

List of Peer Reviewed Publications

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H Index: 17; Total Citations: 965 (As per Mendeley)

Publications from SRIHER

1. Anuj, Arivazhagan L, **Venkatraman G**, Rayala SK. Increased Expression of MicroRNA 551a by c-Fos Reduces Focal Adhesion Kinase Levels and Blocks Tumorigenesis. **Mol Cell Biol.** 2019 Mar 19;39(7). pii: e00577-18. doi: 10.1128/MCB.00577-18. **Impact Factor: 4.7.**
2. Biswal J, Jayaprakash P, Suresh Kumar R, **Venkatraman G**, Poopandi S, Rangasamy R, Jeyaraman J. Identification of Pak1 inhibitors using water thermodynamic analysis. **J Biomol Struct Dyn.** 2019 Jan 20:1-19. doi: 10.1080/07391102.2019.1567393.
3. Beesetti S, Surabhi RP, Rayala SK, **Venkatraman G**. Mechanics of PAK1-A new molecular player in the arena of skin cancer. **J Cell Physiol.** 2018 Jan;234(1):969-975. *(Corresponding author)* **Impact Factor: 4.08.**
4. Kumar AS, Rayala SK, **Venkatraman G**. Targeting IGF1R pathway in cancer with microRNAs: How close are we? **RNA Biol.** 2018 Mar 4;15(3):320-326. *(Corresponding author)* **Impact Factor: 5.21.**
5. Raghavan S, **Venkatraman G**, Rayala SK. Cloning and functional characterization of human Pak1 promoter by steroid hormones. **Gene.** 2018 Mar 10;646:120-128. *(Corresponding author)* **Impact Factor: 2.3.**
6. Tentu S, Nandarapu K, Muthuraj P, Venkitesamy K, **Venkatraman G**, Rayala SK. DHQZ-17, a potent inhibitor of the transcription factor HNF4A, suppresses tumorigenicity of head and neck squamous cell carcinoma in vivo. **J Cell Physiol.** 2018 Mar;233(3):2613-2628. *(Corresponding author)* **Impact Factor: 4.08.**
7. Beesetti S, Mavuluri J, Surabhi RP, Oberyshyn TM, Tober K, Pitani RS, Joseph LD, **Venkatraman G**, Rayala SK. Transcriptional regulation of ataxia-telangiectasia and Rad3-related protein by activated p21-activated kinase-1 protects keratinocytes in UV-B-induced premalignant skin lesions. **Oncogene.** 2017 Nov 2;36(44):6154-6163. *(Corresponding author)* **Impact Factor: 7.5.**
8. Kesavan A, Pakala SB, Rayala SK, Venkatraman G. Effective Strategies and Applications of Dendrimers in the Treatment of Ovarian Cancer. **Curr Pharm Des.**

2017 Aug 30;23(21):3099-3104. (*Corresponding author*) **Impact Factor: 3.13.**

9. Anuj, Arivazhagan L, Surabhi RP, Kanakarajan A, Sundaram S, Pitani RS, Mudduwa L, Kremerskothen J, Venkatraman G, Rayala SK. KIBRA attains oncogenic activity by repressing RASSF1A. **Br J Cancer**. 2017, 117, 553–562. (*Corresponding author*) **Impact Factor: 6.1.**

10. Kumar A, Sundaram S, Rayala SK, Venkatraman G. UnPAKING RUNX3 functions- Both sides of the coin. **Small GTPases**. 2017 Jun 19:1-7. (*Corresponding author*) **Impact Factor: 3.3.**

11. Baskar G, Ravi M, Panda JJ, Khatri A, Dev B, Santosham R, Sathiya S, Babu CS, Chauhan VS, Rayala SK, **Venkatraman G**. Efficacy of Dipeptide-Coated Magnetic Nanoparticles in Lung Cancer Models under Pulsed Electromagnetic Field. **Cancer Invest**. 2017 May 24:1-12. (*Corresponding author*) **Impact Factor: 2.23.**

12. Bhoopalan H, Tentu S, R P, S P, Venu A, Raghunathan R, Pakala SB, Rayala SK, **Venkatraman G**. Novel Glycopyrrolidine Compounds Inhibit Human Cancer Cell Proliferation and Induce Apoptotic Mode of Cell Death. **Cancer Invest**. 2017 Apr 21;35(4):215-224. (*Corresponding author*) **Impact Factor: 2.23.**

13. Kumar AS, Jagadeeshan S, Pitani RS, Ravishankar V, Venkitesamy K, **Venkatraman G**, Rayala SK. Snail modulated miR - 493 forms a negative feedback loop with IGF1R pathway and blocks tumorigenesis. **Mol Cell Biol**. 2017 Mar 1;37(6). pii: e00510-16. (*Corresponding author*) **Impact Factor: 4.7.**

