

	<b>PROFILE</b>	
<b>1</b>	<b>NAME</b>	<b>HANISH SINGH JAYASINGH CHELLAMMAL (DR)</b>
<b>2</b>	<b>ACADEMIC POSITION</b>	ASSOCIATE PROFESSOR
<b>3</b>	<b>STATUS OF APPOINTMENT</b>	CONTRACT (FULL TIME)
<b>4</b>	<b>CITIZENSHIP</b>	INDIA
<b>5</b>	<b>EDUCATION</b>	<p>PhD (Pharmaceutical Sciences, 2008- 2012) Jawaharlal Nehru Technological University, Hyderabad, India</p> <p>Master of Pharmacy (Pharmacology, 2005-2007), The TN Dr. MGR Medical, University, Chennai, India</p> <p>Bachelor of Pharmacy (2004) The TN Dr. MGR Medical University, Chennai, India <b>(Registered Pharmacist)</b></p>
	<b>CERTIFICATION</b>	Certificate Course in Laboratory Animal Science, Federation of European Union of Laboratory Animal Science Association, 1050 Ixelles, Belgium, June 2024.
<b>6</b>	<b>WORKING EXPERIENCE</b>	<p><b>18 YEARS (TEACHING / RESEARCH)</b></p> <p><b>Present Job Description/Experience</b></p> <ul style="list-style-type: none"> <li>• Associate professor, Department of Pharmaceutical Pharmacology and Chemistry, Faculty of Pharmacy University Technology MARA (UiTM), March 2020 to Present.</li> <li>• Coordinator, CPD, Faculty of Pharmacy University Technology MARA (UiTM), March 2022 to Present.</li> <li>• Associate Member, Research Ethics Committee, Faculty of Pharmacy, UiTM, April 2025 to Present.</li> <li>• Vetting Committee for Exam Papers, Department of Pharmaceutical Pharmacology and Chemistry, Faculty of Pharmacy, University Technology MARA (UiTM), March 2020 to Present.</li> <li>• Member, Research Group, Brain Degeneration and Therapeutics Investigation, 2022 to present.</li> <li>• Associate Member, Research Initiative Group, Group for affinity, safety and efficacy studies, 2022- present</li> <li>• Curriculum review committee member, Bachelor of Pharmacy (HONS), Faculty of Pharmacy, 2025</li> <li>• Curriculum review committee member, Masters/PhD program, Faculty of Pharmacy, UiTM.</li> <li>• Member, Internationalization Committee, Faculty of Pharmacy, UiTM</li> </ul>

		<ul style="list-style-type: none"> <li>• Editorial board member, International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science (IJPNaCS)</li> <li>• Examiner for PhD/ Master's students</li> </ul> <p><b><u>Past Experience</u></b></p> <ul style="list-style-type: none"> <li>• Head of the Department (Pharmacology), School of Pharmacy, KPJ Healthcare University, Nilai, Malaysia (January 2013 to March 2020)</li> <li>• Coordinator for Post Graduate Studies (Master of Sciences in Pharmaceutical Technology), School of Pharmacy, KPJ Healthcare University, Nilai, Malaysia (July 2014 to March 2020).</li> <li>• Coordinator for Research and Innovation, School of Pharmacy, KPJ Healthcare University, Nilai, Malaysia (September 2014 to March 2020)</li> <li>• Institutional Animal Ethical Committee member, KPJ Healthcare University, Nilai, Malaysia, September 2014 to December 2018</li> <li>• Member, External Linkages, Centre for Excellence in Pharmaceutical Sciences, KPJ Healthcare University College, Nilai Malaysia (June 2019 to March 2020)</li> <li>• Assoc. Professor in Pharmacology, School of Pharmacy, Anurag group of institutions, Hyderabad, India (Sep 2010 to Sep 2012)</li> <li>• Assistant Professor in Pharmacology, MNR Medical College, Hyderabad, India (January 2007-Sep 2010).</li> </ul>
7	<b>CURRENT ACADEMIC RESPONSIBILITIES</b>	<p><b>Resource Person:</b>  <b>PHC461- Principles of Pharmacology</b></p> <p><b>Lecturer, teaching team.</b>            PHC526 (Central Nervous System and Pharmacotherapeutics)            PHC473 (Endocrine, Reproductive System and Pharmacotherapeutics)            PHC502 (Respiratory &amp; Renal System &amp; Pharmacotherapeutics)</p>
8	<b>RESEARCH INTERESTS/ PROJECTS</b>	<ul style="list-style-type: none"> <li>• Alzheimer's Disease</li> <li>• Neuroscience/ Neurodegeneration</li> <li>• Pre-Clinical drug discovery</li> <li>• Pharmacological &amp; Toxicological screening</li> </ul>
9	<b>PUBLICATIONS</b>	<p>1. Z. Cheng, A.K. Janakiraman, R. Sundarapandian, S. Djearmane, <b>H.S. Jayasingh Chellammal</b>, H.N. Ahamed, S. Kayarohanam, Precision engineering of vinblastine-loaded zinc oxide nanoparticles through statistical experimental design, Nano-Structures and Nano-Objects. 42 (2025) 101472.  <a href="https://doi.org/10.1016/j.nanoso.2025.101472">https://doi.org/10.1016/j.nanoso.2025.101472</a>.</p>

