HatYai- Songkhla, Thailand	7-8 Oct 2010

	Daud Ahmad Israf Ali, Nordin Lajis Mohd Roslan Sulaiman					
2.	Mohamed Hanief Khalid, Tengku Azam Shah Tengku Mohamad , Enoch Kumar Perimal, Mohd Roslan Sulaiman	Involvements of Gabaergic system in essential oil from <i>Zingiber zerumbet</i> induced antinociceptive activity	1 st pharmaceutical Sciences conference and Exhibition (PSCE)	School of Pharmaceutical Sciences, USM	Penang	27-28 Sept 2010
3.	Tengku Azam Shah Tengku Mohamad , Poh Hui Yong, Thian Chia Yen, Mohd Roslan Sulaiman	The activation patterns of contralateral shoulder muscles in target archery	Kolokium Penyelidikan Pensyarah Lantikan Baharu, Universiti Putra Malaysia	Pusat Pengurusan Penyelidikan UPM	Dewan Auditorium, Fakulti Kejuruteraan, UPM	20 & 21 Ogos 2008

g. Other Presentation (Poster/Product/Exhibition/Showcase)

No.	Name of Writer(s)	Title	Name of Seminar/Conference/Exhibition	Organiser	Place	Date
1.	Tengku Azam Shah Tengku Mohamad , Enoch Kumar Perimal, Mohamed Hanief Khalid, Lee Ming Tatt, Syamimi Khalid, Hui Ming Ong, Wan Mastura Syeikh Mossadeq, Muhammad Nadeem Akhtar, Zainul Amirrudin Zakaria, Daud Ahmad Israf Ali, Nordin Lajis, Mohd Roslan Sulaiman	The role of nitric oxide/cyclic GMP/protein kinase C pathways in the antinociceptive activity of synthetic flavokawin B: possible mechanisms of action	The 7th IMT-GT UNINET and the 3rd Joint International PSU-UNS Conferences	Prince of Songkla University,	HatYai-Songkhla, Thailand	7-8 Oct 2010
2.	M. H. Khalid, N. Akhtar, A. S. Mohamad , K. Perimal, D. A. Israf,, M. N. Lajis,,M. R. Sulaiman	Involvements of potassium channel activation in essential oil from <i>Zingiber zerumbet</i> (EOZZ) induced antinociceptive activity in animal model of pain.	The 7th IMT-GT UNINET and the 3rd Joint International PSU-UNS Conferences	Prince of Songkla University,	HatYai-Songkhla, Thailand	7-8 Oct 2010
3	Lee Ming Tatt,	Preliminary study	1 st	School of	Penang	27-28

	Ong Hui Ming, Syamimi Khalid, Tengku Azam Shah Tengku Mohamad , Tham Chao-Ling, Hanief Khalid, Enoch Kumar Perimal, Muhammad Nadeem Akhtar, Zainul Amiruddin Zakaria, Nordin Lajis, Daud Ahmad Israf, Mohd. Roslan Sulaiman	of antinociceptive activity of 2,6-bis-4-(hydroxyl-3-methoxybenzylidene)-cyclohexanone, a curcuminoid derivative, and its suitable route of administration.	pharmaceutical Sciences conference and Exhibition (PSCE)	Pharmaceutical Sciences, USM		Sept 2010
4	Mohd Nasier kamaldin, Mohd Roslan Sulaiman, Azam Shah Mohamad , Enoch Kumar Perimal	The antiulcerogenic effect of Flavokawin B, Zerumbone and BHMC on HCL/ethanol induced mice	1 st pharmaceutical Sciences conference and Exhibition (PSCE)	School of Pharmaceutical Sciences, USM	Penang	27-28 Sept 2010
5.	Ong Hui Ming, Lee Ming Tatt, Hanief Khalid, Syamimi Khalid, Enoch Kumar Perimal, Siti Nurulhuda Mastuki, Zainul Amiruddin Zakaria, Tengku Azam Shah Tengku Mohamad , Nordin Lajis, Daud Ahmad Israf, Mohd. Roslan Sulaiman	Antinociceptive activity of <i>Acmella Uliginosa</i> hexane fraction	1 st pharmaceutical Sciences conference and Exhibition (PSCE)	School of Pharmaceutical Sciences, USM	Penang	27-28 Sept 2010
6.	Tengku Azam Shah Tengku Mohamad , Enoch Kumar Perimal, Hanief Khalid, Jacklin Suloon, Lee Ming Tatt, Ong Hui Ming, Nor Adilla Makhtar, Syamimi Khalid, Zainul Amiruddin Zakaria, Nordin Lajis, Daud Ahmad Israf, Mohd. Roslan Sulaiman	Involvement of ATP-sensitive K ⁺ channel pathway in the peripheral antinociceptive induced by synthetic flavokawin B in mice	1 st pharmaceutical Sciences conference and Exhibition (PSCE)	School of Pharmaceutical Sciences, USM	Penang	27-28 Sept 2010
7.	Tengku Azam Shah T.M. , Jacklin S., Ming T.L., Enoch K.P., Hui	The anti-inflammatory activities of synthetic	Simposium Persatuan Biologi Gunaan Malaysia ke-11	MSAB, UKM, USM	Kota Bharu, Kelantan	13-15 Jun 2010

