



Name: Dr.Chandrashekhar Gajanan Joshi

Educational Qualification: M.Sc., PhD., PDF(USA)

Designation: Professor

Address for Correspondence: Biochemistry Programme, Mangalore University,
Mangalagangothri, Mangalore-574 199.

E-mail: cgjoshi@mangaloreuniversity.ac.in
josheejoshee@gamil.com

Phone: + 91-9448446641

Research Areas: Cancer Biology, Nanotechnology, Nanomedicine,
Phytopharmacology

Professional Teaching Experience: 18 Years

Research Guidance (Ph.D.):

Completed students' list

1. Dr. Ananda D
2. Dr. Manjunath HM
3. Dr. Sunil Kumar R
4. Dr. Nivya MT
5. Dr. Usha B
6. Dr. Jagadeesha P

Ongoing Registered Students' list

1. Mr. Dinesh B (Thesis submitted)
2. Mr. ChennaKehsava
3. Mr. Ahmed Jaafar Abdul Sadeq
4. Mr. Gagan
5. Mrs. Jwala Nagaraj
6. Mohamoud Houssein Mohammed Taha

Research Projects

Ongoing

Sl.No	Title of the Project	Funding Agency	Amount (Rs)	Tenure
01	Mechanistic study of 4-HO-2-oxo-1, 2-dihydro-quinoline-3-carboxylic acid (2-carbamoyl-phenyl)-amide (D2) to prevent the progression of prostate cancer	DST-SERB	26. 972 Lakhs	2023-26

Completed

Sl.No	Title of the Project	Funding Agency	Amount (Rs)	Tenure
01	Isolation of cytotoxic and other pharmacologically significant compounds from Euphorbiaceae family	UGC	1.30 Lakhs	2009-11
02	Isolation of novel antiangiogenic and other pharmacologically significant molecules from endemic endophytic fungi	UGC	14.45Lakhs	2013-17
03	Isolation and characterization of novel radio-protective flavonoids from <i>Tragia involucrata</i>	DAE -BRNS	20.31 Lakhs	2013-17

Awards / Fellowship / Recognition

1. ICMR International Fellowship for Young Bio-medical Scientists-2017-18 (University of Miami, USA).
2. Qualified GATE-96 with 91.99 Percentile.
3. Qualified UGC-CSIR Net Examination for Lectureship (2001).
4. Qualified Maharashtra State Eligibility Test for Lectureship (2000).
5. Best Paper award in International Conference on Nanotechnology: The fruition of science. Nessamony Memorial Christian College, Marthandam, Kerala, 16th -17th, February 2017.
6. First Prize (Oral presentation) in National seminar on Drug discovery from Bio-organic Chemicals and Indigenous systems of medicines for the Betterment of Public Health (DDBI) 2015. Sharada Vilas College of Pharmacy, Mysore. 31st July-1st August 2015.
7. First Prize (Poster presentation) in a National seminar on Biomolecules and Biocatalysts in Bioprocess. St. Aloysius College, Mangalore. 8-9th March 2012.
8. First Prize (Oral presentation) in International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCREMA2022) created & powered by Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India on 27-29 January 2022.
9. Reviewer of project proposals for DST/BRNS/UGC
10. Referee for the review of a paper for

Elsevier-Biomedical Journal, Biochemistry, and Biophysics Reports, Colloids and Surfaces B: Bio interfaces, Journal of Saudi Chemical Society, Genejournal, Chemistry and Physics of Lipids, Pharmacological Research - Modern Chinese Medicine

Springer Nature-Biomass Conversion and Biorefinery, Microbial Cell Factories, 3Biotech, Scientific Reports

Taylor and Francis-Artificial Cells Nanomedicine and Biotechnology, Pharmaceutical Biology, Pharmacology & Toxicology, Spectroscopy Letters

Public Library of Science -PLOS ONE

O'Reilly and SAGE-PeerJ

Cell Press-Heliyon

Hindawi- Journal of Oncology, Scientifica
BMC- World Journal of Surgical Oncology

Recent Publications (Total Publications-58)