14. Jagadeeshan S, **Venkatraman G**, Rayala SK. Targeting p21 activated kinase 1 (Pak1) to PAKup Pancreatic Cancer. **Expert Opin Ther Targets**. 2016 Nov;20(11):1283-1285. (*Corresponding author*) **Impact Factor: 4.79.**

15. S. Jagadeeshan, A. Subramanian, S. Tentu, S. Beesetti, M. Singhal, S. Raghavan, R. P. Surabhi, J. Mavuluri, H. Bhoopalan, J. Biswal, R. S. Pitani, S. Chidambaram, S. Sundaram, R. Malathi, J. Jayaraman, A. S. Nair, **G. Venkatraman**, and S. K. Rayala. P21 activated kinase 1 (Pak1) signaling influences therapeutic Outcome in pancreatic cancer. **Annals of Oncology**, 2016 Aug;27(8):1546-56. (*Corresponding author*) **Impact Factor: 11.85.**

16. A Kumar, M Singhal, C Chopra, S Srinivasan, RP Surabhi, R Kanumuri, S Tentu, S Jagadeesan, S Sundaram, K Ramanathan, R Shankar Pitani, B Muthuswamy, S Abhijit, AS Nair, **G Venkatraman** and SK Rayala. Threonine 209 phosphorylation on RUNX3

by Pak1 is a molecular switch for its dualistic functions. **Oncogene** 2016 Sep 15;35(37):4857-65. (*Corresponding author*) **Impact Factor: 7.55.**

17. Mavuluri J, Beesetti S, Surabhi R, Kremerskothen J, **Venkatraman G**, Rayala SK. Phosphorylation-Dependent Regulation of the DNA Damage Response of Adaptor Protein KIBRA in Cancer Cells. **Mol Cell Biol.** 2016 Apr 15;36(9):1354-65. (*Corresponding author*) **Impact Factor: 4.7.**

18. Kumar AS, Jagadeeshan S, Subramanian A, Chidambaram SB, Surabhi RP, Singhal M, Bhoopalan H, Sekar S, Pitani RS, Duvuru P, **Venkatraman G**, Rayala SK. Molecular mechanism of regulation of MTA1 by Granulocyte Colony Stimulating Factor. **J Biol Chem.** 2016 Jun 3;291(23):12310-21. (*Corresponding author*) **Impact Factor: 4.7.**

19. Gowri M, Beaula WS, Biswal J, Dhamodharan P, Saiharish R, Rohan Prasad S, Pitani R, Kandaswamy D, Raghunathan R, Jeyakanthan J, Rayala SK, **Venkatraman G**. β -lactam substituted polycyclic fused pyrrolidine/pyrrolizidine derivatives eradicate *C. albicans* in an ex vivo human dentinal tubule model by inhibiting sterol 14- α demethylase and cAMP pathway. **BiochimBiophysActa.** 2015 Dec 23;1860(4):636-647. (*Corresponding author*) **Impact Factor: 5.08.**

20. Mathangi Ravi, ShilpaTentu, Ganga Baskar, Rohan Prasad, SwethaRaghavan, PrajishaJayaprakash, JeyaramanJeyakanthan, Rayala Suresh Kumar and **Ganesh Venkatraman**. Molecular mechanism of anti-cancer activity of phycocyanin in triple negative breast cancer cells. **BMC Cancer** (2015) 15:768. (*Corresponding author*) **Impact Factor: 3.36.**

21. S Jagadeeshan, YR Krishnamoorthy, M Singhal, A Subramanian, J Mavuluri, L Arivazhagan, R Arivazhagan, G Baskar, M Ravi, LD Joseph, K Sadasivan, A Krishnan, AS Nair, **G Venkatraman** and SK Rayala. Transcriptional regulation of fibronectin by p21-activated kinase-1 modulates pancreatic tumorigenesis. **Oncogene.** 2015 Jan 22;34(4):455-64. **Impact Factor: 7.55.** (*Corresponding author*)

22. AkilaKesavan, P. Ilaiyaraja, SurabhiRohan Prasad, SatishSrinivas, Rayala Suresh Kumar, D. Ponraju, **Ganesh Venkatraman**. Tumor targeting using polyamidoaminedendrimer-cisplatin nanoparticles functionalized with diglycolamic acid and herceptin. **Eur J of Pharma and Biopharma.** 96 (2015) 255–263. (*Corresponding author*) **Impact Factor: 4.3.**

