

Personal Details	Dr. S. Parasuraman
Academic Qualifications	M.Pharm., Ph.D.,
Administrative Duties	Unit Head Coordinator, University Animal Ethics Committee Convener, Faculty Research and Ethics Committee
Publications (last 5 years)	<ol style="list-style-type: none"> <li>1. <b>Parasuraman S</b>, Perumal P. (2020) Siddha, an Indigenous Medical System of Peninsular India. In: Sen S., Chakraborty R. (eds) Herbal Medicine in India. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-13-7248-3_2">https://doi.org/10.1007/978-981-13-7248-3_2</a></li> <li>2. <b>Parasuraman S</b>, Qin BNY, Hui LC, Beng JYK. Effect of epigallocatechin gallate on aluminum chloride-induced changes in behavior, biochemical parameters, and spermatogenesis of Sprague-Dawley rats. Beni-Suef Univ J Basic Appl Sci. 2020;9:55.</li> <li>3. <b>Parasuraman S</b>, Zhen KM, Wen LE, Hean CK, Balamurugan S, Christopher PV, Banik U. Effect of ursolic acid on olanzapine induced weight gain in Sprague Dawley rats. Indian J Exp Biol. 2020;58(11):760-9.</li> <li>4. <b>Parasuraman S</b>, Balamurugan S, Vanishya R. Overview of safety assessment and toxicological screening of dermal formulations. SBV Journal of Basic, Clinical and Applied Health Science. 2020;3(3): 96-103.</li> <li>5. Aga QA, Nair AB, Hourani W, <b>Parasuraman S</b>, Mueen Ahmed KK, Sreeharsha N. Therapeutic Potential of Chymase Inhibitors in Cardiovascular Diseases: An Overview. IJPER. 2020;54(3):509-16.</li> <li>6. <b>Parasuraman S</b>, Beng JY, Hui LC, Qin BN. Effect of Epigallocatechin Gallate on Cadmium Chloride-induced Oxidative Stress in Female Sprague Dawley Rats. Free Radicals &amp; Antioxidants. 2020;10(1):29-34.</li> <li>7. Singh R, <b>Parasuraman S</b>, Kathiresan S. Antioxidant and Antidiabetic Activities of Methanolic extract of Bark of <i>Cinnamomum zeylanicum</i> in Diabetic Rats. Free Radicals &amp; Antioxidants. 2020;10(1); 16-23.</li> <li>8. Jeevandran S, Geethaa S, Yi W, <b>Parasuraman S</b>, Karupiah S. Insignificant antidiabetic activities of ethanolic extracts of seeds of <i>Archidendron pauciflorum</i>. J Pharm Negat Results. 2020;11(1); 47-53.</li> <li>9. Venkateskumar K, <b>Parasuraman S</b>, Chuen LY, Ravichandran V, Balamurugan S. Exploring antimicrobials from the flora and fauna of marine: Opportunities and limitations. Curr Drug Discov Technol. 2020;17(4):507-514.</li> <li>10. Singh J, Singh R, <b>Parasuraman S</b>, Kathiresan S. Antimicrobial Activity of Extracts of Bark of <i>Cinnamomum cassia</i> and <i>Cinnamomum zeylanicum</i>. Int J Pharm Investig. 2020;10(2):141-5.</li> <li>11. <b>Parasuraman S</b>, Ching TH, Leong CH, Banik U. Antidiabetic and antihyperlipidemic effects of a methanolic extract of <i>Mimosa pudica</i> (Fabaceae) in diabetic rats. Egyptian Journal of Basic and Applied Sciences. 2019;6(1):137-48.</li> <li>12. Krishnamoorthy V, Chuen LY, Sivayogi V, Kathiresan S, Bahari MB, Raju G, <b>Parasuraman S</b>. Exploration of antioxidant capacity of extracts of <i>Perna viridis</i>, a marine bivalve. Phcog Mag 2019;15, Suppl S3:402-9</li> </ol>

13. David AVA, **Parasuraman S**. Lifestyle Impact on Cognitive Decline and Neurodegeneration Overview. *Free Radicals and Antioxidants*. 2019;9(2):52-7
14. **Parasuraman S**, Hoong SS, Christopher PV, Zou LN, De Wei DL, Loshini S, Ching TH, Leong CH. Effect of ethanolic extract of leaves of *Solanum trilobatum* on scopolamine-induced memory impairment in Sprague Dawley rats. *J Pharm Negative Results* 2019;10:41-6.