1. Patel, J.I.A., Poyya, J., Padakannaya, A., Kurdekar, N.M., Khandagale, A.S., **Joshi, C.G.**, Kanade, S.R. and Satyamoorthy, K., **2025**. Mechanistic insights into gut microbe derived siderophores and PHD2 interactions with implications for HIF-1 α stabilization. *Scientific Reports*, 15(1), p.1113.
2. Dinesh. B., Koodlur, L., **Joshi, C.G.**, **2025**. Berberine loaded Poly(vinylpyrrolidone)-Capped Silver nanoparticles for antioxidant and antimicrobial applications. *Biomedicine*, 4(54):283-290.
3. Pratap, G.K., Nagaraju, P.G., Danagoudar, A., **Joshi, C.G.**, Koodlur, L., Shantaram, M. and Priyadarshini, P., **2025**. Structure–function characterization of Olea dioica Roxb. PGK-1: Acetylcholinesterase inhibition, molecular docking, and amelioration of A β 40-induced toxicity in SH-SY5Y neuronal cells and the UAS-A β 42; ey-GAL4 drosophila model of Alzheimer's disease. *Neuroscience Letters*, <https://doi.org/10.1016/j.neulet.2025.138467>
4. Nalla, K., Chatterjee, B., Poyya, J., Swain, A., Ghosh, K., Pan, A., **Joshi, C.G.**, Manavathi, B. and Kanade, S.R., **2025**. Ellagic Acid Inhibits EZH2: A Potential Epigenetic Therapeutic Molecule for Cancer. *Cancer Genetics*. <https://doi.org/10.1016/j.cancergen.2025.09.001>
5. Nalla K, Chatterjee B, Poyya J, Swain A, Ghosh K, Pan A, **Joshi CG**, Manavathi B, Kanade SR., **2025**. Epigallocatechin-3-gallate inhibit the protein arginine methyltransferase 5 and Enhancer of Zeste homolog 2 in breast cancer both in vitro and in vivo. *Archives of Biochemistry and Biophysics*, 763, 110223. <https://doi.org/10.1016/j.abb.2024.110223>
6. Dinesh B, Poyya J, Zameer F, Sannegowda LK, **Joshi CG**, Raghu AV., **2024** Effect of Polyvinylpyrrolidone on Antioxidant and Antibacterial Activity of Silver Metal Nanoparticles: A Comparative Analysis. *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*. 94(4):359-68.
7. Mehra, S., Garrido, V.T., Dosch, A.R., Lamichhane, P., Srinivasan, S., Singh, S.P., Zhou, Z., De Castro Silva, I., **Joshi, C.**, Ban, Y. and Datta, J., **2023**. Remodeling of Stromal Immune Microenvironment by Urolithin A Improves Survival with Immune Checkpoint Blockade in Pancreatic Cancer. *Cancer Research Communications*, pp.CRC-22. <https://doi.org/10.1158/2767-9764.CRC-22-0329>
8. Pratap, G.K., Nagaraju, P.G., Danagoudar, A., **Joshi, C.G.**, CG, P.P., Mohammed, Y.H.I., Koodlur, L. and Shantaram, M., **2022**. Neuroprotective, lifespan and memory enhancing potential, and molecular docking studies of natural compound from *Curculigo orchoides*: A study on Alzheimer's disease model of Appl-GAL4 Drosophila melanogaster. *South African Journal of Botany*, 149, pp.60-66.
9. K Ravi, S., Narasingappa Ramesh, B., KJ, S., Poyya, J., Karanth, J., Raju, N.G. and **G Joshi, C.**, **2022**. Neuroprotective role of herbal alternatives in circumventing Alzheimer's disease through multi-targeting approach-a review. *Egyptian Journal of Basic and Applied Sciences*, 9(1), pp.91-124.

10. Dinesh, B., Chethan, M.U., Pratap, G.K., Poyya, J., Shantaram, M., Hampapura, J.S., Karigar, C.S. and **Joshi, C.G., 2021**. Biogenic Synthesis of Silver Nanoparticles using *Aspergillus Aureoles* (Endophyte) and Demonstration of their Anti-microbial Activity. *Analytical Chemistry Letters*, 11(6), pp.899-910.
11. Dinesh, B., Monisha, N., Shalini, H.R., Prathap, G.K., Poyya, J., Shantaram, M., Hampapura, J.S., Karigar, C.S. and **Joshi, C.G., 2022**. Antibacterial activity of silver nanoparticles synthesized using endophytic fungus—*Penicillium cinnamopurpureum*. *Spectroscopy Letters*, 55(1), pp.20-34.
12. Pratap, G.K., Ananda, D., **Joshi, C.G.** and Shantaram, M., **2021**. Ameliorative activity of medicinal plant fraction for neuroprotection against acrylamide-induced neurotoxicity in *Drosophila melanogaster*—a comparative study. *The Journal of Basic and Applied Zoology*, 82(1), pp.1-10.
13. Poyya, J., Kumar, D.J., Nagendra, H.G., Dinesh, B., Rao, S.A. and **Joshi, C.G., 2021**. Receptor based virtual screening of potential novel inhibitors of tigar [TP53 (tumour protein 53)]-induced glycolysis and apoptosis regulator. *Medical Hypotheses*, 156, p.110683.
14. Danagoudar, A., Pratap, G.K., Shantaram, M., Ghosh, K., Kanade, S.R., Sannegowda, L.K. and **Joshi, C.G., 2021**. Antioxidant, cytotoxic and anti-choline esterase activity of green silver nanoparticles synthesized using *Aspergillus austroafricanus* CGJ-B3 (endophytic fungus). *Analytical Chemistry Letters*, 11(1), pp.15-28.
15. Usha, B. and Jyothsna, K. and **Joshi, C.G., 2020**. Antioxidant, anti-inflammatory, analgesic and anti-proliferating activities of *Grewia heterotricha* Mast. *Biomedicine*, 40(3), pp.272-277.
16. Danagoudar, A., Pratap, G.K., Shantaram, M., Chatterjee, B., Ghosh, K., Kanade, S.R. and **Joshi, C.G., 2020**. Cancer cell specific cytotoxic potential of the silver nanoparticles synthesized using the endophytic fungus, *Penicillium citrinum* CGJ-C2. *Materials Today Communications*, 25, p.101442.
17. Danagoudar, A., Pratap, G.K., Shantaram, M., Ghosh, K., Kanade, S.R. and **Joshi, C.G., 2020**. Characterization, cytotoxic and antioxidant potential of silver nanoparticles biosynthesised using endophytic fungus (*Penicillium citrinum* CGJ-C1). *Materials Today Communications*, 25, p.101385.
18. Thimmaiah, N.M., **Joshi, C.G.**, Patil, R.K., Khandagale, A.S., Somashekarappa, H.M., Ananda, D. and Manjunath, H.M., **2019**. Mitigation of Radiation-Induced Oxidative Stress by Methanolic Extract of *Tragia involucrata* in Swiss Albino Mice. *Pharmacognosy Research*, 11(3).
19. Totiger, T.M., Srinivasan, S., Jala, V.R., Lamichhane, P., Dosch, A.R., Gaidarski III, A.A., **Joshi, C.**, Rangappa, S., Castellanos, J., Vemula, P.K. and Chen, X., **2019**. Urolithin A, a novel natural compound to target PI3K/AKT/mTOR pathway in pancreatic cancer. *Molecular cancer therapeutics*, 18(2), pp.301-311.