23. Raghavan S, Manogaran P, GadepalliNarasimha KK, KalpattuKuppusami B, Mariyappan P, Gopalakrishnan A, **Venkatraman G**. Synthesis and anticancer activity of

novel curcumin–quinolone hybrids. **Bioorg& Med ChemLett** 25 (2015) 3601–3605. *(Corresponding author) Impact Factor: 2.40.*

24. Meiyazhagan G, Raju R, Winfred SB, Mannivanan B, Bhoopalan H, Shankar V, Ganesh Venkatraman et al. (2015) Bioactivity Studies of β -Lactam Derived Polycyclic Fused Pyrroli-Dine/Pyrrolizidine Derivatives in Dentistry: In Vitro, In Vivo and In Silico Studies. **PLoS One**. 2015 Jul 17;10(7):e0131433. *(Corresponding author) Impact Factor: 3.55.*

25. Raghavan S, Manogaran P, KalpattuKuppusami B, **Venkatraman G**, GadepalliNarasimha KK. Synthesis and anticancer activity of chalcones derived from vanillin and isovanillin. **Med Chem Res**. (2015) 24:4157–4165. *(Corresponding author) Impact Factor: 1.42.*

26. G. Anjana, M. Gowri, C. S. Ashok Raja, M. Prasath, S. Balakumar, and V. Ganesh. Silver Nanoparticles as a Non Alcoholic Hospital Disinfectant to Combat Nosocomial Pathogens. **J. Bionanosci**. 9, 102-111 (2015). *(Corresponding author)*

27. NagendrababuVenkateshbabu, MeiyazhaganGowri, Subramanian Balakumar, ChandrasekarAshokraja, DeivanayagamKandaswamy, and Venkatraman Ganesh. Disinfection of Dentinal Tubules with Silver Nanoparticles and 2% ChlorhexidineAgainst Enterococcus faecalis. **J. Bionanosci**. 9, 63-67 (2015). *(Corresponding author)*

28. W SofiBeula, M Gowri, Jiban J Panda, N VenkateshBabu, D Kandaswamy, Virander S Chauhan, Ganesh V. Antimicrobial activity of cationic peptides in endodontic procedures. **Eur J Dentistry**, 2014; 8: 254-260. *(Corresponding author)*

29. Bublu T, Krishna G Seshadri, Ganesh V. Role of Vitamin D on the expression of glucose transporters in L6 myotubes. **Ind J EndocrMetab** 2013; 17:S326-8.

30. Sarath Chandra V, Baskar G, Suganthi RV, Elayaraja K, AhymahJoshy MI, SofiBeaula W, Mythili R, Venkatraman G, NarayanaKalkura S. Blood Compatibility of Iron-Doped Nanosize Hydroxyapatite and Its Drug Release. **ACS Appl Mater Interfaces**. Mar;4(3):1200-10. *Impact Factor:7.54. (Corresponding author)*

31. Ranganathan R, Madanmohan S, Kesavan A, Baskar G, Krishnamoorthy YR, Santosham R, Ponraju D, Rayala SK, **Venkatraman G**. Nanomedicine: towards development of patient-friendly drug-delivery systems for oncological applications. **Int J of Nanomedicine** 2012, 7:1043-1060. *(Corresponding author)Impact Factor: 4.976.*

32. Sankar S, Ramamurthy M, Nandagopal B, Srikanth P, Venkatraman G, Sridharan G. Molecular and nanotechnologic approaches to etiologic diagnosis of infectious Syndromes. **MolDiagnTher**. 2011 Jun 1;15(3):145-58. PMID: 21766906. **Impact Factor: 2.561.**

33. Ranganathan V, Aleksey I, **Venkatraman G**, Mahadevan S and Douglas RM. Long-Term Structural and Chemical Stability of DNA in Hydrated Ionic Liquids. *Angewandte Chemie*, 2010, 49: 1631 – 1633. PMID: 20108297. **Impact Factor: 13.29.**

Post Doctoral Fellow Publications:

1. **Venkatraman G**, Kaur S, Jain M, Senapati S, Garg PK, Batra SK. Recent trends in antibody-based oncologic imaging. **Cancer Lett**. 2012 Feb 28;315(2):97-111. **Impact Factor: 4.864.**

2. Jain M, Venkatraman G, Moniaux N, Kaur S, Kumar S, Chakraborty S, Varshney GC, Batra SK. Monoclonal antibodies recognizing the non-tandem repeat regions of the human mucin MUC4 in pancreatic cancer. **PLoS One**. 2011;6(8):e23344. Epub 2011 Aug 23. **Impact Factor: 3.55**

3. Singh AP, Bafna S, Chaudhary K, **Venkatraman G**, Smith L, Eudy JD, Johansson SL, Lin MF, Batra SK. Genome-wide expression profiling reveals transcriptomic variation and perturbed gene networks in androgen-dependent and androgen-independent prostate cancer cells. **Cancer Lett**. 2008 Jan 18; 259(1):28-38. PMID: 17977648. **Impact Factor: 3.504**

