

PUBLICATIONS

1. Pepsinogen polymorphism in the Indian population and its association with duodenal ulcer. *Hum Genet.* 1997 Dec; 101 (2):201-4. (doi: 10.1007/s004390050614. PMID: 9402969).
2. A common MYBPC3 (cardiac myosin binding protein C) variant associated with cardiomyopathies in South Asia, *Nature Genetics* 41, 187 – 191, 2009. (<https://doi.org/10.1038/ng.309>)
3. Genes governing premature ovarian failure, *Reproductive BioMedicine Online* (2010) 20, 724– 740. (doi: 10.1016/j.rbmo.2010.02.018.)
4. *Helicobacter pylori* infection in relation to Gastric cancer progression. *Ind.J. Cancer.*2011; 48(1): 80- 84. (IF- 1.31). (DOI: 10.4103/0019-509X.75840)
5. Molecular genetics of familial hypertrophic cardiomyopathy (FHC), *J Hum Genetics* 2013 48; 55-64. Citations 55. (DOI: 10.1007/s100380300007)
6. Haplotypes of NOS3 gene polymorphisms in Dilated Cardiomyopathy, *PLOS ONE* 8(7) :e70523, 2013 (<https://doi.org/10.1371/journal.pone.0070523>)
7. Role of IL-10 -819(T/C) Promoter Polymorphism in Preeclampsia. *Inflammation.* 2014 Aug;37(4):1022-7. (doi: 10.1007/s10753-014-9824-2)
8. Association of endothelial nitric oxide synthase gene T-786 C promoter polymorphism with gastric cancer. *World Journal of Gastrointestinal Oncology* 2015 Jul 15; 7(7): 87– 94 (DOI: 10.4251/wjgo.v7.i7.87)
9. Significant Association of Interleukin4 Intron 3 VNTR Polymorphism with Susceptibility to Gastric Cancer in a South Indian Population from Telangana. *PLoS ONE* 10(9): 2015; e0138442. doi:10.1371/journal.pone.0138442.
10. Detection and evaluation of estrogen DNA-adducts and their carcinogenic effects in cultured human cells using biotinylated estradiol. *Molecular Carcinogenesis* 2016; 56 : 1010-1020. doi: 10.1002/mc.22566..
11. Haplotype analysis of IL-10 gene polymorphism in couples with spontaneous abortions and aborted fetuses. *Immunologic Research* (2017) 65:853–861, DOI 10.1007/s12026-017-8923-1.
12. A family based triad study evaluating the role of MTHFR gene polymorphisms in spontaneous abortions. *Gene Reports* 10 (2018), December 5.doi.org/10.1016/j.genrep.2017.12.001.2452-0144.
13. A Complete Absence of Missense Mutation in Myosin Regulatory and Essential Light Chain Genes of South Indian Hypertrophic and Dilated Cardiomyopathies. *Cardiology* 2018; 141:156–166. <https://doi.org/10.1159/000495027>.

14. Association Of Genetic Polymorphism Of Vascular Endothelial Growth Factor In The Etiology Of Recurrent Pregnancy Loss – A Triad Study. *Journal of Assisted Reproduction and Genetics* 2019 May;36(5):979-988.doi: 10.1007/s10815-019-01431-y.
15. COVID-19 and its impact on neurological manifestations and mental health: the present scenario. *Neurological Sciences* (2020) 41:3015–3020. <https://doi.org/10.1007/s10072-020-04695-w>.
16. Genetic Polymorphisms of Vascular Endothelial Growth Factor (VEGF) -2549 I/D and +405G/C in the susceptibility to Gastric Cancer. *Arch Clin Gastroenterol* 7(1): 001-006. DOI: <https://dx.doi.org/10.17352/2455-2283.000088>
17. Imine stilbene analog ameliorate isoproterenol - induced cardiac hypertrophy and hydrogen peroxide-induced apoptosis *Free Radical Biology Medicine* 153 (2020) 80–88. (<https://doi.org/10.1016/j.freeradbiomed.2020.04.014>.)
18. Association of ABCC8 and KCNJ11 gene variants with Type 1 Diabetes in South Indians. *Egyptian Journal of Medical Human Genetics. an Genetics* (2021) 22:27 <https://doi.org/10.1186/s43042-021-00149-w>
19. Pawar Inhibition of Inducible Nitric Oxide Synthase (iNOS) by Andrographolide and In Vitro Evaluation of Its Antiproliferative and Proapoptotic Effects on Cervical Cancer. *Oxid. Med. Cell. Longev.* 2021; Article ID 6692628. <https://doi.org/10.1155/2021/6692628>
20. Crocin inhibits urea-induced amyloid formation by bovine β -lactoglobulin. *New J. Chem.* (2021); 45: 2589-2596. DOI: 10.1039/d0nj02335c.
21. Andrographolide suppresses cisplatin-induced endothelial hyperpermeability through activation of PI3K/Akt and eNOS–derived nitric oxide. *Bioorg. Med. Chem.* (2020); 28: 115809. <https://doi.org/10.1016/j.bmc.2020.115809>
22. Development and characterization of ω -3 fatty acid nanoemulsions with improved physicochemical stability and bioaccessibility. *Colloids Surf. A Physicochem. Eng. Asp.* (2020); 125515. <https://doi.org/10.1016/j.colsurfa.2020.125515>
23. Zinc-dependent changes in oxidative and endoplasmic reticulum stress during cardiomyocyte hypoxia/reoxygenation. *Biol. Chem.* (2020); 401: 1257–1271. <https://doi.org/10.1515/hsz-2020-0167>
24. Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses. *Mol. Cell. Biochem.* (2019); 458 27–37. <https://doi.org/10.1007/s11010-019-03527-6>
25. Low Ctr1p, due to lack of Sco1p results in lowered cisplatin uptake and mediates insensitivity of rho0 yeast to cisplatin. *J Inorg Biochem.* (2018); 187:14-24. doi: 10.1016/j.jinorgbio.2018.07.003.