20. Hulikere, M.M. and **Joshi, C.G., 2019.** Characterization, antioxidant and antimicrobial activity of silver nanoparticles synthesized using marine endophytic fungus-*Cladosporium cladosporioides*. *Process biochemistry*, 82, pp.199-204.
21. Nivya, M.T., Patil, R.K., Rao, G.M.A., Khandagale, A.S., Somashekarappa, H.M., Ananda, D., Manjunath, H.M. and Joshi, C.G., **2019.** Cytotoxicity based screening for radioprotective properties of methanolic extract of *Tragia involucrata* L. on cultured human peripheral lymphocytes exposed to gamma radiation. *Indian Journal of Experimental Biology*, 57(7), pp.469-477.
22. Totiger, T., Srinivasan, S., VanSaun, M., **Joshi, C.**, Shi, C., Dai, X., Dawra, R., Gaidarski, A., Nestler, E., Merchant, N. and Nagathihalli, N., **2018.** CREB transgenic mice to study alcohol-associated pancreatic carcinogenesis. *Cancer Research*, 78(13_Supplement), pp.5042-5042.
23. Ravi, S.K., Narasingappa, R.B., **Joshi, C.G.**, Girish, T.K. and Vincent, B., **2018.** Neuroprotective effects of *Cassia tora* against paraquat-induced neurodegeneration: relevance for Parkinson's disease. *Natural product research*, 32(12), pp.1476-1480.
24. Danagoudar, A., **Joshi, C.G.**, Ravi, S.K., Kumar, H.G.R. and Ramesh, B.N., **2018.** Antioxidant and cytotoxic potential of endophytic fungi isolated from medicinal plant *Tragia involucrata* L. *Pharmacognosy Research*, 10(2).
25. Hulikere, M.M., **Joshi, C.G.**, Danagoudar, A., Poyya, J., Kudva, A.K. and Dhananjaya, B.L., **2017.** Biogenic synthesis of gold nanoparticles by marine endophytic fungus-*Cladosporium cladosporioides* isolated from seaweed and evaluation of their antioxidant and antimicrobial properties. *Process Biochemistry*, 63, pp.137-144.
26. Poyya, J., **Joshi, C.G.**, Kumar, D.J. and Nagendra, H.G., **2017.** Sequence analysis and phylogenetic studies of hypoxia-inducible factor-1 α . *Cancer informatics*, 16, p.1176935117712242.
27. Kumar, R.S., Narasingappa, R.B., **Joshi, C.G.**, Girish, T.K., Rao, U.J.P. and Danagoudar, A., **2017.** Evaluation of *Cassia tora* Linn. against oxidative stress-induced DNA and cell membrane damage. *Journal of Pharmacy & Bio allied Sciences*, 9(1), p.33.
28. Kumar, R.S., Narasingappa, R.B., **Joshi, C.G.**, Girish, T.K. and Danagoudar, A., **2017.** *Caesalpinia crista* Linn. Induces protection against DNA and membrane damage. *Pharmacognosy Magazine*, 13(Suppl 2), p.S250.
29. Danagoudar, A., **Joshi, C.G.**, Sunil Kumar, R., Poyya, J., Nivya, T., Hulikere, M.M. and AnuAppaiah, K.A., **2017.** Molecular profiling and antioxidant as well as anti-bacterial potential of polyphenol producing endophytic fungus-*Aspergillus austroafricanus* CGJ-B3. *Mycology*, 8(1), pp.28-38.
30. Danagoudar, A., **Joshi, C.G.**, Nivya, M.T., Manjunath, H.M., Poyya, J. and Sunil Kumar, R., **2017.** Antimicrobial and larvicidal potential of endophytic fungi isolated from *Tragia involucrata* Linn. *Ann. Plant Sci*, 6, pp.1494-1498.
31. Manjunath, H.M., **Joshi, C.G.** and Raju, N.G., **2017.** Bio fabrication of gold nanoparticles using marine endophytic fungus-*Penicillium citrinum*. *IET nanobiotechnology*, 11(1), pp.40-44.