		<ol style="list-style-type: none"> <li>2. V.S. Jilakara, A.B. Jadhav, <b>H. Singh, J. Chellammal</b>, G. Jahnavi, R. Khanam, M.K. Babu, J. Bajaj, Design and development of a polyherbal formulation containing <i>gymnema sylvestre</i> , <i>momordica charantia</i> , and <i>trigonella foenum-graecum</i> for the treatment of diabetes mellitus, Cuest. Fisioter. 54 (2025) 3269–3283. <a href="https://doi.org/https://doi.org/10.48047/k6cfxh46">https://doi.org/https://doi.org/10.48047/k6cfxh46</a>.</li> <li>3. M.F. Mustaffa, S. Suratman, A. Nordin, A.H. Jahidin, <b>H.S.J. Chellammal</b>, M.H. Hasan, Myrmecodia platytyrea tuber aqueous extract exacerbates neu-roinflammation, Aging Pathobiol. Ther. 7 (2025) 64–71. <a href="https://doi.org/10.31491/APT.2025.03.168">https://doi.org/10.31491/APT.2025.03.168</a>.</li> <li>4. H.K. Boyina, S. Chakraborty, O.M. Atrooz, O. Adamska, K. Sanka, A.G. Atanasov, A. Stolarczyk, <b>H.S.J. Chellammal</b>, V. Arora, K. Gangarapu, A. Kamińska, S. Rybicki, A. Lockley, Zingiberaceae wonders: the antioxidant powerhouse for optimal health, Anim. Sci. Pap. Reports. 43 (2025) 1–18. <a href="https://doi.org/10.2478/aspr-2025-0001">https://doi.org/10.2478/aspr-2025-0001</a>.</li> <li>5. K. Bakar, <b>H. Singh, J. Chellammal</b>, R. Sheshala, M.F. Mustafa, Ocular Diseases : Public Knowledge and Awareness in Malaysia, South East. Eur. J. Public Heal. XXVI (2025) 3603–3622. <a href="https://doi.org/https://doi.org/10.70135/seejph.vi.5773">https://doi.org/https://doi.org/10.70135/seejph.vi.5773</a>.</li> <li>6. B.A. Mannasaheb, I.A. Shaikh, G.K. Surindar Singh, N. Othman, M.M. Ghoneim, <b>H.S. Jayasingh Chellammal</b>, Unraveling the in vitro antioxidant and neuroprotective potential of green amalgamated gold nanoparticles from Chang shuo huang ma (<i>Corchorus olitorius</i> (L)): Insights on SK-N-SH neuroblastoma cell lines, Pharmacol. Res. - Mod. Chinese Med. 15 (2025). <a href="https://doi.org/10.1016/j.prmcm.2025.100615">https://doi.org/10.1016/j.prmcm.2025.100615</a>.</li> <li>7. Siti Zaidathul Iman Zolkiffly, Mizaton Hazizul Hasan, Siti Azma Jusoh, Ashok Kumar Janakiraman, Sathesh Kumar Sukumaran, Noreen Husain, Yuslina Zakaria, <b>Hanish Singh Jayasingh Chellammal*</b>. <i>In silico</i> and <i>in vivo</i> evaluations of fisetin and fisetin-loaded nanosuspension on monoamine oxidase inhibition in A<math>\beta</math><sub>(25–35)</sub> induced dementia in mice model, Pharmacological Research-Modern Chinese Medicine 13, 100547. <a href="https://doi.org/10.1016/j.prmcm.2024.100547">https://doi.org/10.1016/j.prmcm.2024.100547</a></li> <li>8. Zenli Cheng, Ashok Kumar Janakiraman, Baskaran Gunasekaran, Crystale Lim Siew Ying, Ezanee Azlina Binti Mohamad Hanif, <b>Hanish Singh Jayasingh Chellammal</b>,</li> </ol>
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		<p>Sinouuvassane Djearamane, Unveiling the Biomedical Applications of Zinc Oxide (ZnO) Nanoparticles: A Review Fostering on the Synthesis, Therapeutics and Imaging with Recent Developments, <i>Pharmaceutical Sciences</i>, 2024, 30(4), x-x doi:10.34172/PS.2024.24</p> <p>9. <b>Hanish Singh Jayasingh Chellammal</b>, S Prema, Firoj A Tamboli, Bhupinder Bhyan, Development and Evaluation of Polyherbal Phyto-phospholipid Complexes (Phytosomes) for PCOD Treatment, <i>International Journal of Drug Delivery Technology</i>, 14, 853-857.</p> <p>10. Rassheda Abd Rahman, <b>Hanish Singh Jayasingh Chellammal</b>, Syed Adnan Ali Shah, Rozaini Mohd Zohdi, Dhani Ramachandran, Hannis Fadzillah Mohsin. Exploring the therapeutic potential of Derris elliptica (Wall.) Benth in Streptozotocin-Induced diabetic Rats: Phytochemical characterization and antidiabetic evaluation. <i>Saudi Pharmaceutical Journal</i>, 102016, <a href="https://doi.org/10.1016/j.jsps.2024.102016">https://doi.org/10.1016/j.jsps.2024.102016</a></p> <p>11. Siti Norhafizah Mohd Sahini, Nurul Aqmar Mohd Nor Hazalin, Bettadapura N Srikumar, <b>Hanish Singh Jayasingh Chellammal</b>, Gurmeet Kaur Surindar Singh, Environmental enrichment improves cognitive function, learning, memory and anxiety-related behaviours in rodent models of dementia: implications for future study, , 2024/2/1, <i>Neurobiology of Learning and Memory</i>, 107880. <a href="https://doi.org/10.1016/j.nlm.2023.107880">https://doi.org/10.1016/j.nlm.2023.107880</a></p> <p>12. SNM Sahini, NAMN Hazalin, BN Srikumar, <b>HSJ Chellammal</b>, GKS Singh, Environmental enrichment improves cognitive function, learning, memory and anxiety-related behaviours in rodent models of dementia: implications for future study, <i>Neurobiology of Learning and Memory</i>, 107880, 2024.