

CURRICULUM VITAE



Name : MOHD KHAIRI BIN HUSSAIN
 Position : SENIOR LECTURER
 Department : BIOMEDICAL SCIENCES
 Faculty of Medicine and Health Sciences
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Education

1. DOCTOR OF VETERINARY MEDICINE, UPM (1996)
2. MASTER SCIENCE (PHARMACOLOGY), UPM (2003)

Areas of Interest

1. NATURAL PRODUCTS & DRUG DISCOVERY
2. PAIN AND INFLAMMATION
3. LABORATORY ANIMAL SCIENCE

Professional Qualification/ Membership/ Affiliation

1. VETERINARY MEDICINE (UPM)
2. Malaysian Veterinary Medical Association (MAVMA)
3. Laboratory Animal Science Association of Malaysia (LASAM)
4. Malaysian Association of Veterinary Pathology (MAVP)

Appointments (Inside and Outside UPM)

Date	Designation	Remarks
1. 1 st Jan 2004	Lecturer, UPM	
2. 1 st July 2009 - now	Senior Lecturer, UPM	
3. 2008-2012	HEAD, Unit of Pharmacology and Toxicology, Dept of Biomedical Sciences, FPSK	
4. 2018 - now	AHLI JAWATANKUASA INSTITUSI PENJAGAAN DAN PENGGUNAAN HAIWAN (IACUC) UPM	
5. 2016 - now	AHLI JAWATANKUASA INSTITUSI PENJAGAAN DAN PENGGUNAAN HAIWAN (IACUC) FPSK	
6. 2019-2023	COMMITTEE MEMBER – LABORATORY ANIMAL SCIENCE ASSOCIATION MALAYSIA (LASAM)	

Publications

Journals (in 5 years)

1. Alarabei, A.A., Abd Aziz, N.A.L., Ab Razak, N.I., Abas, R., Bahari, H., Abdullah, M.A., **Hussain, M.K.**, Majid, A.M.S.A., Basir, R. Immunomodulating Phytochemicals: An Insight Into Their Potential Use in Cytokine Storm Situations (2024) *Advanced Pharmaceutical Bulletin*, 14 (1), pp. 105-119. DOI: 10.34172/apb.2024.001
2. Ahmad Safiyyu'd-din Bin Hisamuddin, Ruth Naomi, Khairul Aiman Bin Manan, Hasnah Bahari, Fezah Othman, Hashim Embong, Amin Ismail, Qamar Uddin Ahmed, Siti Hadizah Jumidil, **Mohd Khairi Hussain**, Zainul Amiruddin Zakaria (2023). The role of lutein-rich purple sweet potato leaf extract on the amelioration of diabetic retinopathy in streptozotocin-induced Sprague–Dawley rats. *Front. Pharmacol., Sec. Predictive Toxicology*. Vol 14 - 2023 <https://doi.org/10.3389/fphar.2023.1175907>
3. Hisamuddin, Ahmad Safiyyu'd-din;Naomi, Ruth;Manan, Khairul Aiman;Bahari, Hasnah;Yazid, Muhammad Dain;Othman, Fezah;Embong, Hashim;Hadizah Jumidil, Siti; **Hussain, Mohd Khairi**; Zakaria, Zainul Amiruddin. (2023). Phytochemical component and toxicological evaluation of purple sweet potato leaf extract in male Sprague–Dawley rats. *Frontiers in Pharmacology*, Vol 14 - 2023. <https://doi.org/10.3389/fphar.2023.1132087>
4. Naomi, Ruth; Bahari, Hasnah; Yazid, Muhammad Dain; Othman, Fezah; Zakaria, Zainul Amiruddin; **Hussain, Mohd Khairi**. (2021) Potential effects of sweet potato (*Ipomoea batatas*) in hyperglycemia and dyslipidemia—A systematic review in diabetic retinopathy context. *Int. J. Mol. Sci.* **2021**, 22(19), 10816; <https://doi.org/10.3390/ijms221910816>
5. Ramatu Omenesa Bello, Maizatun Atmadini Abdullah, Roslaini Abd Majid, Voon Kin Chin, Mohammed Faruq Abd Rachman Isnadi, Zaid Osama Ibraheem, **Mohd Khairi Hussain**, Mohammed Garba Magaji & Rusliza Basir. (2019). IL35 modulation altered survival, cytokine environment and histopathological consequences during malaria infection in mice. *Malaria Journal*, 18 (434).
6. Jasmine Siew Min Chia, Ammar Izzati Amir Ramadan, Fariyah Hanani Ghazali, Siong Jiun Wong, Mohd Roslan Sulaiman, Tengku Azam Shah Tengku Mohamad, **Mohd Khairi Hussain** & Enoch Kumar Perimal. (2019). Inhibitory Effects of *Melicope ptelefolia* Extract on Compound Action Potentials in Frog Sciatic Nerves and Its Possible Mechanism of Action. *Sains Malaysiana* 48(8)(2019): 1619–1625 <http://dx.doi.org/10.17576/jsm-2019-4808-07>