32. Hulikere, M.M., **Joshi, C.G.**, Ananda, D., Poyya, J. and Nivya, T., **2016**. Antiangiogenic, wound healing and antioxidant activity of *Cladosporium cladosporioides* (Endophytic Fungus) isolated from seaweed (*Sargassum wightii*). *Mycology*, 7(4), pp.203-211.
33. Hulikere, M.M., **Joshi, C.G.**, Nivya, T., Ananda, D. and Raju, N.G., **2016**. Antiangiogenic and antioxidant activity of endophytic fungus isolated from seaweed (*Sargassum wightii*). *Asian J Biochemistry*, 11(4), pp.168-176.

Book Chapters

1. Sharma S, Raghu SV, Birua SK, Kudva AK, **Joshi CG**, and Lone SR. **2024**. Investigating impact of traumatic brain injury (TBI) on climbing behaviour in *Drosophila melanogaster*. In: Experiments with Drosophila for Biological Courses. Lakhotia SC and Ranganath HA (Eds). Second Edition. Indian Academy of Sciences, Bangaluru, India.
2. Aziz RA, Venugopal DM, Kadandelu, Bhat S, Kudva AK, **Joshi CG**, Patil RK, Raghu SV. **2024**. Intestinal inflammation in *Drosophila*. In: Experiments with Drosophila for Biological Courses Lakhotia SC and Ranganath HA (Eds). Second Edition. Indian Academy of Sciences, Bangaluru, India.

Papers/poster presentations in Conferences / Seminars / Symposia

International

1. Gagan M, **Joshi CJ**, K P Guruprasad. Evaluation of the anticancer efficacy and toxicity of "4-HO-2-OXO-1, 2-DIHYDRO-QUINOLINE-3- CARBOXYLIC ACID (2-CARBAMOYL-PHENYL)-AMIDE (D2) in Prostate Cancer via Cell Cycle Arrest & Apoptosis – In-vitro". International Conference on New Challenges and Innovations in Molecular Medicine (NCIMM) – 2025, Manasagangothri, Mysore University, Mysore on 28th to 29th May 2025(Corresponding author).
2. Jagadeesha P & **Joshi CG**. "Evolutionary relationship of hypoxia-1--alpha factor and its relevance to cancer". International Conference on Advanced Biology 2022 by Inter University Centre for Evolutionary and Integrative Biology, University of Kerala, Kariavattom, Thiruvananthapuram on 23rd to 25th February 2022(Corresponding and presenting author).
3. Manjunath HM & **Joshi CG**. "Antimicrobial potential of silver nanoparticles synthesized using endophytic fungi isolated from *Sargassum wightii*(Seaweed)". International Conference on Contemporary Researches in Engineering, Science, Management & Arts (ICCRESMA 2022) created & powered by Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India on 27th-29th January 2022 (Corresponding and presenting author).\

