

Personal Details	Dr. S. Parasuraman
Academic Qualifications	M.Pharm., Ph.D.,
Administrative Duties	Unit Head Coordinator, University Animal Ethics Committee Convener, Faculty Academic Planning committee
Publications (last 5 years)	<ol style="list-style-type: none"> 1. Parasuraman S, Vedam Vaishnavi Venkata Kanthi, Uppugunduri Chakradhara Rao S. Functional role of natural antioxidants for controlling oxidative stress associated with SARS-Cov-2 infection, <i>Coronaviruses</i> 2022;3:e240322202607. 2. Narayanam H, Rajagopalan A, Parasuraman S, Chinni SV, Christopher PV. Caloric vestibular stimulation alleviates the motor dysfunctions in a mouse model of Parkinson's disease. <i>Int J Pharm Investig.</i> 2022;12(04):479-482. 3. Parasuraman S, Qi YZ, Jie LW. Hepato- and Nephroprotective Effects of Ethanolic Extract of Seeds of <i>Macrotyloma uniflorum</i> on Paracetamol-induced Hepato- and Nephrotoxicity in Rats. <i>Indian J Pharm Edu Res.</i> 2022;53(6):772-779. 4. George SD, Archana R, Parasuraman S. Caloric Vestibular Stimulation Induced Enhancement of Behavior and Neurotrophic Factors in Chronic Mild Stress Induced Rats. <i>Front Pharmacol.</i> 2022 ;13:834292 [PMID: 35600855]. 5. Gobinath R, Parasuraman S, Sreeramanan S, Enugutti B, Chinni SV. Antidiabetic and Antihyperlipidemic Effects of Methanolic Extract of Leaves of <i>Spondias mombin</i> in Streptozotocin-Induced Diabetic Rats. <i>Front Physiol.</i> 2022;13:870399 [PMID: 35620596]. 6. Parasuraman S, Vanishya R. In vitro Antioxidant Activity of Methanolic and Ethanolic Extracts of seeds of <i>Macrotyloma uniflorum</i>. <i>Free Radicals and Antioxidants.</i> 2021;11(1):24-6. 7. Parasuraman S, Hui LC, Beng JYK, Qin BNY. Effect of Epigallocatechin Gallate on Cadmium chloride-induced Changes in Behavior, Biochemical Parameters and Spermatogenesis of Male Sprague Dawley Rats. <i>Trop J Nat Prod Res.</i> 2021;5(3):549-554. 8. Gobinath R, Parasuraman S, Sreeramanan S, Chinni SV. Antidiabetic and Antihyperlipidemic Activities of Methanolic Extract of Leaves of <i>Coccinia grandis</i> in Diabetic Rats. <i>Int J Res Pharm Sci.</i> 2020;11(SPL4):2324-2331. 9. Parasuraman S, Perumal P. (2020) Siddha, an Indigenous Medical System of Peninsular India. In: Sen S., Chakraborty R. (eds) <i>Herbal Medicine in India.</i> Springer, Singapore. 10. Parasuraman S, 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. <i>Beni-Suef Univ J Basic Appl Sci.</i> 2020;9:55. 11. Parasuraman S, 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. <i>Indian J Exp Biol.</i> 2020;58(11):760-9. 12. Parasuraman S, Balamurugan S, Vanishya R. Overview of safety assessment and toxicological screening of dermal formulations. <i>SBV Journal of Basic, Clinical and Applied Health Science.</i> 2020;3(3): 96-103.