4. Senapati S, Chaturvedi P, Sharma P, **Venkatraman G**, Meza JL, El-Rifai W, Roy HK, Batra SK. Deregulation of MUC4 in gastric adenocarcinoma: potential pathobiological implication in poorly differentiated non-signet ring cell type gastric cancer. **Br J Cancer**. 2008 Sep 16;99(6):949-56. PMID: 18781152. **Impact Factor: 4.846**

5. Jain M, **Venkatraman G**, Batra SK. Cell-penetrating peptides and antibodies: a new direction for optimizing radioimmunotherapy. **Eur J Nucl Med Mol Imaging**. 2007 Jul;34(7):973-7. PMID: 17453198. **Impact Factor: 4.532**

6. **Venkatraman G**, Ponnusamy MP, Singh AP, Chauhan SC, Johansson SL, Jain M, Smith L, Davis JS, Remmenga SW, Batra SK. Expression of TAG-72 in ovarian cancer and its correlation with tumor stage and patient prognosis. **Cancer Lett**. 2007 Jun 28;251(2):247-57. PMID: 17210225. **Impact Factor: 3.504**

7. Jain M, **Venkatraman G**, Batra SK. Optimization of radioimmunotherapy of solid tumors: biological impediments and their modulation. **Clin Cancer Res**. 2007 Mar 1;13(5):1374-82. PMID: 17309914. **Impact Factor: 6.488**

8. Mimeault M, Johansson SL, **Vankatraman G**, Moore E, Henichart JP, Depreux P, Lin MF, Batra SK. Combined targeting of epidermal growth factor receptor and hedgehog signaling by gefitinib and cyclopamine cooperatively improves the cytotoxic effects of docetaxel on metastatic prostate cancer cells. **Mol Cancer Ther** March 2007 6:967-978; **Impact Factor: 5.003**

9. Mimeault M, **Vankatraman G**, Johansson SL, Moore E, Henichart JP, Depreux P, Lin MF, Batra SK. Novel combination therapy against metastatic and androgen-independent prostate cancer by using gefitinib, tamoxifen and etoposide. **Int J Cancer**. 2007 Jan 1;120(1):160-9. PMID: 17013895. **Impact Factor: 4.734**

10. Jain M, Chauhan SC, Singh AP, **Vankatraman G**, Colcher D, Batra SK. Penetratin improves tumor retention of single-chain antibodies: a novel step toward optimization of radioimmunotherapy of solid tumors. **Cancer Res**. 2005 Sep 1;65(17):7840-6. PMID: 16140953. **Impact Factor: 7.514**

Ph.D Publications:

11. Meenakshi A, **Ganesh V**, Suresh Kumar R and Sivakumar N. Radioimmunotargeting of Technetium 99m labeled anti-Epidermal Growth Factor Receptor monoclonal antibody in experimental tumor models. **Quart J of Nucl Med** 2003, 47:139-144. PMID: 12865874. **Impact Factor 2.877**

12. Meenakshi A, Suresh Kumar R, **Ganesh V** and Sivakumar N. Immunohistochemical assay (IHC) to study C-erbB-2 status of breast cancer using monoclonal antibody CIBCgp185. **Human Antibod** 2003,123-127. PMID: 15156100.

13. Meenakshi A, Suresh Kumar R, **Ganesh V** and Sivakumar N. Preliminary study on Radioimmunodiagnosis of experimental tumor models using technetium-99m labeled anti-C-erbB-2 monoclonal antibody. **Tumori**2002, 58: 507-512. Impact Factor 0.730

14. Meenakshi A, Suresh Kumar R, **Ganesh V** and Sivakumar N. Immunofluorescent localization of C-erbB-2 oncoprotein in breast cancer: A Preliminary study. **Human Antibod** 2002, 11:73-77.

Book published from SRIHER

Ravi M, Solomon FD Paul & **Ganesh V**. Animal Cell Culture published by Samanthi Publications, Chennai in 2010. [ISBN: 978-81-906565-1-1].

Conference Publications (Peer-reviewed, *refers to presenting author)

Based on work done at SRIHER

1. Veena Kumari V, Ganesh Venkatraman and Suresh K. Rayala. Role of a unique Nuclear Receptor Co-Regulator (NRCOR) in inflammatory Oncogenesis. European Association for Cancer Research (EACR) Conference, Florence, Italy, June 24-27, 2017.

