

<b>PROFILE</b>		
<b>1</b>	<b>NAME</b>	KAPT DR. JOHN SHIA KWONG SIEW
<b>2</b>	<b>ACADEMIC POSITION</b>	SENIOR LECTURER
<b>3</b>	<b>STATUS OF APPOINTMENT</b>	PERMANENT
<b>4</b>	<b>CITIZENSHIP</b>	MALAYSIAN
<b>5</b>	<b>EDUCATION</b>	PhD (Molecular Biology), Universiti Putra Malaysia – 2009 Doctor of Veterinary Medicine, Universiti Putra Malaysia-2002
<b>6</b>	<b>WORKING EXPERIENCE</b>	<ul style="list-style-type: none"> <li>● Senior Lecturer, Faculty of Pharmacy, Universiti Teknologi MARA Cawangan Selangor, Kampus Puncak Alam, 1 Dec 2010 – present.</li> </ul>
<b>7</b>	<b>CURRENT ACADEMIC RESPONSIBILITIES</b>	<ul style="list-style-type: none"> <li>● <b>Resource Person for:</b> PHC667 Introduction to Veterinary Pharmacy.</li> <li>● <b>Teaching Subjects for:</b> PHC411 Anatomy and Physiology PHC410 Pharmaceutical Biostatistics PHC667 Introduction to Veterinary Pharmacy PHC429 Pharmaceutical Biochemistry PHC451 Principles of Pathology PHC564 Pharmaceutical Biotechnology PHC566 and PHC567 Research I &amp; II</li> </ul>
<b>8</b>	<b>RESEARCH INTERESTS/ PROJECTS</b>	<ul style="list-style-type: none"> <li>● Lipid Research</li> <li>● Immunomodulation</li> <li>● Cell signaling</li> </ul>
<b>9</b>	<b>PUBLICATIONS</b>	<p><b>Journal articles</b></p> <ol style="list-style-type: none"> <li>1. Annuar, N.A., Shia, J.K.S., Yob, N.J., Zakaria, Y. and Hussin, S.N., 2023. Caffeine Intake and Its Association with Mental Health Status among Pharmacy Students at UiTM Puncak Alam. Malaysian Journal of Medicine &amp; Health Sciences, 19(3). [Q4, IF:0.14]</li> <li>2. Idris, C.A.C., Kim-Tiu, T., Mutalip, S.S.M. and Shia, J.K.S., 2023. Effects of Chemically Interesterified Palm Olein on Lipid Profiles in Hamsters. Malaysian Journal of Medicine &amp; Health Sciences, 19(2). [Q4, IF:0.14]</li> <li>3. Awang, A. B. C., Mutalip, S. S. M., Mohamed, R., Nordin,</li> </ol>

		<p>M., Shia, J.K.S, &amp; Dasiman, R. (2022). A Review of the Effects of Vitamin E in Ovarian Cancer. <i>International Journal of Pharmaceutical Research &amp; Allied Sciences</i>, 11(2). [IF:0.14]</p> <p>4. Mutalip, S. S. M., Nordin, M., Mohamed, R., &amp; Shia, J. K.S. (2021). Vitamin E and Polycystic Ovary Syndrome: A Review on the Reported Clinical Trial. <i>Pharmacophore</i>, 12(3), 60-63 [IF:2.16]</p> <p>5. Nazarbahjat, N., Ariffin, A., Abdullah, Z., Abdulla, M. A., Shia, J. K. S., &amp; Leong, K. H., 2016. Synthesis, characterization, drug-likeness properties and determination of the in vitro antioxidant and cytotoxic activities of new 1, 3, 4-oxadiazole derivatives. <i>Medicinal Chemistry Research</i>, 25(9), 1-15. [IF:1.436]</p> <p>6. Sivasothy, Y., Zachariah, C. C. K., Leong, K. H., Shia, J. K. S., Ibrahim, H., &amp; Awang, K. (2014). A novel heptacyclic diterpene from <i>Alpinia pahangensis</i> Ridley, a wild ginger endemic to Malaysia. <i>Tetrahedron Letters</i>, 55(45), 6163-6166. doi: <a href="http://dx.doi.org/10.1016/j.tetlet.2014.08.115">http://dx.doi.org/10.1016/j.tetlet.2014.08.115</a> [2.391]</p> <p>7. S. Hamzah, L.K. Teh, J.K.S. Shia, G. Ahmad, H.S. Wong, Z.A. Zakaria AND M.Z. Salleh. Pharmacogenotyping of Cyp3a5 and mRNA transcript copy number of ABCB1 in predicting Tacrolimus dose-adjusted through levels among kidney transplant patients. <i>Canadian Journal of Physiology and Pharmacology</i> 2014, 92(1), 50-57. [IF = 1.953]</p> <p>8. Teh LK, Hamzah