13. Aga QA, Nair AB, Hourani W, **Parasuraman S**, Mueen Ahmed KK, Sreeharsha N. Therapeutic Potential of Chymase Inhibitors in Cardiovascular Diseases: An Overview. *IJPER*. 2020;54(3):509-16.
14. **Parasuraman S**, Beng JY, Hui LC, Qin BN. Effect of Epigallocatechin Gallate on Cadmium Chloride-induced Oxidative Stress in Female Sprague Dawley Rats. *Free Radicals & Antioxidants*. 2020;10(1):29-34.
15. Singh R, **Parasuraman S**, Kathiresan S. Antioxidant and Antidiabetic Activities of Methanolic extract of Bark of *Cinnamomum zeylanicum* in Diabetic Rats. *Free Radicals & Antioxidants*. 2020;10(1); 16-23.
16. Jeevandran S, Geethaa S, Yi W, **Parasuraman S**, Karupiah S. Insignificant antidiabetic activities of ethanolic extracts of seeds of *Archidendron pauciflorum*. *J Pharm Negat Results*. 2020;11(1); 47-53.
17. Venkateskumar K, **Parasuraman S**, Chuen LY, Ravichandran V, Balamurgan S. Exploring antimicrobials from the flora and fauna of marine: Opportunities and limitations. *Curr Drug Discov Technol*. 2020;17(4):507-514.
18. Singh J, Singh R, **Parasuraman S**, Kathiresan S. Antimicrobial Activity of Extracts of Bark of *Cinnamomum cassia* and *Cinnamomum zeylanicum*. *Int J Pharm Investig*. 2020;10(2):141-5.
20. **Parasuraman S**, Ching TH, Leong CH, Banik U. Antidiabetic and antihyperlipidemic effects of a methanolic extract of *Mimosa pudica* (Fabaceae) in diabetic rats. *Egyptian Journal of Basic and Applied Sciences*. 2019;6(1):137-48.
21. Krishnamoorthy V, Chuen LY, Sivayogi V, Kathiresan S, Bahari MB, Raju G, **Parasuraman S**. Exploration of antioxidant capacity of extracts of *Perna viridis*, a marine bivalve. *Phcog Mag* 2019;15, Suppl S3:402-9.
22. David AVA, **Parasuraman S**. Lifestyle Impact on Cognitive Decline and Neurode-generation Overview. *Free Radicals and Antioxidants*. 2019;9(2):52-7
23. **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.
24. 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.
25. 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.
26. **Parasuraman S**. Herbal Drug Discovery: Challenges and Perspectives. *Curr Pharmacogenomics Person Med*. 2018;16(1):63-68.
27. 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.

	<p>28. Parasuraman S, Xin EY, Zou LN. Health hazards with electromagnetic radiation. <i>Int J Pharma Investig</i> 2018;8:157-63.</p> <p>29. Parasuraman S, Hoong SS, Zou LN, De Wei DL, Loshini S. Lack of antidiabetic effect of ethanolic extract of leaves of <i>Solanum trilobatum</i> Linn (Solanaceae). <i>J Pharm Negative Results</i> 2018;9:49-54</p> <p>30. Murugaiyah V, Ahmed Saeed MA, Kuong YM, Murugesu K, Parasuraman S, Asmawi MZ, Sadikun A. Lipid-lowering effect of hydroalcoholic extracts of <i>Gynura procumbens</i> in Chemical- and High-fat diet-induced hyperlipidemic rats. <i>Phcog Mag</i> 2018;14, Suppl S1:184-91.</p> <p>31. Singh J, Parasuraman S, Kathiresan S. Antioxidant and antidiabetic activities of methanolic extract of <i>Cinnamomum cassia</i>. <i>Phcog Res</i> 2018;10:237-42</p> <p>32. Parasuraman S, Ren LY, Chuon BLC, Wong Kah Yee S. Acute and sub-chronic toxicological evaluation of ethanol extract of <i>Solanum trilobatum</i> Linn. <i>Res J Pharmacogn.</i> 2018;5(1):13-21.</p> <p>33. 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. <i>Int J Pharm Investig.</i> 2017;7(3):125-131. [PMID: 29184824]</p> <p>34. Banik U, Parasuraman S, Adhikary AK, Othman NH. Curcumin: the spicy modulator of breast carcinogenesis. <i>J Exp Clin Cancer Res.</i> 2017;36(1):98. [PMID: 28724427]</p> <p>35. Parasuraman S, Zhen KM, Banik U, Christopher PV. Ameliorative effect of curcumin on olanzapine-induced obesity in Sprague-Dawley rats. <i>Phcog Res</i> 2017;9:247-52. [PMID: 28827965]</p> <p>36. Venkateskumar K, Parasuraman S, Gunasunderi R, Sureshkumar K, Nayak MM, Shah SA, Khoo K, Kai HW. Acyclovir-Polyethylene Glycol 6000 Binary Dispersions: Mechanistic Insights. <i>AAPS PharmSciTech.</i> 2017;18(6):2085-94. [PMID: 28004342].</p> <p>37. Christopher PV, Parasuraman S, Asmawi MZ, Murugaiyah V. Acute and subchronic toxicity studies of methanol extract of Polygonum minus leaves in Sprague Dawley rats. <i>Regul Toxicol Pharmacol.</i> 2017;86:33-41 [PMID: 28229903].</p> <p>38. 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 <i>Perna viridis</i>. <i>J Pharm Negative Results</i> 2017;8:37-42 .</p> <p>39. Parasuraman S, Chuen LY, Hoong SS, Wei DL, Zou LN, Loshini S. Poor antimicrobial activity of methanol and ethanol extract of leaves of <i>Solanum trilobatum</i> Linn. <i>J Pharm Negative Results</i> 2017;8:53-5</p> <p>40. Mohan CJ, Vannan M, Ali A, Parasuraman S. Evaluation of clinical efficacy of metformin therapy in polycystic ovary syndrome. <i>J Young Pharm</i> 2017;9(2):277-9.</p>
On-going Research	<ul style="list-style-type: none"> • Pre-clinical toxicity testing of herbal preparations • Pre-clinical toxicity testing on vaccines