15. Xian TH, **Parasuraman S**, Sinniah K, Ravichandran M, Prabhakaran G. Repeated dose toxicity evaluation of a cold chain-free, live, attenuated oral cholera vaccine in Sprague Dawley rats. *Vaccine*. 2019;37(5):711-720.
16. Ravichandran V, Rohini K, Harish R, **Parasuraman S**, Sureshkumar K. Insights into the key structural features of triazolothienopyrimidines as anti-HIV agents using QSAR, molecular docking, and pharmacophore modeling. *Structural Chemistry* 2019;30(4):1471-84.
17. **Parasuraman S**. Herbal Drug Discovery: Challenges and Perspectives. *Curr Pharmacogenomics Person Med*. 2018;16(1):63-68.
18. Ashokkumar R, Srinivasamurthy S, Kelly JJ, Howard SC, **Parasuraman S**, Uppugunduri CS. Frequency of chemotherapy medication errors: A systematic review. *J Pharmacol Pharmacother* 2018;9:86-91.
19. **Parasuraman S**, Xin EY, Zou LN. Health hazards with electromagnetic radiation. *Int J Pharma Investig* 2018;8:157-63.
20. **Parasuraman S**, Hoong SS, Zou LN, De Wei DL, Loshini S. Lack of antidiabetic effect of ethanolic extract of leaves of *Solanum trilobatum* Linn (Solanaceae). *J Pharm Negative Results* 2018;9:49-54
21. Murugaiyah V, Ahmed Saeed MA, Kuong YM, Murugesu K, **Parasuraman S**, Asmawi MZ, Sadikun A. Lipid-lowering effect of hydroalcoholic extracts of *Gynura procumbens* in Chemical- and High-fat diet-induced hyperlipidemic rats. *Phcog Mag* 2018;14, Suppl S1:184-91.
22. Singh J, **Parasuraman S**, Kathiresan S. Antioxidant and antidiabetic activities of methanolic extract of *Cinnamomum cassia*. *Phcog Res* 2018;10:237-42
23. **Parasuraman S**, Ren LY, Chuon BLC, Wong Kah Yee S. Acute and sub-chronic toxicological evaluation of ethanol extract of *Solanum trilobatum* Linn. *Res J Pharmacogn*. 2018;5(1):13-21.
24. **Parasuraman S**, Thamby Sam Aaseer, Stephanie Wong Kah Yee, Bobby Lau Chik Chuon, Lee Yu Ren. Smartphone usage and increased risk of mobile phone addiction: A concurrent study. *Int J Pharm Investig*. 2017;7(3):125-131. [PMID: 29184824]
25. Banik U, **Parasuraman S**, Adhikary AK, Othman NH. Curcumin: the spicy modulator of breast carcinogenesis. *J Exp Clin Cancer Res*. 2017;36(1):98. [PMID: 28724427]
26. **Parasuraman S**, Zhen KM, Banik U, Christopher PV. Ameliorative effect of curcumin on olanzapine-induced obesity in Sprague-Dawley rats. *Phcog Res* 2017;9:247-52. [PMID: 28827965]
27. Venkateskumar K, **Parasuraman S**, Gunasunderi R, Sureshkumar K, Nayak MM, Shah SA, Khoo K, Kai HW. Acyclovir-Polyethylene Glycol 6000 Binary

- Dispersions: Mechanistic Insights. AAPS PharmSciTech. 2017;18(6):2085-94. [PMID: 28004342].
