

Research articles

1. RevathyNadhan, Jayashree V Vaman, Satheesh Kumar Sengodan, Sreelatha K Hemalatha, C Nirmala, SanthaSadasivan, P V Aysha, SreelekhaYesodharan, R S Krishnapriya, B V Amritha Krishna, Sreevidya P S, ArathiRajan, NeethaRajanLatha, Geetu Rose Varghese, RatheeshkumarThankappan, SaradaAchyutuni, Dev S U Jithin, T V Anil Kumar, **Priya Srinivas**, BRCA1 promoter hypermethylation in human placenta: A hidden link with β -hCG expression, *Carcinogenesis*, bgz117, <https://doi.org/10.1093/carcin/bgz117>; Published Online 14 June 2019.
2. Satheesh Kumar Sengodan, Sreelatha K Hemalatha, RevathyNadhan, TharaSomanathan, Arun Peter Mathew, ArkadiuszChil, JanuszKopczynski, Rakesh Sathish Nair, Jerald Mahesh Kumar, Priya Srinivas, β -hCG-induced mutant BRCA1 ignites drug resistance in susceptible breast tissue, *Carcinogenesis*, , bgz070, <https://doi.org/10.1093/carcin/bgz070>
3. Sreelatha K Hemalatha, satheeshkumarsengodan, RevathyNadhan, Jithin Dev, Reshma R Sushama, VeenaSomasundaram, RatheeshkumarThankappan, ArathiRajan, Neetha Rajan Latha, Geetu Rose Varghese, Arun Peter Mathew, TharaSomanathan, and Priya Srinivas. BRCA1 defective breast cancer cells induce in vitro transformation of cancer associated fibroblasts (CAFs) to metastasis associated fibroblasts (MAF). *Scientific reports*, 2018 Sep 17;8(1):13903. doi: 10.1038/s41598-018-32370-w.
4. Priya Srinivas &MadhavanRadhakrishna Pillai, Challenges in modulating insulin receptor signalling as a therapeutic strategy for cancer. *Indian J Med Res* 147, June 2018, pp 530-532 DOI: 10.4103/ijmr.IJMR_732_18
5. Abhishek Shankar, Rakesh Thakur, NanduMeshram, KeduovinuKeditsu, Priya Srinivas. NCI Summer Curriculum in Cancer Control and Prevention – A Practice Changing Course for Oncologists from Limited Resource Country Like India, *Asian Pac J Cancer Prev*, 19 (5), 2018, 1157-1160.
6. Satheesh Kumar Sengodan, ArathiRajan, Sreelatha KrishnakumarHemalatha, RevathyNadhan, Abdul Jaleel and Priya Srinivas. Proteomic profiling of β -hCG induced spheres in BRCA1 defective triple negative breast cancer cells. *Journal of Proteome Research*, Publication Date (Web): October 13, 2017; DOI: 10.1021/acs.jproteome.7b00562.**IF. 4,268.**
7. Satheesh Kumar Sengodan, RevathyNadhan, Rakesh Sathish Nair, Sreelatha K Hemalatha, VeenaSomasundaram, Reshma R S, ArathiRajan, Neetha R L, Geetu Rose Varghese, RatheeshkumarThankappan, Jerald Mahesh Kumar, ArkadiuszChil, ThapasimuthuVijayammaAnilkumar, **Priya Srinivas**. BRCA1 regulation on β -hCG: A mechanism for tumorigenicity in BRCA1 defective breast cancer. *Oncogenesis*, 2017 Sep 4;6(9):e376. doi: 10.1038/oncsis.2017.75.**IF. 5.021**
8. Rakesh Sathish Nair, EaswaranPottiManoj, RatheeshkumarThankappan, SivakumarKrishnankutty Chandrika, M.R. PrathapachandraKurup and Priya Srinivas. [Molecular trail for the anticancer behavior of a novel copper carbohydrazone complex in](#)