4. Dinesh B & **Joshi CG**. "Green silver nanoparticles synthesized using endophytic fungus exhibits antimicrobial activity". 5th International conference on Material Chemistry (virtual mode) organized by SRM Institute of Science and Technology in association with Alternative Energies and Atomic Energy Commission & Universite Gustave Eiffel from 18th to 20th February **2021** (Corresponding and presenting author).
5. Danagoudar A, Pratap G K, Shantaram M, Chatterjee B, Ghosh K, Kanade SR, & **Joshi CG**. "Biosynthesis of silver nanoparticles using *Aspergillus austroafricanus* CGJ-B3 and study of its cytotoxic activity". International E-conference on New Horizons in Biochemistry, Microbiology and Food Technology Jointly organized by Yogi Vemana University and University Malaysia Kelantan from 12th to 13th October, **2020** (Corresponding and presenting author).
6. Totiger T, Srinivasan S, VanSaun M, **Joshi CG**, Shi C, Dai X, Dawra R, Gaidarski A, Nestler E, Merchant NB, Nagathihalli N. "CREB transgenic mice to study alcohol-associated pancreatic carcinogenesis". American Association for Cancer Research annual meeting, **Chicago, USA** from 14th to 18th April, **2018** (Coauthor).
7. Totiger T, Srinivasan S, VanSuan M, **Joshi CG**, Shi C, Dai X, Dawra R, Gaidarski A, Nestler E, Merchant N, and Nagathihalli N. CXCL2 induces CREB and modulates alcohol induced pathogenesis of pancreatic cancer. Surgery day poster session, University of Miami, **Miami, FL, USA** on 10th May **2018** (Coauthor).
8. Srinivasan S, Totiger T, Shi C, Castellanos J, Lamichhane P, **Joshi CG**, Dosch A, Kashikar N, Honnenahalli K, Ban Y, Merchant N, VanSuan M, Nagathihalli N. "Tobacco carcinogen induced GM-CSF production activates CREB to promote pancreatic carcinogenesis". 19th Annual Zubaroid memorial Lecture and Sylvester Cancer Research Poster Session, University of Miami, **Miami, FL, USA** on 11th May **2018** (Coauthor).
9. Srinivasan.S, Totiger T, VanSuan M, **Joshi CG**, Massagio F, Shi C, Dosch A, Kashyap M, Dawra R, Merchant N, and Nagathihalli N. "CREB drives pathogenesis of alcoholic pancreatitis." Society of Asian Academic Surgeons 3rd Annual Meeting. **2018**, 27th to 28th September. Medical College of Wisconsin, **WI, USA** (Coauthor).
10. Totiger T, Srinivasan.S, **Joshi CG**, Shi C, Dai X, Gaidarski A, VanSuan M, Merchant N, and Nagathihalli N. "CREB is a critical oncogenic driver in alcohol-induced pancreatic carcinogenesis". Society of Asian Academic Surgeons 3rd Annual Meeting. **2018**, 27th to 28th September. Medical College of Wisconsin, **WI, USA** (Coauthor).
11. Ananda D, **Joshi CG**, Shankar J and Balaji K.S. 23rd - 25th February 2017. Antiangiogenic potential of endophytic fungi isolated from the traditional medicinal plant (*Tragia involucrata*). International conference on health care in 21st century: Perspectives of ethno pharmacology and medicinal plant research. CG Bahakta Institute of Biotechnology and Maliba pharmacy college, Bardoli, Surat, Gujarat (Presenting author).
12. Hulikere MM, **Joshi CG**, and Sarojini. 16th -17th, February 2017. Characterization, Antiangiogenic and antimicrobial activity of silver nanoparticle synthesized using marine endophytic fungus- *Simplicillium lanosoniveum*. International conference on Nanotechnology: The fruition of science. Nessamony Memorial Christian College, Marthandam, Kerala (Corresponding author).

13. Hulikere MM, **Joshi CG**. May 27th -28th, 2017. Antiangiogenic, antimicrobial and antioxidant activity of silver nanoparticles synthesized from endophytic fungi *Penicillium citrinum* isolated from sea weed (*Sargassum wightii*). International conference on green chemistry & nanotechnology opportunities and challenges, St. Aloysius College, Mangalore (Corresponding author).
14. Nivya MT, **Joshi CG**, KP Rajashekhar, Gopal M, HM Somashekarappa, Vijay R, Ananda D, Manjunath HM, SuchethaKumari N. 11th -13th February **2016**. Evaluation Post-Radioprotective Potential of methanolic Extract of *Tragia involucrata* on Cultured Human Lymphocytes Exposed to Gamma Radiation. International conference BAARC, Mumbai (Corresponding author).
15. Nivya MT, **Joshi CG**, Rajashekhar K P, Gopal M, Somashekarappa HM, Vijay R, Ananda D, Manjunath HM, Kumari SN, Sharmila KP. 11th -13th February **2016**. Evaluation of post radioprotective potential of methanolic extracts of *Tragia involucrata* L. against cultured human lymphocytes exposed to gamma radiation. International conference on radiation research: Impact on human health and environment. BARC, Mumbai (Corresponding author).
16. **Joshi CG**, Nivya MT, Patil RK, Gopal M, Sanjeev G, Vijay R, Ananda D, Manjunath HM, Kumari SN, Sharmila KP. 18th -20th February **2016**. Evaluation of radio protective efficacy of methanolic extracts of *Tragia involucrata* L. against radiation induced genotoxicity in cultured human peripheral lymphocytes. International conference on new approaches in Biotechnology and Biosciences, RBSET Campus, Bichpuri, Agra, UP (Presenting author).
17. **Hulikere MM**, Joshi CG, and Raju NG. 11th -12th May **2016**. Bio Fabrication of Gold Nanoparticles Using *Cladosporium cladosporioides*- A Marine Endophytic Fungus. International conference on advances in science, engineering, technology and natural resources. Singapore (Presenting author).
18. **Hulikere MM**, Joshi CG, Raju NG. 7th -10th December **2015**. Biosynthesis of gold nanoparticles using marine endophytic fungi- *Penicillium citrinum*. International Conference on Nano materials and nanotechnology (NANO-2015), KSR Arts and Science College, Tamil Nadu (Presenting author).
19. **Joshi CG** and Nandini. 07-09th March **2014**. Antioxidant and cytotoxic activity of leaf extracts of *Maesa indica* (A traditional medicine). 1st International congress of the society of for Ethno pharmacology on globalizing traditional medicine: present and future. Sri Ramachandra University, Chennai, Tamil Nadu (Presenting author).
20. **Joshi CG** and Nandini. 25-27th October **2013**. International conference on radiation biology and clinical applications. Nitte University, Mangalore (Presenting author).
21. **Joshi CG** and Gopal, M. 21-22nd January **2012**. Genotoxic effect of ethyl acetate extract of *Tragia involucrata* on germinal cells of male mice. International conference on Cancer Prevention, Diagnosis and Treatment. University of Rajasthan, Jaipur, Rajasthan (Presenting author).

