

PUBLICATIONS LIST 2016

1. Ahamed Basha A, Mathangi DC, Shyamala R. Effect of LED photobiomodulation on fluorescent light induced changes in cellular ATPases and Cytochrome c oxidase activity in Wistar rat. *Lasers Med Sci.* 2016;31(9):1803-9.
2. Ahmed SSSJ, Husain RSA, Kumar S, Ramakrishnan V. Association between MDR1 gene polymorphisms and Parkinson's disease in Asian and Caucasian populations: a meta-analysis. *J Neurol Sci.* 2016;368:255-62.
3. Alarasan AK, Agrawal J, Choudhary B, Melhotra A, Uike S, Mukherji A. Effect of dexamethasone in low volume supraclavicular brachial plexus block: A double-blinded randomized clinical study. *J Anaesthesiol Clin Pharmacol.* 2016;32(2):234-9.
4. Alexandar V, Nayar PG, Murugesan R, Shajahan S, Krishnan J, Ahmed SSSJ. A systems biology and proteomics-based approach identifies: SRC and VEGFA as biomarkers in risk factor mediated coronary heart disease. *Mol Biosyst.* 2016;12(8):2594-604.
5. Alexandar V, Saravanan R, Ahmed SSSJ. Marine informatics: A new area of research in biology. *Marine OMICS: Principles and Applications:* CRC Press; 2016. p. 421-40.
6. Begum R, Shree R. Correlation between red blood cell distribution width and b-type natriuretic peptide (BNP) in patients with acute coronary syndrome. *Int J Pharma Bio Sci.* 2016;7(1):B108-B15.
7. Bhalla D, Lotfalianezhad E, Timalsina U, Kapoor S, Kumar KS, Abdelrahman A, et al. A comprehensive review of epilepsy in the Arab world. *Seizure.* 2016;34:54-9.
8. Chari A, Rajesh P, Prabhu S. Estimation of serum lactate dehydrogenase in smokeless tobacco consumers. *Indian J Dent Res.* 2016;27(6):602-8.
9. Choccalingam C, Kannan A. Spectrum of changes in RBC indices and histograms in blood from subjects with cold antibodies. *J Clin Diagn Res.* 2016;10(11):ED10-ED1.
10. Eazhil R, Swaminathan S, Gunaseelan M, Kannan G, Alagesan C. Impact of implant diameter and length on stress distribution in osseointegrated implants: A 3D FEA study. *J Intl Soc Prev Community Dent.* 2016;6(6):590-6.
11. Eerike M, Konda VGR, Arunachalam R, Dawood U. Evaluation of antiepileptic activity of ethanolic extract of Azima tetracantha root in mice. *Intern J Curr Pharm Res.* 2016;8(4):76-9.
12. Einstien A, Virani RA. Clinical relevance of single-voxel 1H MRS metabolites in discriminating suprasellar tumors. *J Clin Diagn Res.* 2016;10(7).
13. Einstien A, Virani RA. Possible role of single-voxel 1h MRS in differential diagnosis of suprasellar tumours. *J Clin Diagn Res.* 2016;10(2):TC17-TC2018.
14. Ganesan P, Shanmugam P, Sattar SBA, Shankar SL. Evaluation of IL-6, CRP and hs-CRP as early markers of neonatal sepsis. *J Clin Diagn Res.* 2016;10(5):13-7.

