

<b>PROFILE</b>		
<b>1</b>	<b>NAME</b>	LT 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 (DM51), 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>Coordinator for:</b> PHC667 Introduction to Veterinary Pharmacy.</li> <li><b>Lecturer/Tutor for:</b>            BIO511 Genetics            BIO560 Animal Physiology            PHC450 Pharmaceutical Immunology            PHC411 Anatomy and Physiology            PHC425 Biostatistics and Calculus            PHC667 Introduction to Veterinary Pharmacy            PHC429 Pharmaceutical Biochemistry            PHC451 Principles of Pathology            PHC555 and PHC556 Research I &amp; II            PH990 Doctoral Research            PH780 Master Research         </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>	<b>Journal articles</b> 1. Nazarbahjat, N., Ariffin, A., Abdullah, Z., Abdulla, M. A., <b>Shia, J. K. S.</b> , & 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]

	<ol style="list-style-type: none"> <li>2. Sivasothy, Y., Zachariah, C. C. K., Leong, K. H., <b>Shia, J. K. S.</b>, 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]</li> <li>3. S. Hamzah, L.K. Teh, <b>J.K.S. Shia</b>, 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> <b>2014</b>, 92(1), 50-57. [IF = 1.953]</li> <li>4. Teh LK, Hamzah S, Hashim H, Zakaria Bannur, Zakaria ZA, Hasbullani Z, <b>Shia JKS</b>, 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> <b>2013</b>, 35 (5), 624-630. [IF:2.49]</li> <li>5. L.K. Teh, N.I. Mohamed, M.Z. Salleh, M. Rohaizak, N.S. Shahrin, J.J. Saladina, <b>Shia, JKS</b>, 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 <i>CYP2D6</i> and <i>ABCB1</i>. <i>The AAPS Journal</i> <b>2012</b> 14(1) [IF = 5.086]</li> </ol> <p><b>Chapters in Book</b></p> <ol style="list-style-type: none"> <li>1. Hussin, S. N., &amp; <b>Shia, J. K. S.</b> (2018). Screening of Adenomatous Polyposis Coli (APC) Gene Polymorphism Using Allele-Specific Polymerase Chain Reaction (ASPCR) Method. In Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016) (pp. 679-684). Springer, Singapore.</li> <li>2. <b>Shia, J. S. K.</b>, Kerine, C., Teh, K. L., Salleh, M. Z., Hussin, S. N., Ismail, I. N., &amp; Wahab, N. A. (2016). Genotyping the Exon 10 of Low-Density Lipoprotein Receptor: Discovery of New Single Nucleotide Polymorphism. In Regional Conference on Science, Technology and Social Sciences (RCSTSS 2014)(pp. 541-547). Springer, Singapore.</li> <li>3. <b>Shia, J.S.K.</b>, Kerine, C., Teh, K.L., Salleh, M.Z., Hussin, S.N., Ismail, I.N. and Wahab, N.A., 2016. Genotyping the Exon 10 of Low-Density Lipoprotein Receptor: Discovery of New Single Nucleotide Polymorphism. In <i>Regional Conference on Science, Technology and Social Sciences (RCSTSS 2014)</i> (pp. 541-547). Springer Singapore.</li> </ol> <p><b>Proceedings</b></p> <ol style="list-style-type: none"> <li>1. S Hamzah, <b>JKS Shia</b>, G Ahmad, HS Wong, TP Hennessy, LK Teh, MZ Salleh, 2012. Metabolites Profile of Tissue and Plasma in Breast Cancer Patients Using Metabolomic</li> </ol>
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	<p>Approach: Role of Eicosanoid Metabolism; P20. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</p> <ol style="list-style-type: none"> <li>2. ES Rosli, NI Mohamed, MZ Salleh, <b>JKS Shia</b>, 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. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>3. Z Bannur, H Hashim, MZ Salleh, TP Hennessy, <b>JKS Shia</b>, Azmi MN, Zailani MH, Ramasamy P, ZA Zakaria, LK Teh, 2012. Identifying Potential Biomarkers for Colorectal Cancer Using Metabolomics Approach p.41. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>4. A Derahman, MZ Salleh, O Maskon, NJ Abdul Jalil, RN Che Omar, MI Ismail, ES Rosli, M Nornazliya, MS Rofiee, Z Bannur, TP Hennessy, <b>JKS Shia</b>, LK Teh, 2012. Search of Serum Markers for Aspirin Resistance in Cardiovascular Disease (CVD) Patients Using Metabolomics Approach. P 42. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>5. MS Rofiee, MI Ismail, ES Rosli, <b>JKS Shia</b>, MZ Salleh, ZA Zakaria, TP Hennesy, LK Teh, 2012. Alteration of Metabolite Profile in Acetaminophen Induced Hepatotoxic Rats P.45. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>6. MR Muda, S Hamzah, <b>JKS Shia</b>, LK Teh, MZ Salleh Genetic Polymorphism of <i>CYP3A4*18</i> and <i>CYP3A5*3</i> in Malaysian Kidney Transplant Patients P.59. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>7. NJ Abdul Jalil, MZ Salleh, O Maskon, A Derahman, RN Che Omar, H Zakaria, <b>JKS Shia</b>, LK Teh, 2012. The Implication of the Polymorphism of <i>UGT1A6</i> among Cardiovascular Disease (CVD) Patients Treated with Aspirin P60. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> <li>8. RN Che Omar, NJ Abdul Jalil, A Derahman, H Zakaria, O Maskon, <b>JKS Shia</b>, MZ Salleh, LK Teh, 2012. Genetic polymorphism of <i>CYP2C19</i> among the Cardiovascular Patients of Three Ethnic Groups in Malaysia. P61. 4<sup>th</sup> Australasian Symposium and Workshop. UPENA Universiti Teknologi MARA.</li> </ol>
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		<p><b>Other Publications</b></p> <ol style="list-style-type: none"> <li>1. <b>JKS, Shia.</b> 2011. Selective Apoptosis in Colon Cancer Cells using VP3 Gene. In: Colloquium on Pharmaceutical Science. 2011. As invited speaker.</li> <li>2. <b>JKS, Shia,</b> 2009. Enhancement of Tumour Regression in Vp3-Based Gene Therapy in Combination with Immunomodulators. Doctor of Philosophy, Universiti Putra Malaysia.</li> <li>3. <b>Shia, J. K. S.,</b> 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>4. Hayati, Z., Suria, M. S., <b>Shia, J. K. S.,</b> 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>5. Suria, M. S., Hayati, Z., <b>Shia, J. K. S.,</b> 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>6. Mohd Azmi, M. L., <b>Shia, J. K. S.,</b> 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>
<b>10</b>	<b>RESEARCH GRANTS</b>	<ol style="list-style-type: none"> <li>1. Deciphering the Role of Palm Oil as Non-atherogenic Saturated Fat. 2019-2021. FRGS RM115200. <b>Principal Investigator.</b></li> <li>2. 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>3. 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>4. Understanding the pathophysiology underlying obesity using metabolomics approach. RAGS, MOE. 2012-2014. RM80000. Co-Researcher.</li> <li>5. Elucidating the modulation of antidiabetic targets by rare Triterpenoids from Aglalai Malaccensis Pannel. PPGP, UM. 2013-2014. RM49000. Co-researcher.</li> </ol>