22. Shetty S, Kalluraya B, Nithinchandra and **Joshi CG**. 8-10th March **2012**. Synthesis, Characterization and pharmacological studies of some novel thiazole derivatives possessing nitrofuranyl moiety. International conference on biologically active molecules. Gandhigram Rural Institute-Deemed University, Gandhigram, Tamilnadu (Coauthor).
23. **Joshi CG** and Gopal, M. 25-27th November **2010**. Antioxidant and cytotoxic activity of *Breynia vitis-idea*. International Conference on Folk and Herbal medicine. Mohanlal Sukhadia University, Udaipur, Rajasthan (Presenting author).
24. **Joshi CG** and Gopal M. 8-9th January **2009**. Antitumor and antioxidant activity of *Tragia involucrata* extracts. Satellite Conference on Current Trends in Free Radical Research and Herbal Antioxidants, Society for Free Radical Research –India, Amala Cancer Research Centre, Kerala (Presenting author).

National

1. Gagan M, **Joshi CJ**, K P Guruprasad. "4-HO-2-OXO-1, 2-DIHYDRO-QUINOLINE-3-CARBOXYLIC ACID (2-CARBAMOYL-PHENYL)-AMIDE (D2) Inhibits Castration-Resistant Prostate Cancer via Cell Cycle Arrest & Apoptosis – In-vitro". 45th Annual Conference of Indian Association of Biomedical Scientists (IABMS) – 2024 A.J. Institute of Medical Sciences & Research Centre, Mangaluru on 6th to 11th November 2024 (Corresponding author).
2. Ananda D, **Joshi CG**, Shankar J and Balaji K.S. 27th January 2017. *In vivo* anti-angiogenic potential of endophytic fungus *Penicillium citrinum* CGJ-C2 (KP739821) isolated from ethno medicinal plant- *Tragia involucrata*. National conference on Natural Bioactive compounds and potential effects on health. St. Aloysius College, Mangalore (Corresponding author).
3. Manjunath Hulikere M, **Joshi CG**. October 6th -7th, 2017. Antimicrobial and Antioxidant Activity of Endophytic Fungus isolated from Seaweed. National conference on Trends in Bioactive Natural products and Health Care, Department of Biochemistry, Mangalore University, Chikka Aluvara, Kodagu (Corresponding author).
4. Anand D, **Joshi CG**, Gopal M, Rohit HG, Nivya MT, Manjunath HM. 10-11th July **2015**. Cytotoxic and antioxidant activity of ethyl acetate extract of endophytic fungi isolated from *Tragia involucrata*. National conference on "Role of Biopharmaceuticals in achieving health by 2020". Dr. NGP Arts and Science College, Coimbatore, Tamil Nadu (Corresponding author).
5. Jagadeesha P, **Joshi CG**, Jagdeesh Kumar, Nagendara G. Rao. 10-11th July **2015**. Phylogenetic and evolutionary study of hypoxia inducible factor 1A (HIF-1 α) to understand its evolution, animal diversity adaptation and its inference in cancer. National conference on "Role of Biopharmaceuticals in achieving health by 2020". Dr. NGP Arts and Science College, Coimbatore, Tamil Nadu (Corresponding author).