2. A. Kaushik, G. Venkatraman, S.K. Rayala Tumor suppressor role of miR-551a by targeting focal adhesion kinase in breast cancer. 24th Biennial Congress of the European Association for Cancer Research, Manchester, UK, 9-12, July, 2016. Published in Eur J cancer, Volume 61, Supplement 1, Page S176, DOI: [https://doi.org/10.1016/S0959-8049\(16\)61623-4](https://doi.org/10.1016/S0959-8049(16)61623-4).

3. R. Saiharish, M. Prasath, K. K. Balasubramanian, G. N. Krishna Kumari and V. Ganesh. Microwave Assisted Synthesis and Anti-Cancer Activity of Novel Curcumin-Quinolone Hybrids. MEDCHEM 2015, Oct 29 & 30, 2015; IIT Madras.

4. Akila Kesavan, P. Ilaiyaraja, D. Ponraju, Ganesh Venkatraman. Multifunctional dendrimer-cisplatin conjugates for the treatment of ovarian cancer. 2nd International conference on nanotechnology at the bio-medical interface, NANOBIO 2012, Amrita Center for Nanosciences and Molecular Medicine, Amrita Institute of Medical Sciences, Kochi, Kerala.

5. Sofi Beaula. W, Gowri .M, Shruthilaya .M, Rajeshwarie. K, Venkateshbabu. N, Kandaswamy. D, Suresh Rayala, Ganesh Venkatraman. Silver Nanoparticle as an Antibacterial Agent for Endodontic Infections. International Science Symposium on HIV and Infectious diseases, Held on 20th – 22nd January 2012 at Vigyan Auditorium, CSIR campus, Chennai, India.

6. Gowri. M, Rajesh. R, Sofi Beaula. W, Raghunathan. R and Ganesh. V. Synthesis and antimicrobial activity of β -lactams in Dentistry for treatment of Root canal infection. International Science Symposium on HIV and Infectious diseases, Held on 20th – 22nd January 2012 at Vigyan Auditorium, CSIR campus, Chennai, India.

7. Akila Kesavan, P. Ilaiyaraja, D. Ponraju, Ganesh Venkatraman. Multifunctional dendrimer drug conjugates for treatment of ovarian cancer" presented at Third International conference on frontiers in Nanoscience and technology (Cochin Nano-2011) conducted by Department of Physics, Cochin university of science and technology from Aug 14- 17.

International Conferences prior to joining SRMC &RI:

8. Ajay P. Singh, Subhankar Chakravorty, Seema Singh, Ganesh Venkatraman, Sonny L. Johansson, Maneesh Jain, Sangeeta Bafna, Surinder K. Batra. (2009) Expression of

MUC4 is associated with the malignant phenotype of lung cancer cells. In: Proceedings of the 100th Annual Meeting of the American Association for Cancer Research; Denver, CO: AACR; 2009. Abstract # 4353.

9. Ajay P. Singh, Ganesh Venkatraman, Katie Lutz, SangeetaBafna, Surinder K. Batra. (2008) Curcumin down regulates the expression of MUC4 mucin and suppresses the growth and motility of pancreatic cancer cells. In: Proceedings of the 99th Annual Meeting of the American Association for Cancer Research; San Diego, CA, Abstract #1491.

10. Ganesh Venkatraman, Maneesh Jain, Nicolas Moniaux and Surinder K. Batra (2006) Domain-Specific Anti-MUC4 Antibody for the Diagnosis and Therapy of Pancreatic Cancer.97th Annual meeting of American Association for Cancer Research, Washington D.C, Abstract #2902.

11. Ganesh V and Meenakshi A. (2002) Radioimmunotargetting of ^{99m}Tc labeled anti-EGFR MAb CIBCNSH3 in experimental tumor models. Paper for SitaramJoglekar award at the 21st Annual Convention of Indian Association of Cancer Research (IACR), at IISC Bangalore, INDIA, Abstract #06.

12. Ganesh V and Meenakshi A. (2002) In Vivo diagnostic and therapeutic applications of MAb CIBCNSH3 generated to the human epidermal growth factor receptor. Human Antibodies and Hybridomas, Berne, Switzerland, Abstract #060