28. Christopher PV, **Parasuraman S**, Asmawi MZ, Murugaiyah V. Acute and subchronic toxicity studies of methanol extract of *Polygonum minus* leaves in Sprague Dawley rats. Regul Toxicol Pharmacol. 2017;86:33-41 [PMID: 28229903].
  29. Venkateskumar K, **Parasuraman S**, Christopher P V, Ali S, Chuen LY, Tang W, Sii SY, Yin TC. Investigation of mast cell stabilization and antiulcer activity of protein extract of *Perna viridis*. J Pharm Negative Results 2017;8:37-42 .
  30. **Parasuraman S**, Chuen LY, Hoong SS, Wei DL, Zou LN, Loshini S. Poor antimicrobial activity of methanol and ethanol extract of leaves of *Solanum trilobatum* Linn. J Pharm Negative Results 2017;8:53-5
  31. Mohan CJ, Vannan M, Ali A, **Parasuraman S**. Evaluation of clinical efficacy of metformin therapy in polycystic ovary syndrome. J Young Pharm 2017;9(2):277-9.
  32. Muthaian R, Pakirisamy RM, **Parasuraman S**, Raveendran R. Hypertension influences the exponential progression of inflammation and oxidative stress in streptozotocin-induced diabetic kidney. J Pharmacol Pharmacother 2016;7:159-64.
  33. **Parasuraman S**, Yu Ren L, Chik Chuon BL, Wong Kah Yee S, Ser Qi T, Shu Ching YJ, et al. Phytochemical, antimicrobial and mast cell stabilizing activity of ethanolic extract of *Solanum trilobatum* Linn. leaves. Malays J Microbiol 2016;12(5) 359-64.
  34. Christopher PV, Sin Joe L, Tian M, Sethi Brij Mohan T, **Parasuraman S**, Al-Suede FS, et al. Evaluation of methanol extract of *Polygonum minus* Huds. leaves for its hepatoprotective activity. Malays J Microbiol 2016;12(5):345-52.
  35. Anand David AV, Arulmoli R, **Parasuraman S**. Overviews of biological importance of quercetin: A bioactive flavonoid. Phcog Rev 2016;10:84-9.
  36. **Parasuraman S**, Lim Ee Wen, Khor Ming Zhen, Chin Kean Hean, Sam AT. Exploring the pharmacological and pharmacotherapeutic effects of yoga. Pharmacol, Toxicol Biomed Rep. 2016;2(1):6-10.
  37. Venkateskumar K, **Parasuraman S**, Gunasunderi R, Sureshkumar K, Nayak M M, Shah SA, Kassen K, Kai HW. Mechanistic insights into acyclovir-polyethylene glycol 20000 binary dispersions. Int J Pharma Investig 2016;6:194-200.
  38. Christopher PV, **Parasuraman S**, Raj PV, Mohammed Saghir SA, Asmawi M, Vikneswaran M. Influence of extracting solvent on pharmacological activity and cytotoxicity of *Polygonum minus*, a commonly consumed herb in Southeast Asia. Phcog Mag 2016;12, Suppl S4:424-30
  39. Thummar VA, **Parasuraman S**, Basu D, Raveendran R. Evaluation of in vivo antitumor activity of cleistanthin B in Swiss albino mice. J Tradit Complement Med. 2016;6(4):383–388.