6. Manjunath HM, **Joshi CG**, Anand D, Nivya MT.10-11th July **2015**.Invitro antioxidant activity and total phenolic content of endophytic fungi isolated from marine seaweeds. National conference on “Role of Biopharmaceuticals in achieving health by 2020”. Dr.NGP Arts and Science College, Coimbatore, Tamil Nadu (Corresponding author).
7. Sunil Kumar R,Shylaja M Dharmesh, **Joshi CG**, Ramesh BN.10-11th July **2015**.Gastroprotective effects of health products from bael fruits (*Aegle marmelos*) in rats. National conference on “Role of Biopharmaceuticals in achieving health by 2020”. Dr.NGP Arts and Science College, Coimbatore, Tamil Nadu (Corresponding author).
8. Suresh Babu TV, Ananda D, **Joshi CG** and Shantaram M.10-11th July **2015**.A phytochemical profiling of betel leaf wine and biosynthesis of gold nanoparticles from fermented and non-fermented betel leaf. National conference on “Role of Biopharmaceuticals in achieving health by 2020”. Dr.NGP Arts and Science College, Coimbatore, Tamil Nadu (Coauthor).
9. Nivya MT,**Joshi CG**, Rajashekhar K Patil, Gopal M, Somashekrappa HM, Ananda D, Manjunath HM, Suchetha Kumari N.31st July-1st August **2015**. Radioprotective Properties of Methanolic Extracts of *Tragia involucrata* on Cultured Human Lymphocytes Exposed to Electron Beam Radiation. National Conference on Drug discovery from Bio-organic Chemicals and Indigenous systems of medicines for the Betterment of Public Health (DDBI. Sharada Vilas College of Pharmacy, Mysore (Corresponding author).
10. **Joshi CG**. 28th February to 1st March **2014**.Role of microbial secondary metabolites in angiogenesis. National conference on Microbes in present scenario, Mangalore University, Chikka Aluvara, Kodagu. (Presenting author).
11. DeepthaG.Rao, Deepika.M, Chandrashekar A, **Joshi CG**. 8-9th March **2012**. Genotyping for investigating human Y chromosomal variation among Tribal population in India. National seminar on Biomolecules and Biocatalysts in Bioprocess. St. Aloysius College, Mangalore (Corresponding author).
12. Mujeeb C.A and **Joshi CG**. 8-9th March **2012**. Cytotoxic, genotoxic and other medicinal properties of *Osbakia wayanadensis*. National seminar on Biomolecules and Biocatalysts in Bioprocess. St. Aloysius College, Mangalore (Corresponding author).
13. **Joshi CG** and Gopal, M.10-11th March **2011**. Antioxidant activity and cytotoxic properties of methanol extracts of *Anisomeles malabarica*. National conference on Applications of regenerative medicine in modern health care-Current perspective and future. Karpaga Vinayaga College of Engineering and Technology, Madhuranthakam, Tamil Nadu(Presenting author).

Regional

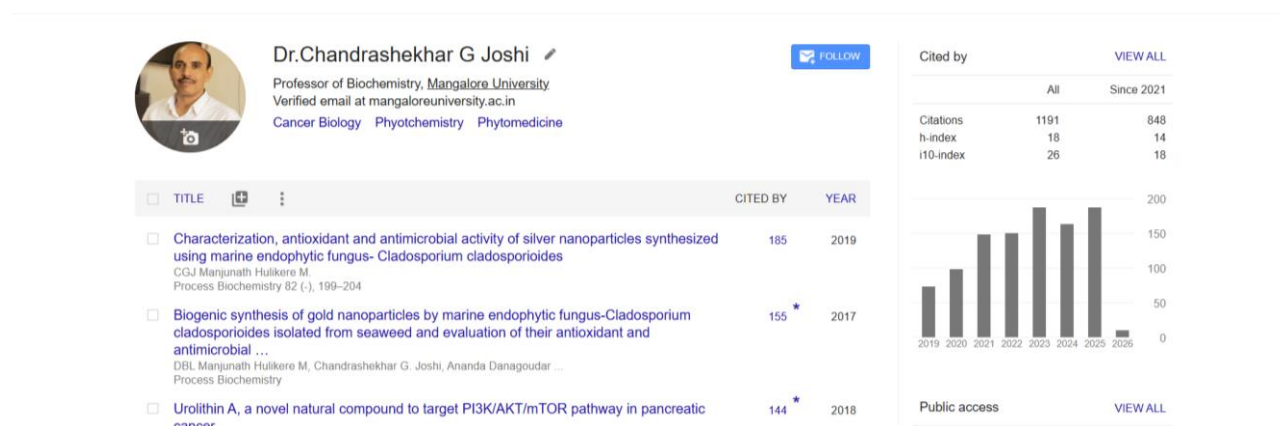
14. **Joshi CG** and Gopal, M. 15-17th September **2010**. Radioprotective properties of medicinal plants.6th Kannada Vijnana Sammelana, Swadeshi Kannada Vijnana Andolana-Karnataka, Bangalore (Presenting author).

