

PROFILE		
1	NAME	Mathumalar Loganathan, PhD
2	ACADEMIC POSITION	Senior Lecturer, DUF 54
3	STATUS OF APPOINTMENT	Permanent
4	CITIZENSHIP	Malaysian
5	EDUCATION	PhD (Public health), Imperial College London – 2012; Bachelor of Pharmacy (Hons), University of Strathclyde UK – 2004.
6	WORKING EXPERIENCE	<ul style="list-style-type: none"> ● Senior Lecturer (DUF 54) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, Oct 2007-2016 ● Junior Lecturer (DUF 41) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, Oct 2007-2016 ● Deputy Director, Traditional and Complementary Medicine, Ministry of Malaysia
7	CURRENT ACADEMIC RESPONSIBILITIES	<ul style="list-style-type: none"> ● PHC566: Research 1 (Lecture and Supervisor) ● PHC567: Supervisor ● PHP 723: Resource person and Lecture - Pancreatitis, Cirrhosis ● PHP 718: Resource person and Lecture - Hospital and Community Pharmacy Practices ● PHP 730: Resource person and Lecture - Evidence-based Practice in Pharmacy ● PHC 691: Lecture Portal hypertension, Cirrhosis
8	RESEARCH INTERESTS/ PROJECTS	<ul style="list-style-type: none"> ● Development of a non-adherence trigger tool for older people ● A randomized control trial of home medication review by community pharmacists for older people ● Development of a clinical predictive model for cancer-associated thrombosis ● Clinical efficacy, safety, and durability of Efavirenz in first line regimen for HIV-infected individuals ● Public health pharmacy ● Geriatrics ● Pharmacoeconomics ● Health services research

		<ul style="list-style-type: none"> ● Psychiatry
<p style="text-align: center;">9 PUBLICATIONS</p>		<p>Journal publication 2019-2023</p> <p><i>Journal publication as corresponding author:</i></p> <ol style="list-style-type: none"> 1. Hamdan NE, Mathumalar Loganathan Fahrni, Lazzarino AI. COVID-19 Vaccination Prioritization Strategies in Malaysia: A Retrospective Analysis of Early Evidence. <i>Vaccines</i>. 2023 Jan;11(1). Impact factor 4.9 Q2 2. Saied AA, Dhawan M, Metwally AA, Mathumalar Loganathan Fahrni, Choudhary P, Choudhary OP. Disease history, pathogenesis, diagnostics, and therapeutics for human monkeypox disease: a comprehensive review. <i>Vaccines</i>. 2022 Dec 7;10(12):2091. 3. Mathumalar Loganathan Fahrni, Misran NF, Abidin ZZ, Chidambaram SK, Lazzarino AI. Clinical predictors of efavirenz-based regimen treatment durability: a two-year case-control study of antiretroviral-naïve patients. <i>Journal of Infection and Public Health</i>. 2022 Dec 7. Impact factor 7.5 Q1 4. Mathumalar Loganathan Fahrni, Kamaliah Md Saman, Ali Saleh Alkhoshaiban, Faiza Naimat, Farzan Ramzan, Khairil Anuar Md Isa. Patient-reported outcome measures to detect intentional, mixed, or unintentional non-adherence to medication: a systematic review. <i>BMJ open</i>. 2022 Sep 1;12(9): e057868. Impact factor 3.0 JIF Q2 5. Mathumalar Loganathan Fahrni, Choudhary OP. Possibility of vertical transmission of the human monkeypox virus. <i>International journal of surgery (London, England)</i>. 2022 Sep;105:106832. Impact factor= 13.4 Q1 6. Naimat F, Mathumalar Loganathan Fahrni, Purushothaman S, Nizam MH, Chumnumwat S, Babar ZU. Community pharmacists' perceived value on precision medicine, desired training components, and exposure during pharmacy education: Malaysia's experience. <i>Frontiers in Pharmacology</i>:3627. Impact factor= 5.9 Q1 7. Choudhary OP, Priyanka, Mathumalar Loganathan Fahrni, Metwally AA, Saied AA. Spillover zoonotic 'Langya virus': Is it a matter of concern?. <i>Veterinary Quarterly</i>. 2022 Aug 24(just-accepted):1-4. Impact factor 8.07 Q1 8. Md Khairi LN, Mathumalar Loganathan Fahrni,