  40. Anand David AV, Satyanarayana N, **Parasuraman S**, Bharathi S, Arulmoli R. Ameliorative effect of quercetin on methotrexate induced toxicity in

	<p>Sprague-Dawley rats: A histopathological study. <i>IJPER</i> 2016;50(3Suppl.):S200-S208.</p> <p>41. <b>Parasuraman S</b>, Lim Ee Wen, Sam AT, Christopher PV, Venkates Kumar K. Analysis of relationship between rate of urinary tract infection and toilet posture among adolescent populations: A comparative analysis. <i>Environ Dis</i> 2016;1:77-82.</p> <p>42. <b>Parasuraman S</b>, Kah Yee SW, Chuon BL, Ren LY. Behavioral, biochemical, and pathological alterations induced by electromagnetic radiation in Sprague-Dawley rats. <i>BLDE Univ J Health Sci</i> 2016;1:61-3.</p> <p>43. Vijayan V, Jayaraja Kumar K, Muralidharan S, <b>Parasuraman S</b>, Vasanth Raj P, Venkates Kumar K. Optimization and evaluation of isradipine nanoparticles using Box-Behnken design surface response methodology, <i>OpenNano</i>, 2016;1:1-15.</p> <p>44. Muralidharan S, Qi L Jia, Yi L Ting, Kaur N, <b>Parasuraman S</b>, Kumar J, Vijayan V, Vasanth Raj P. Newly developed and validated method of montelukast sodium estimation in tablet dosage form by ultraviolet spectroscopy and reverse phase - high performance liquid chromatography. <i>PTB Reports</i>. 2016;2(2):27-30.</p> <p>45. Vasanth Raj P, <b>Parasuraman S</b>, Dhanaraj SA, Ying LX, Luc TH, Stephanie S, Koay Chin Yin. Effect of <i>Ganoderma lucidum</i> on MPTP induced behavioral alterations in Swiss albino mice. <i>J Young Pharm</i>, 2016; 8(3):194-197.</p> <p>46. Muralidharan S, Vijayan V, Jayaraja Kumar, <b>Parasuraman S</b>. Bioanalytical validation and accurate RP-HPLC method development of triamcinolone: application to bioequivalence studies. <i>Turk J Pharm Sci</i>. 2016; 13(1): 38-53. [DOI: 10.5505/tjps.2016.29392]</p> <p>47. Sam AT, Muttusamy B, Yee SM, Ayapanaido T, <b>Parasuraman S</b>. Investigation of Stressors Affecting a sample of Pharmacy Students and the Coping Strategies Employed using Modified Academic Stressors Scale and Brief Cope Scale: a Prospective Study. <i>J Young Pharm</i>. 2016;8(2):122-127.</p> <p>48. Ramalingam P, Muthukrishnan R, Palaian S, <b>Parasuraman S</b>, Zakirul Islam Md. Challenges and opportunities in integrated curriculum of health professions education – A critical view. <i>IJPER</i> 2016;50(3):502-503.</p> <p>49. Peraman R, <b>Parasuraman S</b>. Mobile phone mania: Arising global threat in public health. <i>J Nat Sc Biol Med</i> 2016;7:198-200. [PMID: 27433076]</p> <p>50. <b>Parasuraman S</b>. Effect of nitric acid on cutaneous and plantar warts—a case report. <i>J Young Pharm</i>. 2016;8(2):159-160.</p> <p>51. <b>Parasuraman S</b>, Lee Yu Ren, Bobby Lau Chik Chuon, Stephanie Wong Kah Yee. Computer-aided prediction of biological activities and toxicological properties of the constituents of <i>Solanum trilobatum</i>. <i>Rapports De Pharmacie</i> 2015;1(2):59-63</p> <p>52. <b>Parasuraman S</b>, Lim Ee Wen. Animal Model for Obesity-An Overview. <i>Sys Rev Pharm</i>. 2015;6(1):9-12.</p> <p>53. Petchi RR, <b>Parasuraman S</b>, Vijaya C, Gopala Krishna SV, Kumar MK. Antiarthritic activity of a polyherbal formulation against Freund's complete adjuvant induced arthritis in Female Wistar rats. <i>J Basic Clin Pharma</i></p>