Completed Research	<ul style="list-style-type: none"> • Effect of flavonoids on metal ions-induced toxicity • Toxicity testing of herbal preparations • Free-radical and antioxidant effect on plant extract • Systemic pharmacological effect of isolated phytoconstituents
Research Grants	<ul style="list-style-type: none"> • Co-investigator: Evaluation of efficacy and safety of phage cocktails in Salmonella-infected animal model and human cell line [FRGS/1/2022/STG01/AIMST/02/2; RM 1,55,500] • 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; RM 4,79,000] • Co-investigator: Investigation on Male Contraception Activity of Hibiscus Species- Molecular Insights [FRGS/1/2018/WAB13/AIMST/02/1; RM 112200] • 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; RM 185200] • 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; RM 89,200] • Investigator: Violation of publication ethics in bio-medical journal (Funded by COPE, RM 6,000/). • Investigator: Evaluation of organ specific toxicity of petroleum ether, a laboratory toxin in laboratory animals (AIMST Internal grant, RM 10,000/-) • Co-investigator: Evaluation of antihyperlipidemic activity of leaves of Polygonum Minus Huds., a Malaysian medicinal plant (AIMST Internal grant, RM 10,000/-) • Co-investigator: Formulation and Pharmacokinetic Evaluation of Isradipine Sustained Release tablets – An approach for dose reduction (AIMST Internal grant, RM 10,000/-) • Co-investigator: Effect of cleistanthin A and B on isolated rat heart (JIPMER Research fund Rs. 50,000/-)
Consultancy	<ul style="list-style-type: none"> • Editor-in-chief: 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). • Executive Editor: Journal of Pharmacology and Pharmacotherapeutics (Jan. 2022 to till date) • Managing editor: Free Radicals and Antioxidants (Jan. 2014 to till date) • Associate editor: Frontiers in Surgery (2022), Journal of Pharmacology and Pharmacotherapeutics (Oct. 2012 to Dec. 2018), Systematic Reviews in Pharmacy (Jan. 2015 to Dec. 2018),. • Editorial Board member 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 & Reviews: A Journal of Pharmacognosy (Feb. 2014 to till date)

	<p>till date).</p> <ul style="list-style-type: none"> • Assistant editor in Journal of Pharmacology and Pharmacotherapeutics (Jan. 2012 to Sep. 2012) • Section editor in Journal of Young Pharmacists (Sep. 2011 to Mar. 2012) • Editorial assistant in Journal of Pharmacology and Pharmacotherapeutics (Dec. 2009 - Dec. 2011).
Awards/ Achievements	<ul style="list-style-type: none"> • Secured the world's top 2% scientists of a single year for the years 2020, 2021 and 2022.
Professional Membership	<ul style="list-style-type: none"> • Lifetime member of Indian Pharmacological Society since Dec 2006. • Lifetime member of the InPharm Association since Oct 2011. • Member of Asian council of science editor, Sep. 2014 to 2015; 2021- till date.
Supervision	<ul style="list-style-type: none"> • Ph.D., (co-supervisor): 04 students • Master (co-supervision): 09 students
Teaching	<ul style="list-style-type: none"> • Anatomy & Physiology • Pathology • Pharmacology (Undergraduate and Postgraduate) • Pharmacotherapeutics • Drug Abuse and society • Research methodology and Biostatistics (Undergraduate and Postgraduate)
Areas of Expertise	<ul style="list-style-type: none"> • Pre-clinical pharmacology and toxicology
Contact Details	<ul style="list-style-type: none"> • parasuraman@aimst.edu.my • Ext: 1288