		<p>Lazzarino AI. The race for global equitable access to COVID-19 vaccines. <i>Vaccines</i>. 2022 Aug;10(8):1306. Impact factor 4.96 Q2</p> <p>9. Sharma A, Mathumalar Loganathan Fahrni, Choudhary OP. Monkeypox outbreak: New zoonotic alert after the COVID-19 pandemic. <i>International Journal of Surgery (London, England)</i>. 2022 Aug 1. Impact factor= 13.4 Q1</p> <p>10. Mathumalar Loganathan Fahrni, Sharma A, Choudhary OP. Monkeypox: Prioritizing public health through early intervention and treatment. <i>International Journal of Surgery (London, England)</i>. 2022 Aug;104:106774. Impact factor 13.4 Q1</p> <p><i>Journal publication as first author:</i></p> <ol style="list-style-type: none"> 1. Mathumalar Loganathan Fahrni, Kamaliah Md Saman, Ali Saleh Alkhoshaiban, Faiza Naimat, Farzan Ramzan, Khairil Anuar Md Isa. Patient-reported outcome measures to detect intentional, mixed, or unintentional non-adherence to medication: a systematic review. <i>BMJ open</i>. 2022 Sep 1;12(9): e057868. Impact factor 3.0 JCI Q1 2. Mathumalar Loganathan Fahrni, Intan An-Nisaa' Ismail, Dalia Mohammed Refi, Ahmad Almeman, Norliana Che Yaakob, Kamaliah Md Saman, Nur Farhani Mansor, Noorasmah Noordin, Zaheer-Ud-Din Babar, 2022. Management of COVID-19 vaccines cold chain logistics: a scoping review. <i>Journal of pharmaceutical policy and practice</i>. Dec;15(1):1-4. Impact factor = 1.158 ESCI. 3. Mathumalar Loganathan Fahrni, Zubir SN, Saman KM, Misran NF, Hassan BA, Mohammed AH, Wayyes AM. Challenges of prescribing antidepressants for the elderly: a scoping review. <i>Journal of Pharmaceutical Health Services Research</i>. 2021 Nov;12(4):577-82. ESCI <p><i>Journal publication as co-author:</i></p> <ol style="list-style-type: none"> 1. Noordin ZM, Adnan NN, Usir E, Loganathan M. Quizizz for Teaching and Learning About Adherence to Antipsychotics: A Pilot Study of Students' Perception and Their Level of Knowledge. <i>Journal of Higher Education Theory and Practice</i>. 2023;23(3):120-35. 2. Chee-Yan C, Fahrni ML, Ming LC. Analysis of Students' Cognitive Presence and Perception in a
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		<p>Custom-Designed Virtual Problem Based Learning Assignment. International Journal of Emerging Technologies in Learning (Online). 2022;17(22):132.</p> <ol style="list-style-type: none"> 3. Sha'aban AB, Khan AH, Gazzali AM, Tangiisuran B, Yee CS, Chean DC, Zainal H, Ming LC, Hanafiah NH, See OG, Al-Mahmood SM et al. Proceedings Of MPS-National Pharmacists Convention 2021. 4. Alkhoshaiban A, Hassan Y, Loganathan M, Alomary M, Morisky DE, Alawwad B. Type II Diabetic Patients' Satisfaction, Medication Adherence, and Glycemic Control after the Application of Pharmacist Counseling Program. Archives of Pharmacy Practice. 2019 Oct 1;10(4). 