</p> <p>13. <b>Muralidharan. P, Hanish Singh JC.</b>, Neurobehavioural analysis of ethanolic extract of roots and rhizomes of <i>Acorus calamus</i> in 6-Hydroxy Dopamine Hydrobromide induced ADHD neonatal rat model – An Observational study”, <i>World Journal of Traditional Chinese Medicine</i>, July -August 2023 (Accepted)</p> <p>14. <b>Sathesh Kumar .S, Rajini. D, Hanish Singh. J.C</b>, Application of design thinking approach for the development of peg-4000 coated Chitosan nanoparticles loaded with galantamine hydrobromide for improved Treatment of neurodegenerative disorders. <i>Eur. Chem. Bull.</i> 2023, 12 (8),4514-4540</p> <p>15. <b>Hanish Singh Jayasingh Chellammal</b>, Dhani Ramachandran. Applications of Functional Foods and Nutraceuticals for Chronic</p>
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		<p>Diseases. 375-408, Functional Foods of Polyphenolics for Alzheimer's Disease, CRC Press, Taylor and Francis group, 2023.</p> <p>16. <b>Hanish Singh Jayasingh Chellammal</b>, Shaista Omer, Deepa Gupta, Alok Khunteta, Surendra Kumar Swarnkar, Puneet Gupta, Fauzia Bano Faruqi. Method For Identifying Herbal Compounds With Anti-Cancer Properties Using Machine Learning Techniques, Latin American Journal of Pharmacy, 45, 5, 2023.</p> <p>17. <b>Hanish Singh Jayasingh Chellammal</b>, Mizaton Hazizul Hasan, Neuroprotective Effects of <i>Vaccinium corymbosum</i> on Amyloid-Beta Peptide-Induced Amnesia in Mice. Current Trends in Biotechnology &amp; Pharmacy, Supplement- 17, 2023.</p> <p>18. <b>Hanish Singh Jayasingh Chellammal</b>, Praveen Kumar D, Rahul P Kshirsagar, Mizaton Hazizul Hasan, Prakash V Diwan Cardioprotective Effects of Ethanolic Extract of <i>Cedrus deodara</i> Roxb Against Isoproterenol Induced Myocardial Infarction in Rats, Malaysian Journal of Medicine and Health Sciences Vol.19 Supp 7, June 2023 (eISSN 2636-9346).</p> <p>19. <b>Hanish Singh Jayasingh Chellammal, Mizaton Hazizul Hasan, Rahul P Kshirsagar, Vamshi Krishna Reddy Musukula, Dhani Ramachandran &amp; Prakash V Diwan.</b> Metformin inhibits cardiometabolic syndrome associated cognitive deficits in high fat diet rats. J Diabetes Metab Disord 21, 1415–1426 (2022). <a href="https://doi.org/10.1007/s40200-022-01074-4">https://doi.org/10.1007/s40200-022-01074-4</a></p> <p>20. <b>AK Janakiraman, T Islam, KB Liew, M Elumalai, JC Hanish Singh.</b> Improved oral bioavailability of poorly water-soluble vorinostat by self-microemulsifying drug delivery system, Beni-Suef University Journal of Basic and Applied Sciences 11 (1), 1-13</p> <p>21. <b>Arpita Injamuri, Hanish Singh Jayasingh Chellammal</b> Neuroprotection of <i>Prunus avium</i> Linn. extract on cerebral ischemic stroke in rats associated with neuroendocrine effects. <i>Annals of Phytomedicine: An International Journal</i>, 11 (1), 283-288</p> <p>22. <b>Hanish Singh Jayasingh Chellammal</b>, Mohamed Mansor Manan, Afiz Azil, Yasothini Murugan, Punitha Chelvam, Pavithiraa Chandrasekaran. Neurocognitive effects of <i>Prunus domestica</i> fruit extract on scopolamine-induced amnesic mice. <i>Journal of Applied Pharmaceutical Science, Journal of Applied Pharmaceutical Science</i>, 10 (11), 059-066.</p> <p>23. <b>B.krupavaram, S. Lashinna, Hanish Singh JC, BVS.Lakshmi, Shashidharan Menon.</b> Evaluation of Antidepressant Activity of Methanol and Petroleum Ether Extracts of <i>Daucus Carota Ssp. Sativus Var. Atrorubens Alef.</i> (Purple Carrot) Roots in Experimental Animals</p>