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	<p>2015;6(3):77-83. [PMID: 26229343]</p> <p>54. Sam ST, Thenmoli Hanbrasi a/p Jothy, <b>Parasuraman S</b>. Assessment of Pharmaceutical Care Services Provided by a Community Pharmacy in Kedah, Malaysia. <i>PTB Reports</i> 2015;1(2):73-80.</p> <p>55. Christopher PV, Xin TY, Kiun CF, Leng LC, Fu NG, Yuan GL, <b>Parasuraman S</b>, Vikneswaran M. Evaluation of analgesic, anti-inflammatory, antipyretic and antiulcer effect of aqueous and methanol extracts of leaves of <i>Polygonum minus</i> Huds. (Polygonaceae) in rodents. <i>Arch Med Health Sci</i> 2015;3:12-7.</p> <p>56. Selvadurai M, Ling KB, Dhanyasri, Kaur G, Kiat KW, Santhi K, <b>Parasuraman S</b>, kumar J. Pharmacokinetic evaluation of newly developed isradipine sustained release formulation. <i>Int J Drug Deliv.</i> 2015;7;126-140.</p> <p>57. Sam AT, Lian Jessica LL, <b>Parasuraman S</b>. A retrospective study on the incidences of adverse drug events and analysis of the contributing trigger factors. <i>J Basic Clin Pharma</i> 2015;6:64-8. (PMID: 25767366)</p> <p>58. <b>Parasuraman S</b>, Balamurugan S, Christopher PV, Petchi RR, Yeng WY, Sujithra J, Vijaya C. Evaluation of Antidiabetic and Antihyperlipidemic Effects of Hydroalcoholic Extract of Leaves of <i>Ocimum tenuiflorum</i> (Lamiaceae) and Prediction of Biological Activity of its Phytoconstituents. <i>Phcog Res</i> 2015;7:156-65. (PMID: 25829789)</p> <p>59. Vijayan V, Jayaraja Kumar K, Muralidharan S, <b>Parasuraman S</b>. Formulation and characterization of novel ethanolic carrier for improves penetration of Serratiopeptidase, <i>Res &amp; Rev: J Drug Formul, Developt and Prod.</i> 2015; 2: 1–6.</p> <p>60. Muralidharan S, Kalaimani J, <b>Parasuraman S</b>, Dhanaraj SA. Development and validation of acyclovir HPLC external standard method in human plasma: Application to pharmacokinetic studies. <i>Adv Pharma.</i>, 2014,1-5 (Article ID 284652).</p> <p>61. <b>Parasuraman S</b>, Mueen Ahmed KK, Bin Hashim TS, Muralidharan S, Kumar KJ, Ping WY, Syamitra B, Dhanaraj SA. Knowledge about the availability of the pharmacist in the Nuclear Medicine Department: A questionnaire-based study among health-care professionals. <i>J Basic Clin Pharma.</i> 2015;6:19-23. (PMID: 25538467)</p> <p>62. <b>Parasuraman S</b>, Raveendran R, Mueen Ahmed KK. Violation of publication ethics in manuscripts: Analysis and perspectives. <i>J Pharmacol Pharmacother</i> 2015;6(2):94-7. (PMID: 25969657)</p>
On-going Research	<ul style="list-style-type: none"> <li>• Pre-clinical toxicity testing of herbal preparations</li> <li>• Pre-clinical toxicity testing on vaccines</li> </ul>
Completed Research	<ul style="list-style-type: none"> <li>• Effect of flavonoids on metal ions-induced toxicity</li> <li>• Toxicity testing of herbal preparations</li> <li>• Free-radical and antioxidant effect on plant extract</li> <li>• Systemic pharmacological effect of isolated phytoconstituents</li> </ul>
Research Grants	<p>1. Co-investigator: ICH GLP-Compliant Pre-Clinical Safety Studies to Support the Licensure of Prototype Cholera Vaccine for Clinical Development [Reference code: PRGS/1/2019/SKK11/AIMST/02/1]</p>