5. UiTM Webinar Explores the Best Practices in Hospital and Community Pharmacy, QSWoWNews. March 11, 2021 6. Students' knowledge, perceptions and practice towards direct-to-consumer advertising of pharmaceuticals in Malaysia. International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science (2021) Vol 3 34-48 7. Abstracts from the Virtual Invention, Innovation and Design Pharm-IIDEx 2020. WHACK-a-MOLE. page 15. VIRTUAL PHARM-IIDEx 2020 "Expanding Frontiers Through Innovative Ideas". 17th February 2021. 8. The Impact of Disease Factor on Medication Adherence Level Among Elderly Population in Care homes. YSN-ASM International Scientific Virtual Conference (Isvc) 2021. 3/2021. 9. Abstracts from the 1st JoPPP Conference on Pharmaceutical Policy and Practice. Practice of self-medication among students in a public university. Journal of Pharmaceutical Policy and Practice. 2020. 13 (1), 1-19 10. Abstracts from the 1st JoPPP Conference on Pharmaceutical Policy and Practice. Treatment Factors Affecting Medication Adherence among Elderly Living in Long-Term Care Facilities Journal of Pharmaceutical Policy and Practice. 2020. 13 (1), 1-19 11. Abstracts from the 1st JoPPP Conference on Pharmaceutical Policy and Practice. Knowledge, Attitude and Quality of Life of Patients with Type 2 Diabetes Mellitus in Malaysia Journal of Pharmaceutical Policy and Practice. 2020. 13(1), 1-19
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		<ol style="list-style-type: none"> 12. Abstracts from the 1st JoPPP Conference on Pharmaceutical Policy and Practice. Knowledge, Attitude, Current Practice and Barriers of Kuala Lumpur Community Pharmacists towards Mental Health Care Journal of Pharmaceutical Policy and Practice. 2020. 13 (1), 1-19 13. ID 129. Safety, Efficacy and Durability of Efavirenz based First Line Regimen. 2020. Journal of Pharmacy & Bioallied Sciences :12. 14. Inappropriate prescribing defined by STOPP and START criteria and its association with adverse drug events among hospitalized older patients: A multicentre, prospective study. 2019. PloS one 14 (7) 15. Loganathan Fahrni M. et al. Relationship between Treatment Satisfaction and Adherence to Treatment among Patients with Type 2 Diabetes Mellitus in a Primary Healthcare Clinic. 2017. TJPS 41 (5th), 2019 16. Loganathan Fahrni M. et al. A Systematic Review on the Anti-Mycobacterial Activities of Plant Essential Oils. 2017. TJPS 41 (5th), 2019 17. Systematic Review of Randomized Controlled Trials on Herbs for Glycemic Control in Diabetes Mellitus. 2017. TJPS 41 (5th IPNaCS Conference Issue):29-32 18. Loganathan Fahrni M. et al. Patient satisfaction and medication adherence assessment amongst patients at the diabetes medication therapy adherence clinic. 2016. Diabetes & Metabolic Syndrome: Clinical Research & Reviews 10 (2), S139-S143 19. SE Samsuri, LP Lin, ML Fahrni. Safety culture perceptions of pharmacists in Malaysian hospitals and health clinics: a multicentre assessment using the Safety Attitudes Questionnaire. 2015. BMJ Open (11), e008889 20. Loganathan Fahrni M. et al. Improving medication safety in UK care homes: challenges and current perspective. 2014. JRSM Open 5 (2), 2042533313515475 21. Loganathan Fahrni M. Interventions to optimise prescribing in care homes: systematic review. 2011. Age and Ageing 40 (2), 150-162.