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	<p>24. JC Nisha, Raja Sekar, S Lazarus, <b>Hanish Singh JC</b>, Effect of Chromium Trivalent (Cr-Iii) And Hexavalent (Cr-Vi) Toxicity on The Morphology of Zebra Fish, Danio Rerio (F. Hamilton, 1822) During Early Embryonic Developmental Stages, <i>Studies of Indian Places Names</i>, 40 (74), 2020, 171-183</p> <p>25. B Krupavaram, <b>HS JC</b>, K Anandarajagopal, J Kaur, S Paramasivam. Evaluation of ethanolic root extract of <i>allium cepa</i>. L for analgesic and anti-inflammatory activities in animal models. <i>World Journal of Current Medical and Pharmaceutical Research</i>, 2020, 67-73</p> <p>26. <b>Hanish Singh Jayasingh Chellammal</b>, Alagarsamy Veerachamy, Dhani Ramachandran, Sridhar Babu Gummadi, Mohamed Mansor Manan, Narsimha Reddy Yellu, Neuroprotective effects of 1'-<math>\delta</math>-1'-acetoxyeugenol acetate on A<math>\beta</math>(25-35) induced cognitive dysfunction in mice., <i>Biomedicine and Pharmacotherapy</i>;109, 2019, 1454-1461.</p> <p>27. Rzanze, Rassheda Abd Rahman, Mansor Mohamed Manan, <b>Hanish Singh</b>, Hannis Fadilah ...Antihyperglycemic Activity of Derris Elliptica In Streptozocin Induced Diabetic Rats, Asian Journal of Pharmaceutical and Clinical Research 8 (11), 92</p> <p>28. <b>JCH Singh</b>, RM Kakalij, RP Kshirsagar, BH Kumar, SSB Komakula Cognitive effects of vanillic acid against streptozotocin-induced neurodegeneration in mice, <i>Pharmaceutical biology</i> 53 (5), 630-636</p> <p>29. Edula Vinitha, <b>Hanish J.C. Singh</b>, Rahul Motiram Kakalij, Rahul Padmakar Kshirsagar, Boyina Hemanth Kumar, Prakash V. Diwan. Neuroprotective effect of <i>Prunus avium</i> on streptozotocin induced neurotoxicity in mice, <i>Biomedicine and Preventive Nutrition</i>, 4. 2014, 519-525.</p> <p>30. <b>Hanish JC Singh</b>, Tauqeer U.B. Syeda, Rahul M. Kakalij, Valluri V.L.N. Prasad, Prakash V. Diwan. Erythropoietin protects Polychlorinated biphenyl (Aroclor 1254) induced neurotoxicity in mice, <i>European Journal of Pharmacology</i> 707, 2013, 54-60</p> <p>31. Boyina H Kumar, Bheemachari Joshi, <b>Hanish JC Singh</b>, Prakash V. Diwan, Drug-drug interaction between voriconazole and oral hypoglycemic agents in diabetic rats, <i>Indian Journal of Pharmacology</i>, 2013, 45, 41-43</p> <p>32. <b>Hanish Singh JC</b>, Alagarsamy V, Prakash V Diwan, Sathesh Kumar S, Nisha JC, Narsimha Reddy Y. Neuroprotective effect of <i>Alpinia galanga</i> (L.) fractions on A<math>\beta</math>(25-35) induced amnesia in mice, <i>Journal of Ethnopharmacology</i>, 2011, 138 85-91</p> <p>33. <b>J. C. Hanish Singh</b>, V. Alagarsamy, P Parthiban, P Selvakumar and Y. Narsimha Reddy. "Neuropharmacological studies of <i>Pseudarthria viscida</i> (L) Wight and Arn on <math>\beta</math>-amyloid (25-35) induced amnesia in mice" , <i>Indian Journal of Biochemistry &amp; Biophysics</i>, 48, 2011, 197-2011</p>
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	<p>34. <b>J. C. Hanish Singh</b>, V. Alagarsamy, S. Sathesh Kumar and Y. Narsimha Reddy Neurotransmitter Metabolic Enzymes and Antioxidant Status on Alzheimer's disease Induced Mice Treated with <i>Alpinia galanga</i> (L.) WILLD. <b>DOI: 10.1002/ptr.3364, <i>Phytotherapy Research</i>, 2011.</b></p> <p>35. PVD Rahul P. Kshirsagar , Rahul M. Kakalij, B. Hemanthkumar, <b>JC Hanish Singh</b>, Diabetic atherosclerosis: Potential biomarkers and preventive approach, <i>Indian Journal of Pharmacology</i> 43 (7), 41-197</p> <p>36. <b>Hanish Singh JC</b>, Muralidharan P, Narsimha Reddy Y, Sathesh Kumar S and Alagarsamy V. Anti-amnesic effects of <i>evolvulus alsinoides</i> linn. in amyloid <math>\beta</math> (25-35) induced neurodegeneration in mice. <b><i>Pharmacologyonline</i>, 2009; 1: 70-80</b></p> <p>37. V. Alagarsamy, D. Shankar, V. Raja Soloman, P. Parthiban, <b>J. C. Hanish Singh</b>. Synthesis of 4-(2-ethylphenyl)-1-Substituted [1, 2, 4] triazoloquinazolin-5(4H) – for their H<sub>1</sub> antihistamine activity. <b><i>International journal of drug design and discovery</i>, 2010; 1: 49-56</b></p> <p>38. V. Alagarsamy, H. K.Sharma, P. Parthiban, <b>J. C. Hanish Singh</b>, S. Thirusenthil murugan and V. Raja Solomon. Synthesis and pharmacological investigation of novel 4-(3-methoxyphenyl)-1-substituted-4H-[1,2,4]triazolo[4,3-a] quinazolin-5 -ones