26. Silencing of PKC- α , TRPC1 or NF- κ B expression attenuates cisplatin-induced ICAM-1 expression and endothelial dysfunction. *Biochem Pharmacol* (2015); 98:78-91 <https://doi.org/10.1016/j.bcp.2015.08.101>
27. In vitro biological evaluation of glyburide as potential inhibitor of collagenases. *Int J Biol Macromol*. (2014);70:187-92. doi: 10.1016/j.ijbiomac.2014.06.054.
28. Effect of dietary antioxidants on the cytostatic effect of acrylamide during copper-deficiency in *Saccharomyces cerevisiae*. *Food Funct*. (2014); 5(4): 705-15. doi: 10.1039/c3fo60483g.
29. Advanced glycation end products: role in pathology of diabetic cardiomyopathy. *Heart Fail Rev*. (2014); 19(1):49-63. DOI 10.1007/s10741-013-9374-y
30. Lymphocytes with cytotoxic activity induce rapid microtubule axonal destabilization independently and before signs of neuronal death. *ASN Neuro* (2013); 5:e00105.doi:10.1042/AN20120087
31. Effect of vitamin supplementation on cisplatin-induced intestinal epithelial cell apoptosis in Wistar/NIN rats. *Nutrition* (2012); 5:572-80. <https://doi.org/10.1016/j.nut.2011.09.007>
32. Effects of vitamin restriction and supplementation on rat intestinal epithelial cell apoptosis. *Free Radic. Biol. Med.* (2005);38:1614-24. doi:10.1016/j.freeradbiomed.2005.02.029
33. TNF- α Haplotype Association With Polycystic Ovary Syndrome – A South Indian Study. Published in *J Assist Reprod Genet*. 2013; 30(11): 1493–1503. DOI 10.1007/s10815-013-0080-4 (**Springer**)
34. CYP11A1 microsatellite (tttta)_n polymorphism in PCOS women from South India. Published in *J Assist Reprod Genetics* 2014;31(7):857-63 DOI 10.1007/s10815-014-0236-x (**Springer**)
35. Seroprevalence and influence of torch infections in High Risk Pregnant women – A Large study from South India *J Obstet Gynecol India* (2015) 65: 301. 10.1007/s13224-014-0615-3 (**Springer**)
36. Association of FOXP3 rs3761548 polymorphism and its reduced expression with unexplained recurrent spontaneous abortions: A South Indian study. *American Journal of Reproductive Immunology*. 2021; <https://doi.org/10.1111/aji.13431>
37. The insertion/deletion (i/d) polymorphism in the angiotensin converting enzyme gene and recurrent pregnancy loss *International Journal of Recent Scientific Research*. 2018;9;5;26769-72. DOI: <http://dx.doi.org/10.24327/ijrsr.2018.0905.2118>
38. Molecular Docking studies of FKBP12-mTOR inhibitors using binding predictions. *Bioinformation*,11(6),307-315 (2015); doi: [10.6026/97320630011307](https://doi.org/10.6026/97320630011307)

- 39.** Analysis of ADRB2 (Arg16Gly) gene variant with susceptibility, pharmacogenetic response and disease severity in South Indian Asthmatics.; *Inflammation*, doi 10.1007/s10753-015-0197- (published online :13 June 2015), DOI: [10.1007/s10753-015-0197-y](https://doi.org/10.1007/s10753-015-0197-y)
- 40.** Identification of High Affinity Non-peptidic small molecule inhibitors of MDM2-P53 interactions through structure based virtual screening strategies, *Vol 16 (9) ,3759-3765 (2015)*. DOI: [10.7314/apjcp.2015.16.9.3759](https://doi.org/10.7314/apjcp.2015.16.9.3759).