- [BRCA1 mutated breast cancer](#). Molecular Carcinogenesis. 2017 May;56(5):1501-1514. doi: 10.1002/mc.22610. **IF. 4.185**
9. VeenaSomasundaram, Sreelatha K Hemalatha, Krishnendu Pal, SutapaSinha,Asha S. Nair, DebabrataMukhopadhyay, Priya Srinivas. Selective mode of action of plumbagin through BRCA1 deficient breast cancer stem cells BMC Cancer, 2016 May 26;16(1):336. doi: 10.1186/s12885-016-2372-4. **IF. 3.362**
 10. Rakesh. S, Jerald. M. K, Jedy J, Veena S, Sreelatha K. H, Satheesh K S, Revathy, Anilkumar T & **Priya Srinivas**, Increased sensitivity of *BRCA* defective triple negative breast tumors to plumbagin through induction of DNA Double Strand Breaks (DSB). Scientific Reports. 2016 May 25;6:26631. doi: 10.1038/srep26631. **IF. 5.578**
 11. Reshma RS, Sreelatha KH, VeenaSomasundaram, Satheesh Kumar S, Revathy, Rakesh Sathish Nair, Priya Srinivas. Plumbagin, a naphthaquinone derivative induces apoptosis and in BRCA 1/2 defective castrate resistant prostate cancer cells as well as prostate cancer stem-like cells. Pharmacological Research Volume 105, March 2016, Pages 134–145. . **IF. 4.408**
 12. P.M. Aswathy, P.S. Jairani, Joe Verghese, Srinivas Gopala, Priya Srinivas, P.S. MathuranathProgranulin mutation analysis: Identification of one novel mutation in exon 12 associated with frontotemporal dementia. Neurobiology of Aging. 2015, Dec 8. doi: 10.1016/j.neurobiolaging.2015.11.026. **IF.5.013**.
 13. Rakesh S Nair; Mini Kuriakose; VeenaSomasundaram; VineshShenoi; M.R. PrathapachandraKurup; Priya Srinivas, The Molecular Response of a Novel Vanadium Complex of NicotinoylHydrazone in Cervical Cancers - A Possible Interference with HPV Oncogenic Markers. Life Sciences 116 (2014) 90–97. IF. 2.538. **IF. 2.538**
 14. Priya Srinivas, David Wink, Kochupurackal P. Mohanakumar, M. Radhakrishna Pillai. The Legacy of Nitric Oxide: Impact on Disease Biology, Nitric Oxide Biology and Chemistry, Nitric Oxide. 2014 Dec 1;43:1-2. doi: 10.1016/j.niox.2014.09.005 (Editorial).
 15. Vinod Vijayakurup, Carmela Spatafora, CorradoTringali, PadmakrishnanChorakkode, Jayakrishnan, Priya Srinivas, Srinivas GopalaPhenethylcaffeatebenzoxanthene lignan is a derivative of caffeic acid phenethyl ester that induces bystander autophagy in WiDr cells.Molecular Biology Reports, 2014 Jan;41(1):85-94.
 16. Sinha, S., Pal, K., Elkhanany, A., Dutta, S., Cao, Y., Mondal, G., Iyer, S., Somasundaram, V., Couch, F. J., Shridhar, V., Bhattacharya, R., Mukhopadhyay, D. and Srinivas, P. Plumbagin inhibits tumorigenesis and angiogenesis of ovarian cancer cells *in vivo*. Int. J. Cancer: 132, 1201-1212 (2013). **IF 6.198**.
 17. Thasni KA, Ratheeshkumar T, Rojini G, Sivakumar KC, Rakesh Sathish Nair, Srinivas G, Asoke Banerji, VeenaSomasundaram, Priya Srinivas. Structure activity relationship of Plumbagin in BRCA1 related Cancer Cells. MolCarcinog. 52, 392-403 (2013). **IF 4.269**.
 18. V Vijyakurup, Spatafora Carmela, Daquino Carmelo, TringaliCorrado, Priya Srinivas, S Gopala. Phenethylcaffeatebenzo[kl]xanthene lignan with DNA interacting properties induces DNA damage and apoptosis in colon cancer cells. Life Sciences ,Life Sci. 2012 Dec 17;91(25-26):1336-44. **IF. 2.732**
 19. Priya S, SubojBabykutty, Deepak Roshan V G, Rakesh S Nair, Priya Srinivas, Srinivas Gopala. Aloe emodin inhibits colon cancer cell migration/angiogenesis by downregulating MMP-2/9, RhoB and VEGF via reduced DNA binding activity of NF-κB. European Journal of Pharmaceutical Sciences 45: 581-591, 2012. **IF 3.29**.
 20. Krishnakumar G, Rameshkumar KB, Priya Srinivas, Satheeshkumar K, Krishnan PN. Estimation of camptothecin and pharmacological evaluation of Ophiorrhizaprostrata D. Don