	M.O., Nor Adilah B.M., Nur Hayati S.B., Nor Asmara T., Hanief K., Syamimi K., Zainul Amiruddin Z., Nordin L., Daud A.I., Mohd Roslan S.,	Flavokawin B on acute and chronic inflammation models in mice	2010			
8.	Syamimi K., Azzyati M.P., Tengku Azam Shah T.M. , Enoch K.P., Zainul Amiruddin Z., Hui M.O., Mohamed Hanief K., Daud A.I., Puziah H., Saripah R., Mohd Roslan S.,	Anti-inflammatory effect activities of <i>Garcinia nigrolineata</i> G. aqueous fruit extract	Simposium Persatuan Biologi Gunaan Malaysia ke-11 2010	MSAB, UKM, USM	Kota Bharu, Kelantan	13-15 Jun 2010
9.	Hui M.O., Nor Adilah B.M., Mohamed Hanief K., Syamimi K., Enoch K.P., Siti Nurulhuda, Zainul Amiruddin Z., Tengku Azam Shah T.M. , Nordin L., Daud A.I., Mohd Roslan S.,	Antinociceptive activity of <i>Acmella uliginosa</i> aqueous fraction	Simposium Persatuan Biologi Gunaan Malaysia ke-11 2010	MSAB, UKM, USM	Kota Bharu, Kelantan	13-15 Jun 2010
10.	Enoch K.P., Tengku Azam Shah T.M. , Hanief K., Nor Asmara T., Jacklin S., Ming T.L., Hui M.O., Nor Adilah B.M., Nur Hayati S.B., Syamimi K., Mohamed Nadeem, Zainul Amiruddin Z., Nordin L., Daud A.I., Mohd Roslan S.,	Dose dependent effect of zerumbone on carrageenan-induced paw oedema and granuloma tissue formation in mice	Simposium Persatuan Biologi Gunaan Malaysia ke-11 2010	MSAB, UKM, USM	Kota Bharu, Kelantan	13-15 Jun 2010
11.	Mohamed hanief K., Tengku Azam Shah T.M. , Enoch K.P., Nur Hayati S.B., Mohd Roslan S.,	Possible mechanisms of essential oil of Zingiber zerumbet induced antinociceptive activity in mice	Simposium Persatuan Biologi Gunaan Malaysia ke-11 2010	MSAB, UKM, USM	Kota Bharu, Kelantan	13-15 Jun 2010
12.	Tengku Azam Shah Tengku Mohamad : Azzyati Mohd Padzil,	Evaluation of The Antinociceptive Activity of Synthetic	The International Workshop on “Chemoprevention and	Confederation of Scientific and Technological Associations in	Meritus Pelangi Beach Resort &	9-12 July 2009

	Syamimi Khalid, Enoch Kumar Perimal, Mohd Roslan Sulaiman, Zainul Amiruddin Zakaria, Daud Ahmad Israf Ali, Muhammad Nadeem Akhtar, Nordin Haji Lajis	Flavokawin B in Mice	Translational Research”	Malaysia, COSTAM & Society for Free Radical research, SFRR (ASIA / MALAYSIA)	Spa, Langkawi, Malaysia	
13.	Enoch Kumar Perimal, Mohd Roslan Sulaiman, Daud Ahmad Israf Ali , Nordin Haji Lajis, <u>Tengku Azam Shah Tengku Mohamad</u> , Muhammad Nadeem Akhtar, and Zainul Amiruddin Zakaria	Anti-nociceptive Properties of Zerumbone	The International Workshop on “Chemoprevention and Translational Research”	Confederation of Scientific and Technological Associations in Malaysia, COSTAM & Society for Free Radical research, SFRR (ASIA / MALAYSIA)	Meritus Pelangi Beach Resort & Spa, Langkawi, Malaysia	9-12 July 2009
14.	MT, Che Norma, AA Nasaruddin, , M Khairun Rumaizah, <u>TM Tengku Azam Shah</u> , S Farihah, M Zainal Abidin. AL Azian and AG Norzana. M..	Comparison of Motoneurons Innervating Semitendinosus And Rectus Femoris Muscles in Monkey	2 nd USM Penang International Post Graduate Convention 2008.	USM	USM Penang Malaysia.	18 th – 20 th June 2008
15.	MT, Che Norma, AA Nasaruddin, , Khairun M Rumaizah,, <u>TM Tengku Azam Shah</u> , S Farihah and M Zainal Abidin.	Motoneurons Innervating Rectus Femoris and Semitendinosus Muscles in Crab-Eating Monkey (<i>Macaca fascicularis</i>): A Study by the HRP Method	6 th National Symposium on Health Sciences 2006	UKM	Palace of the Golden Horses, Kuala Lumpur	6 th – 7 th June 2006