as new class of H<sub>1</sub>-antihistaminic agents. <b><i>Die Pharmazie</i>, 2009; 64 (1): 5-9</b></p> <p>39. P. Parthiban, V. Alagarsamy, Jemi Jacob, <b>J. C. Hanish Singh</b>, S. Sathesh Kumar and P. Subhash Chandra Bose. Synthesis, Characterization and Antimicrobial Screening of 3-(5-Substituted Phenyl-1, 3, 4-Oxadiazol-2-Yl) Pyridines. <b><i>International Journal of Pharmaceutical Science &amp; Research</i>, 2010; 1:49-56</b></p> <p><b>Conferences &amp; Proceedings</b></p> <p>40. Neuroprotective effects of <i>Vaccinium corymbosum</i> on amyloid-beta peptide-induced amnesia in mice” Oral Presentation. <b><i>International Research Conference on Pharmaceutical and Allied Sciences (IRCPAS 2.0), Faculty of Pharmacy, UCSI University, Cheras, 11<sup>th</sup> &amp; 12<sup>th</sup> March, 2023.</i></b></p> <p>41. Self-Medication Practices Among Allied Health Science Undergraduate Students in KPJ Healthcare University College. <b><i>1st International Conference on Pharmacy Practice Embracing Smart Partnerships: Driving Innovation into Practice. 27 - 28 June 2018 Concorde Hotel, Shah Alam, Malaysia. (BEST POSTER WINNER)</i></b></p> <p>42. Misuse of H<sub>1</sub>-Antihistamine Drugs to Improve Sleep Latency by Students from Healthcare University College Nilai. <b><i>KPJ</i></b></p>
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		<p><b><i>Healthcare Conference 2018, 19th - 21st October 2018 at Hotel Royale Chulan Damansara</i></b></p> <p>43. Doxycycline attenuates Cognitive Dysfunction on Cerebral Ischemic Stroke in Wistar Rats, <b><i>13<sup>th</sup> MPS-USM Pharmacy Scientific Conference (MPS-USM PSC) 2017, 3<sup>rd</sup> -5<sup>th</sup> November, 2017</i></b></p> <p>44. The Ameliorative Effect of <i>Rubus fruticosus</i> Fruits on Pyloric Ligation Induced Ulcer in Wistar Albino Rats. <b><i>KPJ Healthcare conference and Exhibition, 2013; Kuala Lumpur, Malaysia</i></b></p> <p>45. Antianxiety and Anticonvulsant Effect of <i>Capparis Zeylanica</i> on Strychnine Induced Convulsion in Mice. <b><i>KPJ Healthcare conference and Exhibition, 2014; Putra Jaya, Malaysia</i></b></p> <p>46. XXIX Annual Conference of Society of Toxicology, India, during Nov 4- 7, 2009</p> <p>47. IBRO sponsored International structural neuroscience conference on peptide organized by Nagpur University. Feb 1-2, 2008.</p> <p>48. Changing trends in Animal Experimentation organized by Jai Research Foundation during Sep 12th, 2008.</p> <p>49. National conference on 'Rational Use of Animals in Research' jointly organized by NIN, Laboratory Animal Scientist Association, Indian Pharmacological Society and centre for advanced research in preclinical toxicology on Nov 1-2, 2006, Hyderabad.</p> <p>50. Second International Conference and Indo-Canadian symposium on Pharmaceutical Science, Technology, Practice and natural health products by J S S College of Pharmacy on Feb 24 – 26, 2007. Ooty.</p> <p>51. Workshop on OBE system conducted by KPJUC, Nilai Malaysia on 24th - 26th October 2016</p>
10	Book Chapters	<p><b>Functional Foods of Polyphenolics for Alzheimer's Disease</b>  HSJ Chellammal, D Ramachandran  Applications of Functional Foods and Nutraceuticals for Chronic Diseases, 1<sup>st</sup> Edition, 2023, CRC Press, Pages34,  eBook ISBN9781003220053</p>
11	RESEARCH GRANTS	<p><b><u>ACTIVE GRANTS</u></b></p> <p><b>Principle investigator</b>, Neuroimmune and Neuroendocrine effects of Hydroxy flavanol on NRF2 linked pathways for Alzheimer's Disease, FRGS, IPT Excellence Planning Division, Department of Higher Education, Ministry of Higher Education, RM 129,100.00, 3 years (2022-2025).</p>