- and Ophiorrhizamungos L. Asian Pacific Journal of Tropical Biomedicine S727-S731, [http://dx.doi.org/10.1016/S2221-1691\(12\)60304-9](http://dx.doi.org/10.1016/S2221-1691(12)60304-9), 2012.
21. SubojBabykutty, Priya S, Priya Srinivas, Asha S Nair, K Chandramohan, Srinivas Gopala. Insidious role of nitric oxide in migration/invasion of colon cancer cells by upregulating MMP-2/9 via activation of cGMP-PKG-ERK signaling pathways. Clinical and Experimental Metastasis 29: 471-492, 2012.**IF: 4.11**
 22. Priya S, S Babykutty, Priya Srinivas, Srinivas Gopala. Aloe emodin induces G2/M cell cycle arrest, and apoptosis via activation of caspase- 6 in human colon cancer cells. Pharmacology 89: 91-98, 2012. **IF:1.8**
 23. SubojBabykutty, PriyaPrasannaSathiadevan, Nandini RJ, Suresh Kumar MA, Mangalam S Nair, Priya Srinivas, Srinivas Gopala. Nimbolide retards tumor cell migration, invasion and angiogenesis by downregulating MMP-2/9 expression via inhibiting ERK1/2 and reducing DNA binding activity of NF- κ B in colon cancer cells. Molecular Carcinogenesis, 51: 475-490, 2012.**IF: 3.265**
 24. Somasundaram, V. and Srinivas, P. Insights into the targeted elimination of *BRCA1*-defective cancer stem cells. Med. Res. Rev., 32: 948–967. doi: 10.1002/med.20229. 2012. **IF: 10.7**
 25. Priya Srinivas, ChittaRanjan Patra, Santanu Bhattacharya and DebabrataMukhopadhyay. Cytotoxicity and ROS generating capacity of naphthaquinones is quenched when conjugated with gold nanoparticles. International J of Nanomedicine: 6 2113–2122, 2011.**IF: 4.97.**
 26. SubojBabykutty, Jose Padikkala. PriyaPrasannaSathiadevan, Vinod Vijayakurup, ThasniKaredath Abdul Azis, Priya Srinivas, Srinivas Gopala. Apoptosis Induction of CentellaAsiatica on Human Breast Cancer Cells. Afr.J.Trad.CAM, 6 (1): 2009, pp. 9-16, 2009
 27. Priya P S, Suboj B, Vinod V, Padmakrishnan. C. J, Priya Srinivas, Gopal Srinivas. Aloe emodin, a versatile anthraquinone targeting multiple facets (apoptosis, metastasis, angiogenesis) of cancer progression. (Abstract) European Journal of Cancer (Supplements), Vol 7 No 2, September 2009, Page 95.
 28. K A Thasni, G Rojini, S. Nair Rakesh, ThankappanRatheeshkumar, Mani Shankar Babu, Gopala Srinivas, Asoke Banerji, Priya Srinivas. Genistein induces apoptosis in ovarian cancer cells via different molecular pathways depending on Breast Cancer Susceptibility gene-gene-1 (BRCA1) status. European Journal of Pharmacology, Vol 588, 2-3, p 158-164.2008. **IF : 2.482**
 29. Thasni KA, Rakesh S, Rojini G, Ratheeshkumar T, Srinivas G,Priya Srinivas.Estrogen-dependent cell signaling and apoptosis in BRCA1-blocked BG1 ovarian cancer cells in response to plumbagin and other chemotherapeutic agents. Ann Oncol 19: 4; 696-705. doi:10.1093/annonc/mdm557,2008.**IF : 5.17**
 30. Sreekala Nair, Raghu Ram K Nair, Priya Srinivas, Gopal Srinivas, and M Radhakrishna Pillai. Radiosensitizing effect of plumbagin in cervical cancer cells is through the modulation of apoptotic pathway. Molecular Carcinogenesis, 47, (1), 22-33, 2008.**IF : 3.265**
 31. T.R. Cibin, G. Srinivas, D. Gayathri Devi, Priya Srinivas and Annie Abraham. Antioxidant and Antiproliferative Effects of Flavonoids from Emilia sonchifoliaLinn on Human Cancer Cells. International Journal of Pharmacology 2 (5): 520-524, 2006.
 32. Priya Srinivas, GokulGopinath, Asoke Banerji, AbhilashDinakar, Gopal Srinivas. Plumbagin induces reactive oxygen species mediated apoptosis in human cervical cancer cells. Mol. Carcinogenesis, 39(1): 15-25, 2004.**IF : 3.265**