h. Other Equivalent Outcomes (Monograph/Module/Popular Writing & Article/Design etc)

No.	Name of Writer(s)	Category of Outcome	Year Published

I. Research activities

a. Research Grants

No.	Title	Role (Main/Co-researcher)	Sponsor/Grant and Amount (RM)	Period (year)	Status (Completed/Ongoing)
1	Evaluation Of The Antinociceptive And Anti-Inflammatory Activities Of Curcuma Longa (Turmeric) Essential Oil	Main-researcher	Universiti Putra Malaysia RUGS, RM70000	2010/13 (3years)	On-going
2	Antinociceptive activity of <i>Boesenbergia pandurata</i> (Temu Kunci) aqueous extract and compound (panduratin A)	Co-researcher	Universiti Putra Malaysia RUGS, RM30,000	2009/11 (3years)	On-going
3	In vivo evaluation of antinociceptive and anti-inflammatory activities of <i>Acmella uliginosa</i> extracts	Main-researcher	Universiti Putra Malaysia RUGS, RM49,000	2009/11 (3years)	completed
4	The activation patterns of contra-lateral shoulder muscles in target archery	Main-researcher	Universiti Putra Malaysia – Skim PLB RM 10,000.00	2006/07 (2years)	completed
5	Morphology of The Motor Neuron Innervating The Hamstring Muscles And Feasibility Study of The Intercosto- Lumbosacral Nerve Transfer in Crab-Eating Monkey (<i>Macaca fascicularis</i>)	Researcher	Fak. Perubatan, UKM RM 8,000.00	2002/03 (1year)	completed

b. Patent/Commercialisation

No.	Title	Date	File/Patent No.	Status (Granted/Pending)

J. Consultation activities

a. Consultation Project(s)

No.	Name of Consultant(s)	Name of Project/Program	Sponsor	Amount (RM)	Year	Status (Completed/Ongoing)

b. Consultation Report(s)

No.	Name of Consultant(s)	Title of Report	Sponsor	Date Submitted

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K. Extension and other public services

No.	Name of Activity/Project/ Program	Organiser	Place	Date
1	Penceramah Kursus Ketrampilan Graduan (Finishing School) Ke-6	Pusat Kokurikulum, Universiti Putra Malaysia	FPP	2&3 Oktober 2010
2.	Penceramah Kursus Ketrampilan Graduan (Finishing School) Ke-5	Pusat Kokurikulum, Universiti Putra Malaysia	Fak. Sains & Teknologi Makanan	Mac 2010
3.	Penceramah Kursus Permulaan Graduan (Starting School) Ke-4	Pusat Kokurikulum, Universiti Putra Malaysia	Dewan Kompleks Akademik Pusat DKAP	19 Julai 2009
4.	'Tenaga Pengajar Program Pra-Perubatan, Ijazah Perubatan di Mesir'	UPM Education & Training Sdn. Bhd.	FMHS, UPM	4 May – 25 June 2009
5.	Pensyarah Jemputan	Cyberjaya University College of Medical Sciences (Anatomi Perubatan Tahun 1& 2)	CUCMS, cyberjaya	Sesi 2009/2010
6.	Penceramah Kursus Ketrampilan Graduan (Finishing School) Ke-4	Pusat Kokurikulum, Universiti Putra Malaysia	Fak. Sains & Teknologi Makanan	2&3 Ogos 2008
7.	Penceramah Kursus Permulaan Graduan (Starting School) Ke-3	Pusat Kokurikulum, Universiti Putra Malaysia	Fak Ekonomi Pengurusan & Fak. Sains	12&13 Julai 2008
8.	Penceramah Kursus Ketrampilan	Pusat Kokurikulum, Universiti Putra Malaysia	Fak. Perubatan & Sains Kesihatan	22 & 23 Mac 2008