Invited Talks delivered at conferences and meetings since joining SRIHER

S.NO	YEAR	DATE	TITLE OF THE CONFERENCE & VENUE	GUEST LECTURE TOPIC
1.	2019	26/04/2019	Labotica Seminar 2019, Asia LabExpo, Chennai	Nanomedicine
2.	2019	28/02/2019	BTDCTC. Loyola College, Chennai	Nanomedicine
3.	2019	16/02/2019	National Symposium on Radiopharmaceuticals	Nuclear Pharmacy
4.	2018	28/09/2018	SRM Dental College, & ACBI Invited Lecture Series on Cancer Biology	Concept of Nano oncology
5.	2018	11/07/2018	University of Madras- Refresher Course on Nanoscience& nanotechnology	Nanomedicine& Drug Delivery
6.	2018	25/02/2018	DIAGNOCON 2018, Manipal University, Contemporary developments in laboratory medicine and laboratory management.	PAK1 – new marker for PDAC
7.	2018	21/02/2018	National Conference – SBCADD Alagappa University, Karaikudi	PAK1 – new player in Skin cancers
8.	2018	6/01/2018	Ramachandra Orthodontic Accelerated Review -2018, SRMC & RI	Genetics
9.	2017	13/11/2017	Indo-US workshop on drug re-purposing for improving radiotherapy of cancer, SRMC & RI	Expert Panel Discussion
10.	2017	28/07/2017	Nano materials in science, technology and medicine- A practical approach, Govt. Engg College, Trichur	Dendrimers for drug delivery
11.	2017	17/04/2017	Recent trends in biotechnology	Nanomedicine
12.	2017	30/03/2017	National Symposium on Genetic Engineering- Bharath University	Nano oncology
13.	2017	08/02/2017	Chennai Nanogathering 2017 National Conference on Nanomaterials and Nanobiotechnology, University of Madras	Nanomedicine
14.	2016	07/11/2016	National Seminar on Recent Advances in Nanoscience and Technology, Anna University, Chennai	Nanomedicine
15.	2016	17/11/2016	University of Madras- Refresher Course on Nanoscience& nanotechnology	Nanomedicine

16.	2016	30/09/2016	Innovation in science pursuit for inspired research, (INSPIRE) SRMC & RI	Nanoworld
17.	2016	18/02/2016	National Conference on HERBESCON	Panelist
18.	2015	03/09/2015	DBT Sponsored Seminar on Drug Discovery & Nanobiotechnology, Sri Vidya Niketan Pharmacy College, Tirupati	Nanomedicine
19.	2015	31/08/2015	SRU Faculty development program, Basic skills in acquiring EMR Funds	Components of a grant application
20.	2015	25/02/2015	National Conference – SBCADD Alagappa University, Karaikudi	Deciphering the mechanism of action of β -lactam containing polycyclic fused pyrrolidine/ pyrrolizidine derivatives against a dental pathogen Enterococcus faecalis using in vitro, in vivo and in silico approach
21.	2015	04/01/2015	EAFO Oncology	Nanomedicine
22.	2015	03/01/2015	6 th Annual Meet, Indian Academy of CT Guided Interventions "IACTI" on Non Vascular Interventions	Biology of Thermal Ablation
23.	2014	03/06/2014	Grant writing workshop, SRU	Components of a grant
24.	2014	23/02/2014	5 th Annual Meet, Indian Academy of CT Guided Interventions "IACTI" on Non Vascular Interventions	Biology of Thermal Ablation
25.	2014	06/03/2014	NANOSE-2014, Department of Bioelectronics and Biosensors, National Conference On Recent Advances in Nanomaterials for Sensor Application, Alagappa University, Karaikudi.	Nanomedicine
26.	2014	09/03/2014	ICSE-2014, Sri Ramachandra University, Chennai, Porur	Panelist
27.	2013	21/10/2013	V- Interactive Slide Seminar, Department of Oral and Maxillofacial Pathology, Sri Ramachandra university, Porur	PAK1 in Cancers
28.	2013	17/03/2013	4 th Annual Meeting on "Image Guided Interventions" by The Indian Academy of CT Guided Interventions "IACTI-2013" at Hotel Aloft, Chennai	Biology of Thermal Ablation

29.	2013	05/03/2013	International Conference on “Updates in research Ethics and Research Methodology 2013”, Sri Ramachandra University, Chennai, Tamil Nadu	Resource Faculty
30.	2012	12/12/2012	Seminar on “Cancer Biology- An Overview” by Post Graduate and Research Department of Zoology, Justice Basheer Ahmed Sayeed College for Women, Chennai.	Nanomedicine
31.	2012	04/12/2012 to 06/12/2012	Hybridoma Workshop, 2012 by Centre for Application of Radioisotopes and Radiation Technology, Mangalore University, Karnataka	Hybridoma Technology
32.	2012	21/11/2012	UGC Refresher Course on Nanoscience by National Centre for Nanoscience and Nanotechnology, University of Madras, Chennai.	Nanomedicine
33.	2012	15/09/2012	CME Program of ACBI, by Department of Clinical Biochemistry, Cancer Institute and ACBI, Cancer Institute, Chennai	Nanomedicine
34.	2012	17/08/2012	Nano Revelation 2012 – by Science City, Govt of Tamil Nadu Periyar Science and Technology Centre, Chennai,.	Nanomedicine
35.	2012	08/08/2012	Guest Lecture at Bharath university, Chennai.	Nanomedicine
36.	2012	10/04/2012	ICMR sponsored National seminar on “Novel Concepts in Drug Delivery Systems and Devices” by Sankaralingam Bhuvaneshwari College of Pharmacy, Sivakasi, Tamil Nadu	Nanomedicine
37.	2012	29/02/2012	Workshop on “Applications of Confocal Microscopy” by Sri Ramachandra University, Porur	Applications of LSM in Cancer Research
38.	2012	16/02/2012	Training Programme on “Nanotechnology and Applications” by National Institute of Technical Teachers Training and Research, Chennai, Tamil Nadu	Nanomedicine