	<ol style="list-style-type: none"> <li>2. Co-investigator: Investigation on Male Contraception Activity of Hibiscus Species- Molecular Insights [FRGS/1/2018/WAB13/AIMST/02/1]</li> <li>3. Co-investigator: Evaluation of Prototype Cold Chain Free Live Attenuated Oral Cholera Vaccine for its Cross-Protective Immunity against Enterotoxigenic Escherichia Coli (ETEC) as a Dual-Use Vaccine for Diarrheal disease [FRGS/1/2018/SKK11/AIMST/02/1]</li> <li>4. Co-investigator: An Investigation on Bio potential of Malaysian Green Mussels (Perna Viridis)- Biological Activity and Its Molecular Mechanistics. [Application ID: 110741-135701; Reference code: FRGS/1/2015/WAB09/AIMST/02/1]</li> <li>5. Investigator: Violation of publication ethics in bio-medical journal (Funded by COPE, RM 6,000/).</li> <li>6. Investigator: Evaluation of organ specific toxicity of petroleum ether, a laboratory toxin in laboratory animals (AIMST Internal grant, RM 10,000/-)</li> <li>7. Co-investigator: Evaluation of antihyperlipidemic activity of leaves of Polygonum Minus Huds., a Malaysian medicinal plant (AIMST Internal grant, RM 10,000/-)</li> <li>8. Co-investigator: Formulation and Pharmacokinetic Evaluation of Isradipine Sustained Release tablets – An approach for dose reduction (AIMST Internal grant, RM 10,000/-)</li> <li>9. Co-investigator: Effect of cleistanthin A and B on isolated rat heart (JIPMER Research fund Rs. 50,000/-)</li> </ol>
Consultancy	<ol style="list-style-type: none"> <li>1. <b>Editor-in-chief:</b> Journal of Young Pharmacists (Mar. 2012 to till date), Pharmacology, toxicology and Biomedical Reports (Jan. 2015 to Dec. 2018) and Journal of Pharmaceutical Negative Result (Oct. 2013 to Jun 2020).</li> <li>2. <b>Managing editor:</b> Free Radicals and Antioxidants (Jan. 2014 to till date)</li> <li>3. <b>Associate editor:</b> Journal of Pharmacology and Pharmacotherapeutics (Oct. 2012 to Dec. 2018), Systematic Reviews in Pharmacy (Jan. 2015 to Dec. 2018).</li> <li>4. <b>Editorial Board member</b> in Journal of Nanopharmaceuticals and Cancer Research (Dec. 2012 to till date), Pharmacognosy Magazine (Dec. 2013 to till date), International Journal of Clinical Therapeutics and Diagnosis (Jan. 2014 to till date), Research &amp; Reviews: A Journal of Pharmacognosy (Feb. 2014 to till date).</li> <li>5. <b>Assistant editor</b> in Journal of Pharmacology and Pharmacotherapeutics (Jan. 2012 to Sep. 2012)</li> <li>6. <b>Section editor</b> in Journal of Young Pharmacists (Sep. 2011 to Mar. 2012)</li> <li>7. <b>Editorial assistant</b> in Journal of Pharmacology and Pharmacotherapeutics (Dec. 2009 - Dec. 2011).</li> </ol>
Awards	
Professional Membership	<ul style="list-style-type: none"> <li>• Life time member in Indian Pharmacological Society since Dec 2006.</li> <li>• Life time member in the InPharm Association since Oct 2011.</li> <li>• Member of Asian council of science editor, Sep. 2014 to 2015.</li> </ul>
Supervision	<ul style="list-style-type: none"> <li>• Ph.D., (co-supervisor): 04 students</li> </ul>

	<ul style="list-style-type: none"><li>• Master (co-supervision): 08 students</li></ul>
Teaching	<ul style="list-style-type: none"><li>• Pharmacology (Undergraduate and Postgraduate)</li><li>• Pharmacotherapeutics</li><li>• Drug Abuse and society</li><li>• Pathology</li><li>• Research methodology (Undergraduate and Postgraduate)</li><li>• Computer science and statistics</li></ul>
Areas of Expertise	Pre-clinical pharmacology and toxicology
Contact Details	<a href="mailto:parasuraman@aimst.edu.my">parasuraman@aimst.edu.my</a> Ext: 1288