33. Gopal Srinivas, Lois A Annab, GokulGopinath, Asoke Banerji, Priya Srinivas. Antisense blocking of BRCA1 enhances the sensitivity to plumbagin but not tamoxifen in BG-1 ovarian cancer cells. *Mol Carcinogenesis*, 40; 201-211, 2004. <http://onlinelibrary.wiley.com/doi/10.1002/mc.10164/pdf>. **IF : 3.265**
34. Srinivas G, Anto RJ, Srinivas P, Vidhyalakshmi S, Senan VP, Karunagaran D. Emodin induces apoptosis of human cervical cancer cells through poly(ADP-ribose) polymerase cleavage and activation of caspase-9. *Eur J Pharmacol* 473(2-3):117-125, 2003. **IF : 2.35**
35. Priya Srinivas, E Abraham, I Ahamed, M Madhavan, N.R.Vijayalakshmi, M K Nair, P Balaram. Apoptotic index: use in predicting recurrence in breast cancer patients. *J ExpClin Cancer Res*. 21(2), 233-238, 2002.
36. Priya Srinivas, Maya Madhavan, Iqbal Ahamed, Elizabeth Abraham, N.R. Vijayalakshmi, PrabhaBalaram. Nm23H1 and p53 proteins are differentially correlated to metastasis in breast carcinoma. *Neoplasma*, 49, (4), 225-230, 2002.
37. Maya Madhavan, Priya Srinivas, Elizabeth Abraham, Iqbal Ahmed, N.R. Vijayalakshmi and PrabhaBalaram. Down Regulation of Endothelial Adhesion Molecules in Node Positive Breast Cancer: Possible Failure of Host Defense Mechanism. *Pathology Oncology Research* 8(2), 125–128, 2002.
38. Maya Madhavan, Priya Srinivas, Elizabeth Abraham, Iqbal Ahmed, N.R. Vijayalakshmi and PrabhaBalaram. Cadherins as Predictive Markers of Nodal Metastasis in Breast Cancer. *Mod Pathol* 4(5):423–427, 2001.

Reviews

39. KrithigaKuppusamy, AarathiRajan, AarathyWarrier, RevathyNadhan, Dipyaman Patra and Priya Srinivas, Cytological Grading of Breast Tumors—The Human and Canine Perspective, *Frontiers in Veterinary Science*, August 2019, Volume 6, Article 283, doi: 10.3389/fvets.2019.00283.
40. Satheesh Kumar Sengodan, Sreelatha K.H., RevathyNadhan, Priya Srinivas. Regulation of epithelial to mesenchymal transition by BRCA1 in breast cancer. *Critical Reviews in Oncology / Hematology*, Volume 123, March 2018, Pages 74–82. **IF. 5.039**
41. Sarada Achyutuni, Revathy Nadhan, Satheesh Kumar Sengodan and Priya Srinivas. The Prodigious Network of Chromosome 17 miRNAs Regulating Cancer Genes that Influence the Hallmarks of Cancer. [Seminars in Oncology](https://doi.org/10.1053/j.seminoncol.2017.11.001), 10 November 2017, <https://doi.org/10.1053/j.seminoncol.2017.11.001>. **IF.6.212.**
42. RevathyNadhan, Jayashree V Vaman, Nirmala C, Satheesh Kumar Sengodan, Sreelatha KrishnakumarHemalatha, ArathiRajan, Geetu Rose Varghese, Neetha R L, Amritha Krishna B V, RatheeshkumarThankappan, Priya Srinivas. "Insights into dovetailing GTD and Cancers". *Crit Rev OncolHematol* 2017 Jun;114:77-90. doi: 10.1016/j.critrevonc.2017.04.001. **IF. 5.039**
43. VeenaSomasundaram, Revathy Nathan, Sreelatha K H, Satheesh Kumar S, **Priya Srinivas** ‘ "Nitric Oxide and Reactive Oxygen Species: Clues to target Oxidative Damage Repair Defective Breast Cancers" accepted for publication. *Critical Reviews in Oncology/Hematology*. 2016 May;101:184-92. doi: 10.1016/j.critrevonc.2016.03.004. **IF.4.027**

44. Gopal Srinivas, SubojBabykutty, PriyaPrasannaSathiadevan, Priya Srinivas. Molecular Mechanism of Emodin Action: Transition from Laxative Ingredient to an Antitumor Agent. Medicinal Research Reviews, 27 (5), 591-608, 2007.**IF : 7.96**

Book Chapters

45. Satheesh Kumar S, Sreelatha K H,,RevathyNadhan, and Priya Srinivas. Role of BRCA1 in Breast Cancer Metastasis. Chapter 1, In the book "Gynecologic Cancers – Basic Sciences, Clinical and Therapeutic Perspectives ", ISBN 978-953-51-4278-2, InTech, Europe, March 2nd, 2016.
46. Reshma R S, RevathyNadhan and **Priya Srinivas**. Plumbagin and Prostate Cancer Therapy. In the book "Complementary and Alternative Medicines in Prostate Cancer: A Comprehensive Approach", ISBN 9781498729871 - CAT# K26099, by CRC Press, December 6, 2016.

Editorial:

47. Priya Srinivas, David Wink, Kochupurackal P. Mohanakumar, M. Radhakrishna Pillai. [The Legacy of Nitric Oxide: Impact on Disease Biology](#), Nitric Oxide Biology and Chemistry, [Nitric Oxide](#). 2014 Dec 1;43:1-2. doi: 10.1016/j.niox.2014.09.005.