		<ol style="list-style-type: none"> <li>6. 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>7. 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>8. 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 Medal</b>, Invention, Innovation and Design Exposition 2019, UiTM Shah Alam. Economy MyCO<sub>2</sub> Chamber for Rodents.</li> <li>2. <b>Silver Medal</b>, Massive Open Online Course Competition, UiTM Shah Alam. Introduction to Veterinary Pharmacy. 2018 UiTM Shah Alam.</li> <li>3. <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>4. <b>Bronze Medal</b>, Invention, Innovation and Design Exposition 2014, UiTM Shah Alam. Hotel Rodentia.</li> <li>5. <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>6. <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	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ol style="list-style-type: none"> <li>1. Editor for Jurnal Veterinar Malaysia, since 2018.</li> <li>2. Honorary Treasurer, Laboratory Animal Science Association of Malaysia (LASAM), since 2017.</li> <li>3. Honorary Editor, Laboratory Animal Science Association of Malaysia (LASAM), since 2015-2017.</li> <li>4. Panel member of Animal Ethics Committee, Universiti Kebangsaan Malaysia (UKMAEC), since 2011.</li> <li>5. Panel member of Animal Ethics Committee, Forest Research Institute, since 2019.</li> <li>6. Life member, Life Saving Society Malaysia (LSSM)</li> </ol>

13	PARTICIPATION IN CONTINUING EDUCATION	<p><b>Conferences attended:</b></p> <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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 (RCSTSS) 2014, Copthorne Hotel, Cameron Highlands. 23-25 Nov 2014.</li> <li>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.</li> <li>5) Speaker for 1<sup>st</sup> , 2<sup>nd</sup> , and 3<sup>rd</sup> Laboratory Animal Workshop, organized by Faculty of Pharmacy UiTM, 2015.</li> </ol>
14	COMMUNITY SERVICES	Platoon Commander of 502 Malaysian Territorial Army Regiment. Rank: Lieutenant.