		<p><b>Co Researcher</b>, Elucidating the Neuroprotective Signalling Cascade of Nestorone®, a Synthetic Progestin, in Modulating Alzheimer's Disease <b>FRGS, IPT Excellence Planning Division, Department of Higher Education, Ministry of Higher Education, RM 158,107.00, 3 years (2023-2026).</b></p> <p><b>Principal Investigator</b>, Neuroprotective effects of medicinal plants on memory dysfunction induced animals. RMC, UiTM, Selangor. RM 20000 (2020-2023).</p> <p><b>Co Researcher</b>, Green synthesis of zinc oxide loaded vinblastine nanoparticles and their anticancer potential on specific anticancer cell lines, FRGS, RM86899, 2 years (2022-2024)</p> <p><b>Co Researcher</b>, Rosmarinic Acid Loaded Ocular In Situ Gels: In Vivo Safety and Efficacy Study, DUCS, Faculty of Pharmacy, UiTM, RM 30,000, 2 years (2022-2025).</p> <p><b>Co Researcher</b>, Exploring the potential neuroprotective properties of Astaxanthin nanoemulsion in modulating brain insulin resistance in an Alzheimer's Disease Rat Model, RM 40,000, 2 Years (2023-2025)</p> <p><b><u>COMPLETED GRANTS</u></b></p> <p><b>Principal Investigator</b> “Cardioprotective effect of Fiestin on Myocardial Infarction induced Wistar Albino Rats” KPJ Healthcare University college, RM 7000, 2016-2018</p> <p><b>Researcher</b> “Anti catatonic activity of <i>Prunus Domestica</i> &amp; <i>Vaccinium Corymbosum</i> on Catalepsy induced by Haloperidol in Swiss albino Mice Internal KPJ Healthcare University college RM 2000, One Year 2019</p> <p><b>Co-Researcher</b> Therapeutic potential of medicinal plants from North Eastern states for the treatment of Psoriasis and other skin diseases <b>Department of Biotechnology Ministry of Science and technology, 71,57,500 INR (RM 42,000) 2012-2015 (Three Years)</b></p> <p><b>Study Coordinator-</b> Social recognition assay in Sprague-dawley Rats a prospective proof of concept study, <b>Biotropics Malaysia (RM 15000) (2012 -one year)</b></p> <p><b>Co-Investigator</b> “Evaluation of oral anti-diabetic formulation in diabetic rats Transgene Biotech- India PVLTD INR 80,000, 2012 (one year)</p> <p><b>Co-Investigator</b> “Acute toxicological and CNS toxicological evaluation of herbal formulation JJshane in mice JJ D Shane, Hyderabad India INR 50,000 2012 (one year)</p>
11	AWARDS	<ul style="list-style-type: none"> <li><b>Faculty of Pharmacy outstanding service award of the year 2022 (Anugerah Perkhidmatan Cemerlang Fakulti Farmasi Tahun) during Academic award ceremony, quality &amp; staff appreciation (Majlis Anugerah Akademik, Kualiti &amp;</b></li> </ul>

		<p><b>Appresiasi Staf</b>), November-2023, Faculty of Pharmacy, UiTM)</p> <ul style="list-style-type: none"> <li>• <b>Best National Grant Award 2022 (Anugerah Geran Kebangsaan Terbaik Kepada)</b> during Academic award ceremony, quality &amp; staff appreciation (<b>Majlis Anugerah Akademik, Kualiti &amp; Appresiasi Staf</b>), November-2023, Faculty of Pharmacy, UiTM)</li> <li>• <b>International Collaborator Award, 2023 (Anugerah Jalinan Antarabangsa Kepada)</b> during Academic award ceremony, quality &amp; staff appreciation (<b>Majlis Anugerah Akademik, Kualiti &amp; Appresiasi Staf</b>), November-2023, Faculty of Pharmacy, UiTM)</li> <li>• <b>Postgraduate Supervisor Award (Doctor of Philosophy)</b> year 2022, (Anugerah Jalinan Antarabangsa Kepada) during Academic award ceremony, quality &amp; staff appreciation (<b>Majlis Anugerah Akademik, Kualiti &amp; Appresiasi Staf</b>), November-2023, Faculty of Pharmacy, UiTM)</li> <li>• <b>University Social Responsibility Program Award (Anugreha Program University Social Responsibility (USR) Kepada)</b>, during Academic award ceremony, quality &amp; staff appreciation (<b>Majlis Anugerah Akademik, Kualiti &amp; Appresiasi Staf</b>), November-2023, Faculty of Pharmacy, UiTM)</li> <li>• <b>Gold Award, Invention, Innovation and Design Exposition, UiTM, Faculty of Pharmacy</b>, Selangor-2023, HAIL-P: The Herbal X-Inflammatory lyophilised Powder, An Immune boost tea Product (Faculty level competition).</li> <li>• <b>Bronze Award, Invention, Innovation and Design Exposition, UiTM</b>, Shah Alam, Selangor-2023, HAIL-P: The Herbal X-Inflammatory lyophilised Powder, An Immune boost tea Product.</li> <li>• <b>Unvas Prize</b>, Indian Pharmacological Society, Bangalore, India, for the paper published metabolic cardiovascular syndrome, Indian Pharmacological society Conference, February 25-28, 2023.</li> <li>• <b>Bronze Award, Invention, Innovation and Design Exposition, Faculty of Pharmacy, UiTM-2022.</b> Neuroendocrine effects of <i>Vaccinium corymbosum</i> on amyloid-beta peptide-induced amnesia in mice; A cognitive boost.</li> <li>• <b>Silver Award, Invention, Innovation and Design Exposition, UiTM</b>, Shah Alam, Selangor-2022. Neuroendocrine effects of <i>Vaccinium corymbosum</i> on amyloid-beta peptide-induced amnesia in mice; Cogniberry.</li> <li>• Awarded state level best project (2006) with scholarship for M. Pharm thesis by I P A, and Pharma welfare trust, Chennai.</li> </ul>