15. Gopal R, Rani U, Murugesan R, Kumar K, Sanjeev G, Ganesan K. Functional Genomic Investigation of the Molecular Biological Impact of Electron Beam Radiation in Lymphoma Cells. *Clin Lymphoma Myeloma Leukemia*. 2016;16(5):253-63.e6.
16. Gowtham Kumar S. Microbial interaction on gastro intestinal system: Unique molecular signature in establishment of infections. *Disorders of Gastrointestinal Systems and Clinical Manifestations*: Nova Science Publishers, Inc.; 2016. p. 129-42.
17. Gunasekaran K, Pandiyan N. Preface. *Male Infertility: A Clinical Approach*. 2016:v.
18. Gunasekaran K, Pandiyan N. *Male infertility: A clinical approach*: Springer India; 2016. 1-250 p.
19. Haribabu V, Farook AS, Goswami N, Murugesan R, Girigoswami A. Optimized Mn-doped iron oxide nanoparticles entrapped in dendrimer for dual contrasting role in MRI. *J Biomed Mater Res Part B Appl Biomater*. 2016;104(4):817-24.
20. Imran A, Jayanthi P, Tanveer S, Gobu S. Classification of odontogenic cysts and tumors - Antecedents. *J Oral Maxillofac Pathol*. 2016;20(2):269-71.
21. Imran A, Parakh MK, Kumar SM, Nachiammai N, Sriram K. Periodontal health status and implication of periodic acid-Schiff diastase - a key in exfoliative cytology among diabetics mellitus patients: A case-control study. *Eur J Dent*. 2016;10(4):475-9.
22. Jayakumar V, Ahmed SSSJ, Ebenezar KK. Multivariate analysis and molecular interaction of curcumin with PPAR γ in high fructose diet induced insulin resistance in rats. *SpringerPlus*. 2016;5(1).
23. Jayanthi V, Sarika S, Varghese J, Vaithiswaran V, Sharma M, Reddy MS, et al. Composition of gallbladder bile in healthy individuals and patients with gallstone disease from north and South India. *Indian J Gastroenterol*. 2016;35(5):347-53.
24. Jindal A, Suriyan S, Sagadevan S, Narasimhan M, Shanmuganathan A, Vallabhaneni V, et al. Comparison of oral montelukast and intranasal fluticasone in patients with asthma and allergic rhinitis. *J Clin Diagn Res*. 2016;10(8):OC06-OC10.
25. Karthik R, Manigandan V, Saravanan R, Rajesh RP, Chandrika B. Structural characterization and in vitro biomedical activities of sulfated chitosan from Sepia pharaonis. *Int J Biol Macromol*. 2016;84:319-28.
26. Karthik R, Manigandan V, Sheeba R, Saravanan R, Rajesh PR. Structural characterization and comparative biomedical properties of phloroglucinol from Indian brown seaweeds. *J Appl Phycol*. 2016;28(6):3561-73.
27. Karthik R, Saravanan R. Study of Indian marine mollusks: A glycomic approach. *Marine OMICS: Principles and Applications*: CRC Press; 2016. p. 267-80.
28. Karthik R, Saravanan R. Proteoglycans from marine sponges and their biomedical applications. *Marine Sponges: Chemicobiological and Biomedical Applications*: Springer India; 2016. p. 287-304.