Conference Proceedings (in 5 years)

1. Ahmad Safiyyu'd-din Hisamuddin, **Mohd Khairi Hussain**, Siti Hadizah Jumidil, Hasnah Bahari, Fezah Othman. Evaluation of the Effect of Lutein-Rich Purple Sweet Potato Leaves (PSPL) Extract in Ameliorating Diabetic Retinopathy in Streptozotocin-Induced Diabetes Sprague Dawley Rats. 35th Annual Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP 2022) *Journal of Clinical and Health Sciences*, Vol 7 Issue 2(Supplementary) 2022
2. Khairul Aiman Manan, Fezah Othman, **Mohd Khairi Hussain**, Hasnah Bahari. The Effect of *Ipomoea Batatas* Leaves Extract on Diabetic Dyslipidemia Induced in SpragueDawley Rats. 35th Annual Scientific Meeting of the Malaysian Society of Pharmacology and Physiology (MSPP 2022) *Journal of Clinical and Health Sciences*, Vol 7 Issue 2(Supplementary) 2022.

Books (If any)

Chapter in Books (If any)

Research Grants				
No.	Project Title	Amount (RM)	Year	Source of Fund
1.	Effect Of Lutein From Sweet Potato Leaves In Various Inflammatory And Oxidative Stress Markers In Diabetic Retinopathy Models	187,900.00	2019-2022	Ministry of Higher Education
2.	Ficus Deltoidea: Anti-Nociceptive And Anti-Inflammatory Activities, The Mechanism Of Actions.	136,600.00	2012-2014	Ministry of Higher Education
3.	Effects of topical THE (Haruan Traditional Extract) on the Psoriasis Skin Lesions: A Placebo-Controlled, Double Blind	30,000.00	2011-2013	UPM (RUGS)
4.	Pharmacological Activities Of Ficus Deltoidea Leaves And Fruits Extract	53,000.00	2007-2009	UPM (RUGS)
5.	Antinociceptive And Anti-Inflammatory Activities Of Ficus Deltoidea Leaves Extract	10,000.00	2007	UPM (NEW LECTURER SCHEME)

Awards/ Recognition (Current)				
No.	Name of awards	Award Authority	Award Type	Year
1.	PAMERAN REKACIPTA PENYELIDIKAN DAN INOVASI UPM	UPM	Bronze	2005
2.	PAMERAN REKACIPTA PENYELIDIKAN DAN INOVASI UPM	UPM	Bronze	2007
3.	PAMERAN REKACIPTA PENYELIDIKAN DAN INOVASI UPM	UPM	Bronze	2009
4.	Excellent Service Awards 2021	UPM	Perkhidmatan Cemerlang	2022

Professional Services/ Consultation			
No.	Year	Title	Authority
1.			
2.			

Student Supervision			
PhD (Main Supervisor)			
No.	Name	Title	Status
1.			
2.			
3.			



Master with Thesis (Main Supervisor)			
No.	Name	Title	Status
1.	Ahmad Safiyu'd-din Bin Hisamuddin		On-going
2.	Khairul Aiman Bin Manan		On-going
3.			

Master without Thesis (Main Supervisor)			
No.	Name	Title	Status
1.			
2.			
3.			

Attended Seminars/ Workshops/ Forums both National and International			
No.	Year	Title	Organizers
1.	2024	International Brain Research Organization-Asia Pacific Regional Council (IBRO-APRC) Supported Associate School 2024: Cerebral Organoids Model For Ageing Neurobiology Research (IBRO School 2024)	UPM, IBRO
2.	2024	1st LASAM INTERNATIONAL CONFERENCE 2024, LIC 2024	LABORATORY ANIMAL SCIENCE ASSOCIATION OF MALAYSIA (LASAM)
3.	2024	CTERM Seminar Series 5/2024 (17 th July)	CTERM UKM
4.	2024	Mouse Embryonic Stem Cell Culture and Applications: Comprehensive Symposium & Workshop 2024 (MESC 2024)	FPSK, UPM
4.	2023	MAVMA Forum 2023 on 15th July 2023	Malaysian Veterinary Medical Association (MAVMA) & UPM
5.	2023	LASAM Scientific Seminar and the 28th AGM	LABORATORY ANIMAL SCIENCE ASSOCIATION OF MALAYSIA (LASAM)

Intellectuals Property			
Patent Granted			
No.	Date	Patent No.	Name
1.			
2.			

Patent Field			
No.	Date	Patent No.	Name
1.			
2.			