S, Hashim H, Zakaria Bannur, Zakaria ZA, Hasbullani Z, Shia JKS, Fijeraid H, Azmi MN, Zailani MH, Ramasamy P, H Ngow, Sood Suneet, MZ Salleh. Potential of Dihydropyrimidine Dehydrogenase Genotypes (Dpyd) in Personalizing 5-Fluorouracil (5-Fu) Therapy among Colorectal Cancer Patients. <i>Therapeutic Drug Monitoring</i> 2013, 35 (5), 624-630. [IF:2.49]</p> <p>9. L.K. Teh, N.I. Mohamed, M.Z. Salleh, M. Rohaizak, N.S. Shahrin, J.J. Saladina, Shia, JKS, H. Roslan, S. Sood, T.S. Rajoo, S.P. Muniandy, G. Henry, H.A. Ngow, U. K.T. Hla and J. Din. The Risk of Recurrence in Breast Cancer Patients Treated with Tamoxifen: Polymorphisms of CYP2D6 and ABCB1. <i>The AAPS Journal</i> 2012 14(1) [IF = 5.086]</p> <p><b>Books</b></p> <p>1. Ahmad Rohi Ghazali, Anisah Nordin, Asmah Hamid, Mahanem Mat Noor, Hassan Haji Mohd. Daud, Mohd Hafiz Safiai, John Shia Kwong Siew, Kamisah Yusof, Khairul Osman, Low Kiat Cheong, Mohd Hanafi Ahmad Damanhuri, Norazrina Azmi, Nur Azlina Mohd Fahami, Siti Balkis Budin, Siti Fatimah Ibrahim, Tay Sun Tee, Vivian Jacob Gomez,</p>
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		<p>Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</p> <ol style="list-style-type: none"> <li>4. ES Rosli, NI Mohamed, MZ Salleh, JKS Shia, M Rohaizak, NS Shahrin, JJ Saladina, H Roslan, TP Hennessy, LK Teh, 2012. Metabolites Profile of Tissue and Plasma in Breast Cancer Patients Using Metabolomic Approach: Role of Eicosanoid Metabolism; P25. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>5. Z Bannur, H Hashim, MZ Salleh, TP Hennessy, JKS Shia, Azmi MN, Zailani MH, Ramasamy P, ZA Zakaria, LK Teh, 2012. Identifying Potential Biomarkers for Colorectal Cancer Using Metabolomics Approach p.41. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>6. A Derahman, MZ Salleh, O Maskon, NJ Abdul Jalil, RN Che Omar, MI Ismail, ES Rosli, M Nornazliya, MS Rofiee, Z Bannur, TP Hennessy, JKS Shia, LK Teh, 2012. Search of Serum Markers for Aspirin Resistance in Cardiovascular Disease (CVD) Patients Using Metabolomics Approach. P 42. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>7. MS Rofiee, MI Ismail, ES Rosli, JKS Shia, MZ Salleh, ZA Zakaria, TP Hennesy, LK Teh, 2012. Alteration of Metabolite Profile in Acetaminophen Induced Hepatotoxic Rats P.45. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>8. MR Muda, S Hamzah, JKS Shia, LK Teh, MZ Salleh Genetic Polymorphism of CYP3A4*18 and CYP3A5*3 in Malaysian Kidney Transplant Patients P.59. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>9. NJ Abdul Jalil, MZ Salleh, O Maskon, A Derahman, RN Che Omar, H Zakaria, JKS Shia, LK Teh, 2012. The Implication of the Polymorphism of UGT1A6 among Cardiovascular Disease (CVD) Patients Treated with Aspirin P60. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>10. RN Che Omar, NJ Abdul Jalil, A Derahman, H Zakaria, O Maskon, JKS Shia, MZ Salleh, LK Teh, 2012. Genetic polymorphism of CYP2C19 among the Cardiovascular Patients of Three Ethnic Groups in Malaysia. P61. 4th Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> </ol> <p>Other Publications</p> <ol style="list-style-type: none"> <li>1. Shia, JKS, Kamalia Shahira K, Nurul Azmiah A, Hatta FHM, Noorden MSA, Syairah SMM, Othman AA, Yusoff RM, Mohamed R, Jalaludin N, Nordin A, 2019. Evaluating the</li> </ol>