39.	2012	11/02/2012	1 st National Seminar on Research Methodologies at TICEL park, taramani	Grant writing
40.	2012	08/01/2012	DEBATE-2012, Le Meridien, Bangalore, Karnataka	Participant
41.	2012	25/01/2012	National Seminar on “ Current Trends in the Development of Gene Therapy and Toxicotherapy in the Treatment of Cancer” by AICTE, DayanandaSagar College of Pharmacy, Bangalore	Nanomedicine
42.	2011	26/08/2011	CME on Nanotechnology by Dr. MGR University, Chennai and The Department of Dermatology, Tirunelveli Medical College	Nanomedicine
43.	2011	05/07/2011	Training on “Human Cellular Functional assays” by Madurai Kamaraj University, Madurai, Tamil Nadu	Applications of IHC in Cancer Research
44.	2011	12/02/2012	2 nd National Conference – Indian Academy of CT Guided Interventions	Biology of Thermal Ablation
45.	2010	27/11/2010	Seminar on “Nanoscience – Current Innovations and Future Perspectives” by Justice Basheer Ahmed Sayeed College for Women, Chennai, Tamil Nadu	Nanomedicine
46.	2010	18/11/2010	Satellite Symposium of International Conference on Radiation Biology by Sri Ramachandra University and IGCAR, kalpakkam	Panelist
47.	2010	17/11/2010	International Conference on Radiation Biology by Department of Human Genetics, Sri Ramachandra University and Indian Society for Radiation Biology	Panelist
48.	2010	29/10/2010	Symposium on “New Vistas in Life Sciences” by Department of Biochemistry, Acharya Arts and Science College, Puducherry.	Nanomedicine
49.	2010	14/10/2010	Workshop on “Chromatographic Techniques and their Applications by Sri Ramachandra University, Chennai.	Resource faculty
50.	2010	23/09/2010	Silver Jubilee Celebrations on the theme “Biotechnology for Safe Health and Secure Environment” by Sri Ramachandra University, Chennai.	Resource faculty

51.	2010	20/08/2010	Seminar on “A Pragmatic Approach to Patenting” by Tamil Nadu State Council for Science and Technology, Department of Plant Biology and Plant Biotechnology, Women’s Christian College, Chennai.	Participant
52.	2010	30/07/2010	CME on “Interpretation of Lab Data – Acid Base Imbalance and Calcium” by Department of Biochemistry, Sri Ramachandra University, Chennai.	Participant
53.	2010	20/03/2010	CME on “Update in lung tumors” by Department of Pathology, Sri Ramachandra University, Chennai.	Participant
54.	2010	16/02/2010	CME in Diagnosis of Genetic Diseases by ISHG, Manipal University, Manipal	Participant
55.	2009	23/10/2009	CME on “Rapid Revision in Forensic Medicine by Sri Ramachandra University, Chennai.	Participant
56.	2009	14/06/2009	Workshop on “Research Methodology, Medical Statistics and Good Clinical Practice” by Pfizer Education and Research League	Participant
57.	2009	18/03/2009	Faculty Development Programme by Sri Ramachandra University, Chennai.	Participant
58.	2009	13/02/2009	Workshop on “ Assays in Toxicology Biomarkers in Toxicology and Disease” by Loyola Institute of Frontier Energy, Chennai.	Resource faculty
59.	2008	21/10/2008	Hands on Training on “ Immunochemical Techniques” by Department of Periodontics and Department of Human Genetics, Sri Ramachandra University	Resource faculty
60.	2008	29/03/2008	Management Development Programme by Sri Ramachandra University, Chennai, Tamil Nadu	Resource faculty