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		<p><b>“Neurotransmitter Metabolic enzyme and Antioxidant status of <i>Evolvulus Alsinoides</i> on A<math>\beta</math> (25-35) induced Alzheimer’s Disease”</b></p> <ul style="list-style-type: none"> <li><b>(Best Poster Award)</b> Self-Medication Practices Among Allied Health Science Undergraduate Students in KPJ Healthcare University College. <b><i>1st International Conference on Pharmacy Practice Embracing Smart Partnerships: Driving Innovation into Practice. 27 - 28 June 2018 Concorde Hotel, Shah Alam, Malaysia.</i></b></li> </ul>
12	Patents	<ol style="list-style-type: none"> <li><b><i>1. Patient Interface Assembly for Respiratory Therapy (Indian Patent: 376958-001), Dr. Sridhar Babu Gummati, Dr. Sudheer Kumar Kamarapu, Dr. Hanish Singh Jayasingh Chellammal, Dr D Raghava, Dr. G. Hemalatha, Dr.K. Purnachander, 2023 (Product registered)</i></b></li> <li><b><i>2. Pharmaceutical compositions for topical Application, 2277CHE2012A, (Published)</i></b></li> <li><b><i>3. AI Based Morris Water Maize Apparatus For Analysing Neurotoxic Activity In Mice</i></b></li> <li><b><i>4. Nose-to-Brain Drug Delivery System for Peptides and Proteins for the Treatment of Alzheimer’s Disease</i></b></li> <li><b><i>5. Smart Non-Invasive Brain Scanning Device for Neuro Defects Identification</i></b></li> <li><b><i>6. Electrospinning device used for production of nanofibers.</i></b></li> </ol>
13	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ol style="list-style-type: none"> <li>1. Pharmacy Council of India- Life Member</li> <li>2. Malaysia Pharmaceutical Society- Associate Membership (2020)</li> <li>3. Indian Pharmacological society- Life Member</li> <li>4. Laboratory Animal Scientist Association, India- Life Member</li> <li>5. Laboratory Animal Scientist Association, Malaysia- Associate Member (2021-2023)</li> <li>6. Associate Member, Malaysian Society of Neuroscience, Malaysia (2021-2023).</li> <li>7. Indian Academy of Neuroscience, India.</li> <li>8. Indian Pharmacy Teachers Association- Life Membership.</li> </ol>
14	PARTICIPATION IN CONTINUING EDUCATION	<p><b>Program Director, Innovative preclinical drug screening with Data acquisition systems, 21 &amp; 22<sup>nd</sup> June 2023, Faculty of Pharmacy, UiTM, Puncak Alam.</b></p> <p><b>Program Director, Workshop on drug screening &amp; pharmacological evaluations, 12 &amp; 13<sup>th</sup> September 2023, Faculty of Pharmacy, UiTM, Puncak Alam.</b></p> <p><b>Speaker, Outbound student exchange collaborative programme UiTM-QUB-VISTAS, 19<sup>th</sup> September, 2022</b></p> <p><b>Facilitator, 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup> Workshop on Laboratory Rodents (rats &amp; mice) care and use 2022-2023 &amp; 2024.</b></p>

		<p><b>Organizer &amp; Speaker</b>, International Workshop on Clinical and Preclinical Applications of Powerlab (School of Pharmacy, KPJUC) Speaker/ Organizer 28-29th Nov 2018, KPJ Healthcare University College</p> <p>Drug Targets and Alzheimer's Research (International seminar "PHARMALIMS 2018") International Speaker 5th October 2018 ELIMS College of Pharmacy Thrissur, Kerala</p> <p>CPD on Managing Type II Diabetes Mellitus (Organized by School of Nursing KPJUC) Speaker 14th March 2016 Hotel Vistana, KL</p> <p>Scientific Committee Member, KPJ Healthcare Conference, Hotel Istana, 2013.</p> <p><b>External Examiner- PhD</b>, International Medical University, Malaysia. 