29. Karthikeyan K, Swaminathan P, Nalini AP, Ramji B, Thatheus A. Screening for thyroid dysfunction in 1st trimester of pregnancy. *J SAFOG.* 2016;8(2):154-6.
30. Kathiresan V, Subburaman S, Krishna AV, Natarajan M, Rathinasamy G, Ganesan K, et al. Naringenin ameliorates doxorubicin toxicity and hypoxic condition in Dalton's lymphoma ascites tumor mouse model: Evidence from electron paramagnetic resonance imaging. *J Environ Pathol Toxicol Oncol.* 2016;35(3):249-62.
31. Khadir MA, Narayana G, Ramagopal G, Nayar PG. Isolated hypoplasia of left pulmonary artery with agenesis of left lobe of thyroid: A case report. *J Clin Diagn Res.* 2016;10(12):SD04-SD6.
32. Konar H, Sarkar M, Paul J. Perinatal Outcome of the Second Twin at a Tertiary Care Center in India. *J Obstet Gynecol India.* 2016;66(6):441-7.
33. Konda VGR, Eerike M, Raghuraman LP, Rajamanickam MK. Antioxidant and nephroprotective activities of aconitum heterophyllum root in glycerol induced acute renal failure in rats. *J Clin Diagn Res.* 2016;10(3):FF01-FF5.
34. Konda VR, Arunachalam R, Eerike M, Rao K R, Radhakrishnan AK, Raghuraman LP, et al. Nephroprotective effect of ethanolic extract of Azima tetracantha root in glycerol induced acute renal failure in Wistar albino rats. *J Tradit Complement Med.* 2016;6(4):347-54.
35. Krishnan S, Narayan S, Chadha A. Whole resting cells vs. cell free extracts of Candida parapsilosis ATCC 7330 for the synthesis of gold nanoparticles. *AMB Express.* 2016;6(1).
36. Manigandan V, Karthik R, Ramachandran S. Anti-inflammatory effect of polymer from cephalopod against experimentally induced intestinal bowel disease in zebra fish model. *Disorders of Gastrointestinal Systems and Clinical Manifestations:* Nova Science Publishers, Inc.; 2016. p. 25-45.
37. Manivannan J, Prashanth M, Saravana Kumar V, Shairam M, Subburaj J. Systems biological understanding of the regulatory network and the possible therapeutic strategies for vascular calcification. *Mol Biosyst.* 2016;12(12):3683-94.
38. Markandeyan D, Kannaiyan S, Suresh S, Nimmakayala R, Ilamurugan R, Santhalingam K, et al. Virtual screening of phytochemicals for methotrexate like dihydrofolate reductase and aminoimidazole-4-carboxamide ribonucleotide (AICAR) transformylase inhibitory property using Molegro virtual docker. *Int J Pharmcy Pharm Sci.* 2016;8(5):83-7.
39. Muniraj F, Siddaraju N, Sistla SC. Role of brush cytology in the diagnosis of neoplastic and non-neoplastic upper gastrointestinal lesions. *Cytopathology.* 2016;27(6):407-17.
40. Muthiah T, Arora MK, Trikha A, Sunder RA, Prasad G, Singh PM. Efficacy of magnesium as an adjuvant to bupivacaine in 3-in-1 nerve block for arthroscopic anterior cruciate ligament repair. *Indian J Anaesth.* 2016;60(7):491-5.
41. Muthiah T, Mathews L, Sivashankar KR. Potential threat of meningitis from ampoule impurities: Prevention is always better than cure! *Indian J Anaesth.* 2016;60(2):145-6.

42. Muthiah T, Moni A, Mathews L, Balaji S. Intravenous labetolol in treating hypertensive crisis following dexmedetomidine infusion for procedural sedation. *J Clin Anesth.* 2016;29:30-2.
43. Muthusami S, Gopalakrishnan V, Stanley JA, Krishnamoorthy S, Ilangovan R, Gopalakrishnan VK, et al. Cissus quadrangularis prevented the ovariectomy induced oxidative stress in the femur of adult albino rats. *Biomed Pharmacother.* 2016;81:416-23.
44. Nagappan N, John J, Gopinath NM, Elango SK, Mathevan Pillai DD, Mani M. Antimicrobial Effectiveness of Herbal and 0.2% Chlorhexidine Mouthrinse against Streptococcus mutans: An In-vitro Study. *J Int Oral Health.* 2016;8(6):683-6.
45. Namasivayam S. Chitosan and its derivatives for gastrointestinal disorders. *Disorders of Gastrointestinal Systems and Clinical Manifestations:* Nova Science Publishers, Inc.; 2016. p. 261-74.
46. Naveen GH, Varambally S, Thirthalli J, Rao M, Christopher R, Gangadhar BN. Serum cortisol and BDNF in patients with major depression—effect of yoga. *Int Rev Psychiatry.* 2016;28(3):273-8.
47. Palaniappan A, Ramar K, Ramalingam S. Computational identification of novel stage-specific biomarkers in colorectal cancer progression. *PLoS ONE.* 2016;11(5).
48. Pandiyan N, Khan SD. A clinical approach to male infertility. *Male Infertility: A Clinical Approach:* Springer India; 2016. p. 41-54.
49. Pitchappan RM. Not all the infected develop the disease - A "Lotus and Cactus" model. *Infec Genet Evol.* 2016;40:303-9.
50. Poornima V, Alexandar V, Iswariya S, Perumal PT, Uma TS. Gold nanoparticle-based nanosystems for the colorimetric detection of Hg²⁺ ion contamination in the environment. *RSC Adv.* 2016;6(52):46711-22.
51. Radha RKN, Selvam D. MPV in uncontrolled & controlled diabetics- its role as an indicator of vascular complication. *J Clin Diagn Res.* 2016;10(8):EC22-EC6.
52. Raghavan V, Gunasekar D, Rao KR. Relevance of haematologic parameters in obese women with or without metabolic syndrome. *J Clin Diagn Res.* 2016;10(5):EC11-EC6.
53. Raja SAJ, Raja JJ, Vijayashree R, Priya BM, Anusuya GS, Ravishankar P. Evaluation of oral and periodontal status of leprosy patients in Dindigul district. *J Pharm Bioallied Sci.* 2016;8:S119-S21.
54. Rajagopal S, Murugan S, Ramachandran S. Disorders of gastrointestinal systems and clinical manifestations: Nova Science Publishers, Inc.; 2016. 1-323 p.
55. Ramagopal G, Brow E, Mannu A, Vasudevan J, Madevi L. Demographic, clinical and hematological profile of children with bronchiolitis: A comparative study between respiratory syncytial virus [RSV] and [Non RSV] groups. *J Clin Diagn Res.* 2016;10(8):5-8.