	Graduan (Finishing School) Ke-3			
9.	Pensyarah Jemputan	Cyberjaya University College of Medical Sciences (Anatomi Perubatan Tahun 1& 2)	CUCMS, cyberjaya	Sesi 2008/2009
10.	Pensyarah Jemputan	Kolej Sains Kesihatan Bersekutu, Sg Buluh (Diploma Jurupulih Carakerja)	KSKB, Sg Buluh	Julai-Oktober 2006
11.	Pensyarah Jemputan	Kolej Sains Kesihatan Bersekutu, Sg Buluh (Diploma Jurupulih Carakerja)	KSKB, Sg Buluh	Julai-Oktober 2005
12.	Pensyarah Jemputan	Kolej Sains Kesihatan Bersekutu, Sg Buluh (Diploma Fisioterapi)	KSKB, Sg Buluh	Julai-Oktober 2006
13.	Pensyarah Jemputan	Kolej Sains Kesihatan Bersekutu, Sg Buluh (Diploma Jurupulih Carakerja)	KSKB, Sg Buluh	Julai-Oktober 2005

L. Involvement in professional association/organization/body

No.	Name of Association/Organization/Body	Role (President/Secretary/Committee Member/Ordinary Member)
1.	Persatuan Biologi Gunaan Malaysia	Ordinary Member
2.	'Persatuan Pegawai Akademik UPM'	Ordinary Member
3.	Electron Microscopy Society Malaysia	Ordinary Member

M. Involvement in student development

No	Name of Program	Organiser	Venue	Role (Facilitator/Spe aker/Others)	Date
	Ultra Elite Boost Camp, K17, UPM	K17,	UPM	Pengarah Program	6-10 November 2014

1.	Program OBEXTREME, FPSK, UPM	FPSK, UPM	Kem Lagenda, Sagil	Pengarah Program	4 – 8 September 2007
2.	Program OBEXTREME, FPSK, UPM	FPSK, UPM	Btn 8 RRD (Para), Kem Terendak	Pengarah Program	4 – 8 September 2006
3.	Bengkel Bijak Belajar I – 06	KTP, UPM	REGENCY HOTEL, PD	Guest Speaker	13 – 15 Jan 2006
4.	Program OBEXTREME, FPSK, UPM	FPSK, UPM	Btn 8 RRD (Para), Kem Terendak	Pengarah Program	4 – 8 September 2005
5.	Kem Kepimpinan Fasa II & III – 05	KTP, UPM	Excel Training Centre, Broga	Fasilitator	6 – 10 Jun 2005
6.	Kem Kepimpinan Fasa I - 05	KTP, UPM	Dusun Eco Resort Bentung Pahang	Fasilitator	4 – 6 Februari 2005
7.	‘Program Kem Penghayatan Islam’	FMHS, UPM	Wira Waja Camp, Janda Baik	Facilitator	14 – 16 January 2005,
8.	Bengkel Bijak Belajar 2 – 04	KTP, UPM	Kuala Selangor Resort	Guest Speaker	17 – 19 Disember 2004
9.	Kem Kepimpinan Fasa II – 04	KTP, UPM	Kem Bumi Jati, Klang	Fasilitator	13 – 15 Ogos 2004

10.	Program OBEXTREME, FPSK, UPM.	FPSK, UPM	Bn 7 RRD (Mech), Batu 5, Mentakab, Pahang	Pengarah Program	9 – 12 Ogos 2004
11.	Kem Kepimpinan Fasa I – 04	KTP, UPM	Nur Lembah Pangsun	Deputy Director	7 – 10 Jun 2004
12.	Program Latihan Khidmat Negara Siri 1 2004	KPN	KTP, UPM	Jurulatih Sel Disiplin	Mac – Jun 2004
13.	Bengkel Bijak Belajar 1-04	KTP, UPM	Hotel Seri Malaysia, Genting	Fasilitator	2 – 4 Januari 2004
14.	Kem Penghayatan Islam, FPSK, UPM	FPSK, UPM	El Azhar Kem, Morib	Committee members	12 – 14 Disember 2003
15.	Kem Kepimpinan Fasa II 03	KTP, UPM	PD Sanctuary, N Sembilan	Fasilitator	13 – 16 Oktober 2003
16.	Program OBEXTREME, FPSK, UPM.	FPSK, UPM	Pusat Latihan Umno, Janda Baik, Pahang	Pengarah Program	5 - 9 Ogos 2003
17.	Persatuan Muzik Tradisional	FEM	UPM	Chairman	2002 – 2003
18.	Kem Penghayatan Islam, FPSK, UPM	FPSK, UPM	El Azhar Kem, Morib	Committee members	2002