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		<p>Usability of Expired DNA Ladder in Medical Application. 10th Medical Undergraduate Annual Scientific Research Meeting (MUASRM) 14(1):74</p> <ol style="list-style-type: none"> <li>2. JKS, Shia. 2011. Selective Apoptosis in Colon Cancer Cells using VP3 Gene. In: Colloquium on Pharmaceutical Science. 2011. As invited speaker.</li> <li>3. JKS, Shia, 2009. Enhancement of Tumour Regression in Vp3-Based Gene Therapy in Combination with Immunomodulators. Doctor of Philosophy, Universiti Putra Malaysia.</li> <li>4. Shia, J. K. S., Mohd Azmi, M. L., Bahaman, A. R. &amp; Mohd Zamri, S. Year. Combinatorial Gene Therapy for the Treatment of Cancer. In: Colloquium on Viruses of Veterinary and Public Health Importance, 2005. 133.</li> <li>5. Hayati, Z., Suria, M. S., Shia, J. K. S., Mohd Azmi, M. L., Rasedee, A. &amp; Bahaman, A. R. Year. Enhanced Elimination of Cancer Cells by pVP22/myc-His-VP3 intracellular Protein Transport. . In: Colloquium on Viruses of Veterinary and Public Health Importance, 2005. 186</li> <li>6. Suria, M. S., Hayati, Z., Shia, J. K. S., Mohd Azmi, M. L., Rasedee, A. &amp; Mohd Zamri, S. Year. A Recombinant Retrovirus Expressing the VP3 Gene of CAV Effectively killed Cancer Cells. In: Colloquium on Viruses of Veterinary and Public Health Importance, 2005. 188.</li> <li>7. Mohd Azmi, M. L., Shia, J. K. S., Hayati, Z., Suria, M. S., Lim, S. N. &amp; Jafri, A. M. 2004. REVIEW ARTICLE-Cell Targeting in Anti-Cancer Gene Therapy. Malaysian Journal of Medical Sciences, 11, 9-23.</li> </ol>
10	RESEARCH GRANTS	<ol style="list-style-type: none"> <li>1. Molecular mechanism of bruceine E involved in the attenuation of blood glucose in induced diabetic rats. 2019-2022. FRGS RM10100. Co-Researcher.</li> <li>2. Deciphering the Role of Palm Oil as Non-atherogenic Saturated Fat. 2019-2023. FRGS RM115200. <b>Principal Investigator.</b></li> <li>3. Investigating the genetic polymorphism of human glucocorticoid receptor (hGR) and its impact on obesity- A pilot study. RIF, UiTM. 2012-2014. RM32000. <b>Principal Investigator.</b></li> <li>4. Unraveling the genetic variation of human glucocorticoid receptor (hGR) and its impact on regulation of lipid metabolism. RAGS, MOE 2012-2014. RM80000. <b>Principal Investigator.</b></li> <li>5. Understanding the pathophysiology underlying obesity using metabolomics approach. RAGS, MOE. 2012-2014. RM80000. Co-Researcher.</li> </ol>

		<ol style="list-style-type: none"> <li>6. Elucidating the modulation of antidiabetic targets by rare Triterpenoids from <i>Aglalai Malaccensis</i> Pannel. PPGP, UM. 2013-2014. RM49000. Co-researcher.</li> <li>7. Metagenomics and metabolomics analysis of human gut microbiota: Evaluation of the predisposing mechanisms and probiotic effect on obesity. FRGS, MOE. 2012-2015. RM194350. Co-researcher.</li> <li>8. Immunomodulatory activities of Malaysian honey on mast cell degranulation and in an ovalbumin(OVA)-induced model of allergic asthma. ERGS, MOE. 2012-2015. RM110000. Co-researcher.</li> <li>9. Dissecting the molecular mechanisms of <i>Garcinia atroviridis</i> in transgenerational inheritance of epigenetics in obesity. FRGS, MOE. 2013-2015. RM150000. Co-researcher.</li> </ol>