56. Ramakrishnan V, Alphonsa TA, Husain RA, Ahmed SS, Subramaniyan K, Kumar S. Association of rs1801582 and rs1801334 PARK2 Polymorphisms with risk of Parkinson's disease: A case-control study in South India and Meta-Analysis. *Meta Gene.* 2016;10:32-8.
57. Ramesh V. Bedside computed tomography in traumatic brain injury. *Neurol India.* 2016;64(1):12-3.
58. Ramesh VG. Author's reply: Surgical approaches to trigeminal neuralgia. *Neurol India.* 2016;64(6):1392-3.
59. Ramesh VG. Diagnosis and prediction of surgical outcome in normal pressure hydrocephalus. *J Neurosurg.* 2016;125(3):783.
60. Reddy GMM, Nisha B, Prabhushankar T, Vishwambhar V. Musculoskeletal morbidity among construction workers: A cross-sectional community-based study. *Indian J Occup Environ Med.* 2016;20(3):144-9.
61. Reddy N, Swamy V, Pandiyan N, Dupesh S. Sexual dysfunction and infertility. *Male Infertility: A Clinical Approach:* Springer India; 2016. p. 231-42.
62. Sanyal J, Ahmed SSSJ, Ng HKT, Naiya T, Ghosh E, Banerjee TK, et al. Metallomic Biomarkers in Cerebrospinal fluid and Serum in patients with Parkinson's disease in Indian population. *Sci Rep.* 2016;6.
63. Saravanan R, Karthik R, Shanmugam A. Partial sequencing, structural characterization, and anticoagulant activity of heparan sulfate and sulfated chitosan from selected Indian marine mollusks. *Marine Glycobiology: Principles and Applications:* CRC Press; 2016. p. 129-43.
64. Seethalakshmi C, Jagat Reddy RC, Asifa N, Prabhu S. Correlation of salivary pH, incidence of dental caries and periodontal status in diabetes mellitus patients: A cross-sectional study. *J Clin Diagn Res.* 2016;10(3):ZC12-ZC4.
65. Senthil D, Senthil Eagappan AR, Sathiyajeeva J, Ramkumar S, Srinivasan D, Loui J. Comparison of the Accuracy of Propex II Electronic Apex Locator and Conventional Radiography for Working Length Determination in Primary Anterior Teeth. *J Int Oral Health.* 2016;8(6):729-32.
66. Senthil Eagappan AR, Rao VAP, Sujatha S, Senthil D, Sathiyajeeva J, Rajaraman G. Evaluation of salivary nitric oxide level in children with early childhood caries. *Dent Res J.* 2016;13(4):338-41.
67. Senthilnayagam B, Karthikeyan S, Sukumaran J, Srivatsan A, Rao R, Subbiah V. Decidual CD56+ natural killer cells in spontaneous early pregnancy loss- an immunohistochemical study. *J Clin Diagn Res.* 2016;10(10):EC27-EC9.
68. Shanmuga Priya R, Malligai E, Suganya, Rajagopalan B. A study to determine the association of gammaglutamyl transferase levels in metabolic syndrome. *Int J Pharm Sci Rev Res.* 2016;40(1):128-30.