<p>10</p>	<p>RESEARCH GRANTS</p>	<ol style="list-style-type: none"> 1. Project leader. Adverse Drug Event Modelling for Elderly. Research Acculturation Grant Scheme, RM 80,000 (2014-2015) 2. Co-researcher. Adherence level of elderly population living in nursing homes RM 20,000 (2018-2020) 3. Project leader. Unravelling the genetic mechanism of

		statin-induced myopathy RM 20,000 (Dec 2021 – 2023)
11	AWARDS	<ul style="list-style-type: none"> i) Iidex 2017- Bronze ii) Pharm-IIDEx 2017 – Silver: PiMADE iii) Pharm-IIDEx 2017- Gold: MeSATE iv) Iidex 2019- Bronze v) Pharm-IIDEx 2020 – Silver: Whack-a-mole vi) IIDEx 2020 – Gold: Whack-a-mole vii) Innovation in Teaching and Learning Competition 2020 (Intelec 2020). 29th October. Hub for Innovative Teaching & Learning viii) Pharm-IIDEx 2021 – Bronze: Remdesivir, a blockbuster drug to treat Covid-19? ix) Virtual Pharm-IIDEx 2021 Bronze: Clinical Medication Review Type III E-Booklet for Malaysian Healthcare Professionals x) Iidex 2021 Gold: Covid-19 Mythbuster: a digitised visualiser to debunk myths of a blockbuster cure for Covid-19 xi) Iidex 2021 Bronze: Clinical Medication Review Type III E-Booklet for Malaysian Healthcare Professionals xii) Karnival UTEMex 2021 – Gold: Whack-a-mole:Pharmacotherapeutics made FUN xiii) Gold and Special Awards 2022. Malaysia Technolgy Expo. Covid-19 International Awards. xiv) Iidex 2022 Silver MeSATE manual and questionnaire.
12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ol style="list-style-type: none"> 1. University of Strathclyde Alumni Association (Honorary Asst Secretary) 2. Malaysia Pharmacists Society, Lifetime member 3. Malaysian Geriatrics Society, Member 4. British Graduates Association of Malaysia, Lifetime member 5. The International Institute of Knowledge Management. The 9th International Conference on Social Sciences 2022, Sri Lanka, Scientific Member 6. Royal Pharmaceutical Society of Great Britain, Fellow 7. Journal of Pharmaceutical Policy and Practice,

		<p>Editorial member.</p> <p>8. Epistata statistical agency UK, Scientific member.</p>
13	PARTICIPATION IN CONTINUING EDUCATION	<ol style="list-style-type: none"> 1. 81st FIP World Congress of Pharmacy and Pharmaceutical Sciences 24 - 28 September 2023 2. 2nd International Conference on Precision Health in Industrial Revolution 28 - 30 August 2023 3. International Conference on Pharmaceutical Research and Pharmacy Practice <i>cum</i> 14th IIUM-MPS Pharmacy Scientific Conference, Istana Hotel KL (ICPRP 2019), 19-20th October 2019 4. 1st JoPPP Conference on Pharmaceutical Policy and Practice Research, 28-29th August 2019, Concorde Hotel, Shah Alam 5. The 6th ICPAPS – The 3rd ASEAN PharmNET 2019, 14-15th November 2019, Yogyakarta, Indonesia 6. International Conference on Pharmacy Practice (iCoPP), 27-28 July 2018 7. 5th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Sciences, Bangkok Thailand 3-4 August 2017 8. 11th International Conference on Pharmacoepidemiology and Clinical Research, Malaysia 2-3 October 2017 Kuala Lumpur Malaysia 9. The 2nd International Conference On Pharmacy Education and Research Network of ASEAN (ASEAN PharmNET 2017) 21-22 November 2017, Kuala Lumpur Malaysia 10. 4th International Conference on Science and Social Research 2017, 6-7 Disember 2017, Melaka, Malaysia 11. Chair and Moderator. Hospital and Community Pharmacy Practices HCPP Webinar. 20th & 21st January 2021 12. Chair and Moderator. Pharmacy Perspectives on Covid-19 Vaccinatio 13. National Pharmacist Convention 2022
14	COMMUNITY SERVICES	<ol style="list-style-type: none"> 1. Eco and Environmental effort (Kelab Pencinta Alam) 2. Pure Life Society (Women 's wing)

		<ol style="list-style-type: none">3. Vaccination voluntary healthcare worker4. Online consultation of Doc2Us Covid-19 Task Force5. B40 Food Aid Foundation 20226. Blood Donation Drive 2023
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