11	AWARDS	<ol style="list-style-type: none"> <li>1. <b>Silver Award</b>. Educational Design, Games, Invention, and Innovation 2022 (EDGII 2022). UiTM Cawangan Johor.</li> <li>2. <b>Silver Medal</b>, Massive Open Online Course Competition, UiTM Shah Alam. Introduction to Veterinary Pharmacy. 2021 UiTM Shah Alam.</li> <li>3. <b>Bronze Medal</b>, Innovation and Design Exposition 2021, UiTM Shah Alam. Anti-Mullerian Hormone (AMH) Rapid Self-test Kit.</li> <li>4. <b>Silver Medal</b>, Invention, Innovation and Design Exposition 2020, UiTM Shah Alam. Oocyte collection kit.</li> <li>5. <b>Silver Medal</b>, Invention, Innovation and Design Exposition 2019, UiTM Shah Alam. Economy MyCO<sub>2</sub> Chamber for Rodents.</li> <li>6. <b>Gold Medal</b>, International Business, Invention, Innovation and Design Competition 2016, UiTM Shah Alam. NR3C1 Kit for personalised detection of rs6194 C&gt;T single nucleotide polymorphism (SMNP) in Human Subject.</li> <li>7. <b>Bronze Medal</b>, Invention, Innovation and Design Exposition 2014, UiTM Shah Alam. Hotel Rodentia.</li> <li>8. <b>Gold Medal</b>, Innovation and Design Competition 2013, UiTM Shah Alam. PROMISE PM-Kit for the detection of <i>Proteus mirabilis</i>.</li> <li>9. <b>Silver Medal</b>, Innovation and Design Competition (IID2), 2011. Bio-engineering of a human cytochrome P450 3A4 gene in <i>Escherichia coli</i>: an <i>in vitro</i> tool for drug metabolism.</li> </ol>

12	<p><b>INVOLVEMENT IN PROFESSIONAL ORGANISATIONS</b></p>	<ol style="list-style-type: none"> <li>1. Editor for Jurnal Veterinar Malaysia, since 2018.</li> <li>2. Vice President of Malaysian Metabolomics Society, Since 2020.</li> <li>3. Honorary Treasurer, Laboratory Animal Science Association of Malaysia (LASAM), since 2017.</li> <li>4. Honorary Editor, Laboratory Animal Science Association of Malaysia (LASAM), since 2015-2017.</li> <li>5. Panel member of Animal Ethics Committee, Universiti Kebangsaan Malaysia (UKMAEC), since 2011.</li> <li>6. Panel member of Animal Ethics Committee, Forest Research Institute, since 2019.</li> <li>7. Panel member of Animal Ethics Committee, Nuklear Malaysia, Since 2020.</li> <li>8. Panel member of Ethics Committee, Tunku Abdul Rahman University of Management and Science (TAR UMT), since 2020.</li> <li>9. Life member, Life Saving Society Malaysia (LSSM)</li> </ol>
13	<p><b>COMMITTEE MEMBERS OF CONFERENCES/ SEMINARS/ WORKSHOPS</b></p>	<ol style="list-style-type: none"> <li>1. <b>Programme and Scientific Committee.</b> 2<sup>nd</sup> International Conference on Precision Health in Industrial Revolution (iC-PHIR 2023) 26-27 August 2023.</li> <li>2. <b>Speaker.</b> 18<sup>th</sup> Workshop on Laboratory Rodents (Rats and Mice) Care and Use at LAFAM Faculty of Pharmacy. 28<sup>th</sup> - 13-14 Jun 2023. National.</li> <li>3. <b>Speaker.</b> 17<sup>th</sup> Workshop on Laboratory Rodents (Rats and Mice) Care and Use at LAFAM Faculty of Pharmacy. 7-8 Mac 2023. National.</li> <li>4. <b>Speaker.</b> Undergraduates Workshop on Laboratory Rodents (Rats and Mice) Care and Use at LAFAM Faculty of Pharmacy. 28<sup>th</sup> -29<sup>th</sup> Jun 2022. Faculty of Pharmacy.</li> <li>5. <b>Chairman.</b> LASAM Scientific Seminar and 27<sup>th</sup> AGM at the Concorde Hotel, Kuala Lumpur. 29<sup>th</sup> Sep 2022. National.</li> <li>6. <b>Speaker.</b> Workshop on Laboratory Rodents (Rats and Mice) Care and Use at LAFAM Faculty of Pharmacy. 28<sup>th</sup> - 29<sup>th</sup> Jun 2022.National.</li> <li>7. <b>Speaker.</b> MOOC Workshop &amp; Sharing Sessions: Completing MOOC on Time, organised by the Faculty of Pharmacy, UiTM. 22<sup>nd</sup> Apr 2022. National.</li> <li>8. <b>Moderator.</b> E-learning Workshop: Game-based learning, organised by the Faculty of Pharmacy, UiTM. 15<sup>th</sup> Mar 2022. National.</li> </ol>