69. Shanmugam R, Thamaraihelvan A, Ganesan TK, Viswanathan B. Carbon dioxide activation and transformation to HCOOH on metal clusters (M = Ni, Pd, Pt, Cu, Ag & Au) anchored on a polyaniline conducting polymer surface-an evaluation study by hybrid density functional theory. *RSC Adv.* 2016;6(103):100829-940.
70. Shanmugasundaram K, Vedam VKV, Ganapathy S, Sathish S, Satti P. Congenital Hemifacial Hyperplasia: Clinical Presentation and Literature Review. *Case Rep Dent.* 2016;2016.
71. Sreekanth MS, Esdan Basha SK, Arun Kumar G, Govindaraju S, Pradeep Nayar N, Pitchappan RM. Association of IL-1 β +3953 C and HLA-DRB1*15 with Coronary Artery and Rheumatic Heart Diseases in South India. *Hum Immunol.* 2016;77(12):1275-9.
72. Subramanian R, Nayar S, Meyyappan C, Ganesh N, Chandrakasu A, Nayar PG. Effect of enhanced external counter pulsation treatment on aortic blood pressure, arterial stiffness and ejection fraction in patients with coronary artery disease. *J Clin Diagn Res.* 2016;10(10):OC30-OC4.
73. Suganya S, Malligai E, Shanmuga Priya R, Rajagopalan B. A cross sectional study to determine the association between metabolic syndrome and hypothyroidism among women population. *Int J Pharm Sci Rev Res.* 2016;40(1):125-7.
74. Suriyan S, Sharma R, Narasimhan M, Shanmuganathan A, Rajendran A. A case of pleuroparenchymal metastasis: Rare aetiology. *J Clin Diagn Res.* 2016;10(4):OD03-OD5.
75. Swarnapriya K, Kavitha D, Mohan Reddy GM. Knowledge, attitude and practices regarding HPV vaccination among medical and para medical in students, India a cross sectional study. *Asian Pac J Cancer Preven.* 2016;16(18):8473-7.
76. Vadekeetil A, Alexandar V, Chhibber S, Harjai K. Adjuvant effect of cranberry proanthocyanidin active fraction on antivirulent property of ciprofloxacin against *Pseudomonas aeruginosa*. *Microp Pathog.* 2016;90:98-103.
77. Venkataraman S, Narayan S, Chadha A. Direct observation of redox reactions in *Candida parapsilosis* ATCC 7330 by Confocal microscopic studies. *Sci Rep.* 2016;6.
78. Venkatesan M, Ramachandran K, Barathkumar TR, Lekshmisree SL, Pugalzhenthil R, Jayachandran S, et al. Ameliorative role of marine seaweed bioactives against Parkinson's disease. *Food and Parkinson's Disease: Nova Science Publishers, Inc.*; 2016. p. 173-92.
79. Vimaladevi M, Divya KC, Girigoswami A. Liposomal nanoformulations of rhodamine for targeted photodynamic inactivation of multidrug resistant gram negative bacteria in sewage treatment plant. *J Photochem Photobiol B Biol.* 2016;162:146-52.
80. Yaqub M, Ismail S, Babiker S, Sathyanarayana Rao TS. Psychiatrists' responsibilities with regards to patients' fitness to drive. *Indian J Psychiatry.* 2016;58(3):287-90.
81. Ramagopal G, Guru R, Suresh P, Moorthy G, Devi L. Sacrococcygeal Teratoma: Mistreated With Repeated Aspirations. *APSP Journal of Case Reports.* 2016;7(3):26.