2018-2023</p> <p>The TN DR MGR Medical University, Guindy, Chennai, Tamil Nadu, India, 2014</p> <p>Vels University of Science and Technology, Chennai, Tamil Nadu, India External Examiner 2014 Till Date</p> <p><b>Internal Examiner-PhD</b> (KPJ Healthcare University College): Entitled "Development of an alerting chain bundle (ACCB) with integration of fall policies in preventing anticipated physiological fall in one of KPJ Specialist Hospitals"</p> <p><b>Coordinator for Post Graduate Studies</b> (Master of Sciences in Pharmaceutical Technology), School of Pharmacy, KPJ Healthcare University College, Malaysia, 14th July 2014 to 3rd March 2020</p> <p><b>Academic supervision</b> on Research students (Pharmacy by Research). Masters Students Guided: 12 (Graduated)</p> <p>PhD: 3 (Ongoing)</p> <p><b>Curriculum design and review</b> (Pharmacy/ Biomedical). Test construction and design according to OBE/ iCGPA system</p> <p><b>Involvement in Scientific Journals</b></p> <p>International Journal of Medical and Exercise Science (IJMAES) <a href="http://www.ijmaes.org/editorial-board/">http://www.ijmaes.org/editorial-board/</a> Editorial Board Member 2015 Till Date</p> <p>International Journal of Pharmacy and Pharmaceutical Analysis. <a href="http://www.ijppa.com/editorial-board">http://www.ijppa.com/editorial-board</a> Assistant Editor &amp; Board Member 2014 Till Date</p> <p>BMC Health Services Reviewer 2019 Active</p> <p>KPJ Medical Journal Reviewer 2018 Active</p>		
15	<b>STUDENT SUPERVISION AND PROJECTS</b>			
	<b>Institution</b>	<b>Student Name and Qualification/Thesis Title</b>	<b>Year Enrolled</b>	<b>Year End</b>

1.	Faculty of Pharmacy, UiTM	<b>Siti Zaidathul Bt Iman Zolkifly (PhD)</b> Neuroimmune and Neuroendocrine effects of Hydroxy flavanol on NRF2 linked pathways for Alzheimer's Disease,	2023	ongoing
2.		<b>Basheer Ahmed (PhD)</b> Neuroprotective effect of medicinal plant extracts formulated nanoparticles on AD-induced mice model	2022	ongoing
3.		<b>Ibrahim Ahmed Shaikh (PhD)</b> Neuroprotective effect of medicinal plants on AD-induced mice model	2022	ongoing
4.		<b>Wasan ibrahim mohammad alwahsh (PhD)</b> Synthesis, characterization, and evaluation of chitosan and chitosan-modified nanoparticles in fabricating sustained release nicotine through intranasal delivery for smoking cessation.	2023	Ongoing
5.	UCSI University	<b>Ms. Cheng Zenli (PhD)</b> Green synthesis of zinc oxide-loaded vinblastine nanoparticles and their anticancer potential on specific cancer cell lines	2022	Submitted
6.	UCSI University	<b>Tahani Islam (MSc/PhD Pharmaceutical technology)</b> <i>Pharmacokinetic effects of Vorinostat SR formulation in rats</i>	2017	2019
7.	KPJ Healthcare University College	<b>Roslizam Bt Said (Masters in Pharmaceutical technology)</b> <i>Antidiabetic activity of melinjo fruit extract</i>	2013	2018
8.	School of Pharmacy Anurag Group of Institutions, Hyderabad India	<b>Tauqeer Unnisa Begum (M. Pharm-Pharmacology)</b> <i>Neuroprotective effect of erythropoietin in Arochlor induced neurotoxicity</i>	2010	2012
9.		<b>I Arpitaa (M. Pharm-Pharmacology)</b> <i>Neuroprotective effect of Prunus avium (L.) on cerebral ischemic stroke in rats.</i>	2010	2012
10.		<b>Y Sumanth (M. Pharm-Pharmacology).</b> <i>Effect of doxycycline on cerebral ischemic stroke in wistar albino rats.</i>	2010	2012
11.		<b>Vamshi Krishna Reddy (M. Pharm-Pharmacology).</b> <i>Potential of metformin in cognitive deficits associated with Alzheimer's type of dementia in high fat / high sucrose diet fed rats</i>	2010	2012
12.		<b>Edulla Vinitha (M. Pharm-Pharmacology)</b> <i>Neuroprotective effect of Prunus avium (L.) on STZ induced neurotoxicity in rats</i>	2010	2012
13.		<b>Anusha K (M. Pharm-Pharmacology)</b> <i>Role of Piaglitazone in diabetes linked Parkinson's disease using high fat diet in wistar rats</i>	2010	2012
14.		<b>B. Raju (M. Pharm-Pharmacology)</b> <i>Anti-hypertensive effect of novel 3-substituted amino-2-phenyl quinazoline-4(3H)-one in rats.</i>	2010	2012
16	COMMUNITY SERVICES	<ul style="list-style-type: none"> <li>Hospital Attachment for Clinical Visit-Applied Therapeutics (<b>Posting in Pusat Perbutan Universiti Kebangsaan Malaysia- PPUKM</b>)</li> <li>Diabetic Awareness "KPJ Healthcare University College" Nilai, Malaysia</li> </ul>		

		<p>Know Your Medicine “KPJ Healthcare University College” Nilai, Malaysia</p> <ul style="list-style-type: none"> <li>• <b>2023, Students' learning site visit to Pusat Pemulihan Penagihan Narkotik Sukarela (PUSPEN),</b> Jalan 3/125, Desa Petaling, 57100 Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur</li> </ul>		
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