		<p><b>9. Speaker and Facilitator.</b> Workshop on Laboratory Rodents (Rats and Mice) Care and Use at LAFAM Faculty of Pharmacy. 22<sup>nd</sup> -23<sup>rd</sup> Feb 2022. National.</p> <p><b>10. Chairman.</b> LASAM Scientific Seminar &amp; 25<sup>th</sup> AGM at the Concorde Hotel, Kuala Lumpur. 29<sup>th</sup> Sep 2020. National.</p> <p><b>11. Treasurer.</b> LASAM Scientific Seminar &amp; 24<sup>th</sup> AGM at the Palm Garden Hotel Putrajaya. 27<sup>th</sup> Aug 2019. National.</p> <p><b>12. Treasurer.</b> LASAM Scientific Seminar &amp; 23<sup>rd</sup> AGM at the Hotel Bangi-Putrajaya. 20<sup>th</sup> Sep 2018.</p> <p><b>13. Protocol Bureau.</b> Pharm-IIDEX 2018, organized by the Faculty of Pharmacy, UiTM. 3<sup>rd</sup> Aug 2018. University.</p> <p><b>14. Treasurer.</b> 2<sup>nd</sup> LASAM Workshop on IACUC &amp; 6<sup>th</sup> National Conference on Laboratory Animal Science (NCLAS) at Avenue Garden Bangi Hotel. 30<sup>th</sup> July- 2<sup>nd</sup> Aug 2018. National.</p> <p><b>15. Treasurer and Facilitator.</b> Pain Workshop, organised by Laboratory Animal Science Association of Malaysia at Pusat Kembangan Pendidikan, UKM. 10<sup>th</sup> -11<sup>th</sup> July 2019. National.</p> <p><b>16. Head of Jury.</b> Three Minute Thesis Competition.</p> <p><b>17. Speaker.</b> 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Laboratory Animal Workshop, organised by Faculty of Pharmacy UiTM, 2015.</p>
14	<p><b>PARTICIPATION IN CONTINUING EDUCATION</b></p>	<p><b>Conferences attended:</b></p> <p>1) <b>JKS Shia</b>, and CAC Idris, 2018. Presenter. Chemically Inter-esterified Palm Olein Has Comparable Lipid Profile with High Oleic Sunflower Oil. International Conference on Science, Technology, and Social Science (ICSTSS) 2018, Vistana Hotel, Pulau Pinang. 3-4 Nov 2018.</p> <p>2) <b>JKS Shia</b>, and H Siti Nooraishah, 2016. Presenter. Screening of Adenomatous Polyposis Coli (APC) Gene Polymorphism using Allele Specific Polymerase Chain Reaction (ASPCR) Method. Regional Conference on Science, Technology, and Social Science (RCSTSS) 2016, Copthorne Hotel, Cameron Highlands. 4-6 Dec 2016.</p> <p>3) <b>JKS Shia</b>, C Kerine, LK Teh, MZ Salleh, H Siti Nooraishah, I IsmaNura'in, AW Nur Jalinna, 2014. Presenter. Genotyping the exon 10 of low-density lipoprotein receptor: Discovery of new single nucleotide polymorphism. Regional Conference on Science, Technology, and Social Science</p>



		<p>(RCSTSS) 2014, Copthorne Hotel, Cameron Highlands. 23-25 Nov 2014.</p> <p>4) <b>JKS Shia</b>, LK Teh, MS Rofiee, MI Ismail, ES Rosli, MZ Salleh, ZA Zakaria, TP Hennesy, 2012. Differential Expression of Metabolite Profiles in Acetaminophen and Carbon Tetrachloride Induced Hepatotoxic Rats: Signature for Hepatotoxicity (Poster Presentation). 5<sup>th</sup> Congress of Asean Federation of Laboratory Animal Science, Bangkok International Trade and Exhibition Centre, 10-12 October 2012.</p>
<b>14</b>	<b>COMMUNITY SERVICES</b>	<ul style="list-style-type: none"> <li>• Platoon Commander of 502 Malaysian Territorial Army Regiment.</li> <li>• Rank: Captain.</li> </ul>