82. Soundararajan N, Shanmugam P, Devanbu C, Sattar SBA. A study on the aac-(61)-Ib-cr gene prevalence among ciprofloxacin-resistant strains of uropathogenic Enterobacteriaceae. International Journal of Applied and Basic Medical Research. 2016;6(4):258.
83. Kalpana Mali, Manoj Vasudevan, C. Charanya Siddharam Janti. Clomiphene Citrate Induced Maculopathy. International Journal of Health Sciences and Research. 2016;6(7):406-409.
84. G. Sangeetha and C.N. Ramgopal. Factors contributing to marital compatibility and their relationship to personality, emotional maturity and mental health. Journal of Psychological Researches. 2016;60(1):72-79.
85. Rajkumar D, Savarimuthu R. Effectiveness of acupressure on improvement of sleep quality among elderly. Indian Journal of Continuing Nursing Education. 2016;17(2):62-4.
86. Neethu Hai, Abirami.R, Nishath Yasmin.J, Rathiga.A. A Crossectional Observational Study to Assess Distribution of the Blood Pressure and It's Association With Biophysical Profile Among Selected College Students in Kancheepuram District Tamilnadu,India. Global Journal For Research Analysis. 2016; 5(7):8160.
87. Javvadi S., Agarwal S.S., Mestri S.C., Hemanth Raj M.N., Vijay Kumar A.G., Ajay Kumar T.S. A cross sectional study of age related pubic symphyseal changes in 3rd and 4th decades of life. Medico-Legal Update. 2016; 16(2):114-119.
88. Vijay Kumar A.G., Javvadi S. Facial bone fractures in road traffic accident: A post mortem study. Medico-Legal Update. 2016; 16(2):217-219.
89. Venkatesan M, Ramachandran K, Barathkumar TR, Lekshmisree SL, Pugalzhenthil R, Jayachandran S, et al. Ameliorative role of marine seaweed bioactives against Parkinson's disease. Food and Parkinson's Disease: Nova Science Publishers, Inc.; 2016. p. 173-92.
90. Manigandan V, Karthik R, Ramachandran S. Anti-inflammatory effect of polymer from cephalopod against experimentally induced intestinal bowel disease in zebra fish model. Disorders of Gastrointestinal Systems and Clinical Manifestations: Nova Science Publishers, Inc.; 2016. p. 25-45.
91. Namasivayam S. Chitosan and its derivatives for gastrointestinal disorders. Disorders of Gastrointestinal Systems and Clinical Manifestations: Nova Science Publishers, Inc.; 2016. p. 261-74.
92. Rajagopal S, Murugan S, Ramachandran S. Disorders of gastrointestinal systems and clinical manifestations: Nova Science Publishers, Inc.; 2016. 1-323 p.
93. Alexandar V, Saravanan R, Ahmed SSSJ. Marine informatics: A new area of research in biology. Marine OMICS: Principles and Applications: CRC Press; 2016. p. 421-40.
94. Gowtham Kumar S. Microbial interaction on gastro intestinal system: Unique molecular signature in establishment of infections. Disorders of Gastrointestinal Systems and Clinical Manifestations: Nova Science Publishers, Inc.; 2016. p. 129-42.

95. Haribabu V, Farook AS, Goswami N, Murugesan R, Girigoswami A. Optimized Mn-doped iron oxide nanoparticles entrapped in dendrimer for dual contrasting role in MRI. Journal of biomedical materials research Part B, Applied biomaterials. 2016;104(4):817-24.

96. Saravanan R, Karthik R, Shanmugam A. Partial sequencing, structural characterization, and anticoagulant activity of heparan sulfate and sulfated chitosan from selected Indian marine mollusks. Marine Glycobiology: Principles and Applications: CRC Press; 2016. p. 129-43.

97. Karthik R, Saravanan R. Proteoglycans from Marine Sponges and Their Biomedical Applications. In: Pallela R, Ehrlich H, editors. Marine Sponges: Chemicobiological and Biomedical Applications. New Delhi: Springer India; 2016. p. 287-304.

98. Reddy N, Swamy V, Pandiyan N, Dupesh S. Sexual dysfunction and infertility. Male Infertility: A Clinical Approach: Springer India; 2016. p. 231-42.

99. Karthik R, Saravanan R. Study of Indian marine mollusks: A glycomic approach. Marine OMICS: Principles and Applications: CRC Press; 2016. p. 267-80.