Invited / plenary talks delivered

1. HIF-1 α Blockade and Tumor Prevention: Rediscovering an Overlooked Pathway. **National Seminar** on Transformative Science and Technology Education for Viksit Bharat & 32nd Swadeshi Science Congress, Central University of Kerala & Swadeshi Science Movement Kerala, 7th -9th January **2026**.
2. HIF-1 α as a therapeutic target for the suppression of cancer progression. **National Conference** on Recent Advances in Biological Chemistry-2025, Department of Biochemistry, Karanatak University, Dharwad, 28-29th October **2025**.
3. HIF- 1 α Inhibitors in the prevention of cancer progression- An Underexplored domain in drug discovery. 45th annual summit of IABMS and **National conference** on Empowering health- Challenges and solutions. A.J. Institute of Medical Sciences & Research Centre, 6th -9th November **2024**.
4. Green nanoparticles- new tools to control communicable and non-communicable diseases. 42nd annual summit of IABMS and **International conference** on Recent trends and advances in biomedical sciences- An integral approach. Nitte (Deemed to be University), Mangaluru, 25th -27th November **2021**.
5. Endophytes of traditional medicine-new source of novel medicine. 39th annual summit of IABMS and **International conference** on Current concepts on the role of Indian medicine and phytoceuticals in maintenance of health. Mangalore University, ChikkaAluvara, 15th -17th November **2018**.
6. Basics of Cell Culture. **Dr. Sarada Subramaniam Memorial Workshop** on Basic techniques in Cell Culture, Mangalore University, Chikka Aluvara, 15th -17th November **2018**.
7. Targeting redox potential of cancer tissue- Study on TP53 inducible glycolysis and apoptosis regulator. **International conference on radiation biology**. KS Hegde, Medical Academy, Nitte University, Mangalore, 4th -6th October **2018**.
8. Educational communications and Life skills. One day teachers training program, DIET, Kudige, Kodgu **2018**.
9. Anti-angiogenic dietary potential against cancer. **One day seminar on** "Nutraceuticals and its impact on today's generation". St. Aloysius College, Mangalore. 21st September **2016**.
10. Angiogenic and anti-angiogenic proteins: Difference between life and death. **Alvas College, Moodabidre**, South Canara. 22nd September **2016**.
11. Chemistry in day-to-day life. FMKMC College, Madikeri, 31st March, **2016**.
12. Moderation of Tumor microenvironment by small functional natural products. **National conference** on "Role of Biopharmaceuticals in achieving health by 2020". Dr. NGP Arts and Science College, Coimbatore, **Tamil Nadu**, 10th and 11th July, **2015**.

13. Tumor microenvironment –A viable target for cancer therapy. **Workshop on Molecular Herald in Biotechnology** held on 25th February **2015** at P.G. Department of Biotechnology, **SDM College**, Ujire, DK.
14. Applications of Cell Culture. **Dr. Sarada Subramaniam Memorial Workshop** on Basic Techniques in Cell Culture, Nitte University, Mangalore, 1-3rd November **2012**.
15. Scientific Validation of anticancer activity of agmavarta. **International symposium** on recent trends and advances in biomedical research –An Integrated approach. Nitte University, Mangalore, 1-3rd November **2012**.
16. Applications of Biofuels. Govt P.U. College, Madenadu, Madikeri, 10th August, **2012**.
17. Challenges and Opportunities in Biology and Chemistry. **National conference** on opportunities and challenges in Physics and Biology, FMKMC College, Madikeri, 17th December **2011**.
18. Applications of Biochemistry. 3day **State level conference** in connection with National Science Day celebration, FMKMC College, Madikeri, 26-28th February, **2011**.

Impact of publications: **Citations: 1191 (As on 17th January 2026)**
h-index: 18
i10-index: 26



Conferences / Seminars / Workshops / Symposia organized

1. Local Coordinator- **18th -22nd March 2025**. Global Initiative on Academic Network (GIAN) Programme on “Developing Cancer Models In-vitro and In-vivo, Advantages and Limitations”, Mangalore University, Mangalagangothri.

2. Co-convenor-**28th- 29th October 2021**. “Two days national webinar on Covid-19 pandemic and its management strategies”. Mangalore University, Chikka Aluvara, Kodagu.
3. Co-organizing secretary-15th -17th**November 2018**. “39th annual summit of IABMS and **International conference** on Current concepts on the role of Indian medicine and phytoceuticals in maintenance of health”. Mangalore University, Chikka Aluvara, Kodagu.
4. Co-organizing secretary - 6th -7th October, **2017**. “National conference on Trends in Bioactive Natural products and Health Care”, Department of Biochemistry, Mangalore University, Chikka Aluvara, Kodagu.
5. Co-convenor- November 17-20th, **2014**. “4th National conference of Society of Biological Scientists of India”, Yenepoya University, Mangalore.
6. Convener-April 11-12th**2008**. “Indian academy of Sciences outreach seminar workshop on Molecular Biology”, Department of Biochemistry, Mangalore University, Kodagu.

Membership in Professional Bodies

1. Associate member, American Association of Cancer Research (AACR Member ID# 444935).
2. Life member, and **Convener**, SBC (I), Madikeri Branch (Life Membership No.1560/2004).
3. Life member, Indian Association of Biomedical Scientists (Life Membership No.1041/2012).
4. Life member, Indian Science Congress Association (Membership No. L27897).
5. Life member, Swadeshi Kannada Vijnana Andolana (SVAK-0530/LM-KOD).
6. Life member, Kannada Sahithya Parishath. Bangalore (Membership No.111668).

Any other Information: Nil