Honors/Awards

S.NO	YEAR	DATE	TITLE OF THE AWARD	INSTITUTION/ORGANISATION
1.	2019	18/09/2019	Shri.R.Dakshinamurthy and Smt. Adhilakshmiammal Best research publication Gold Medal	Sri Ramachandra University
2.	2018	18/09/2018	Certification of merit for publication with impact factor 5.21	Sri Ramachandra University
3.	2018	18/09/2018	Certification of merit for publication with impact factor 3.92	Sri Ramachandra University
4.	2018	18/09/2018	Certification of appreciation- Editorial Board member, University Newsletter	Sri Ramachandra University
5.	2017	19/09/2017	Certification of merit for publication with impact factor 4.798	Sri Ramachandra University
6.	2017	19/09/2017	Certification of merit for publication with impact factor 9.269	Sri Ramachandra University
7.	2017	11/10/2017	National best teacher award	C.V.S Krishna Murthy Theja Charities, Tirupati
8.	2016	22/09/2016	Dr. Vinod Kumar Bhargava award, Best Research Publication	National Academy of Medical Sciences (India)
9.	2016	16/06/2016	Shri.R.Dakshinamurthy and Smt. Adhilakshmiammal Best research publication gold medal	Sri Ramachandra university.

Patent filed: None

Research Guidance at SRMC &RI

S. No.	Register Number	Student Name	Fellowship	Title of the dissertation (Ph.D)	Status
1.	PhD(RR)/203-FT/VII/2009	MsSofiBeula W	SRU-Founder Chancellor	Antimicrobial activity of cationic synthetic peptides	Degree Awarded, 2015
2.	PhD(RR)/197-FT/VII/2009	MsAkila K	SRU-BMS	Synthesis and characterization of diglycolamic acid functionalized and anti-HER2 targeted polyamidoaminedendrimer- cisplatin nanoparticles for the treatment of cancer	Degree Awarded, 2016
3.	PhD(RR)/198-FT/VII/2009	Ms Ganga B	SRU-BMS	Biological evaluation of dipeptide coated magnetic nanoparticles in lung cancer models under pulsed electromagnetic field	Degree Awarded, 2018
4.	PhD(RR)/266-FT/VII/2011	MsGowri	DBT RGYI Grant	Bioactivity of β -lactam substituted polycyclic fused pyrrolidinepyrrolizidine derivatives: <i>in vitro</i> , <i>in vivo</i> & <i>in silico</i> studies	Degree Awarded, 2017
5.	PhD(RR)/241-FT/VII/2011	MsMathangi R	DST FT Project	Molecular mechanism of anticancer activity of phycocyanin in triple negative breast cancer cells	Degree Awarded, 2016
6.	PhD(RR)/341-FT/VII/2013	Mr B Hemadev	SERB	Bioactivity of novel glycoheterocyclic compounds	Degree Awarded, 2019
Research Guidance (Ph.D/ Co-Guide)					
7.	PhD(RR)/179-PT/II/2009	DrVenkateshBabu	NA	Efficacy of silver nanoparticles against <i>E.faecalis</i> - an <i>in vitro</i> study	Degree Awarded
8.	PhD(RR)/288-FT/VII/2012	Sai Harish R	SERB	Synthesis of new curcumin hybrids	Degree Awarded 2017
9.	PhD/(INT)/8FT/11/09	DrRagunathan	ICMR	Hyperinflammatory monocytes in periodontitis and diabetes mellitus	Degree Awarded, 2019

S. No.	Register Number	Student Name	Batch	Title of the dissertation (M.Sc Human Genetics)
1.	2307002	AneshRamadass . K	2007 - 2009	A study on the anti-neoplastic effect of curcumin on human non small cell lung cancer cell line A549, <i>in vitro</i>
2.	2307006	Gayatri Devi. K	2007 - 2009	Cytotoxic and antimetastatic effect of curcumin on human non small cell lung cancer cell line H460, <i>in vitro</i>
3.	2308001	AlagammaiMut happen	2008 - 2010	Cytotoxicity of thermo ablative temperatures on A549 non-small cell lung adenocarcinoma cell line
4.	2308003	S. Jeevitha	2008 - 2010	Anti-metastatic effect of curcumin on human lung carcinoma cell line A459 in-vitro
5.	2309011	RamyaRanganathan	2009 - 2011	<i>In vitro</i> cell death measurement on human lymphocytes and Immortal cell lines after heating: effect of metal oxide nanoparticles pretreatment
6.	2309012	M. Shruthilaya	2009 - 2011	Green synthesis of silver nanoparticles, characterization and a study on its antimicrobial property and cytotoxicity
7.	2310003	CharviNangia	2010 - 2012	Study of novel chromones for their anti-cancer effects
8.	2311010	RajithHarimoorthy	2011 – 2013	Antimicrobial activity of novel compounds
9.	2312001	Anjana G	2012 – 2014	Study of bactericidal effects of silver nanoparticles
10.	2312002	Anu Sarah Philip	2012 – 2014	Screening of potential anti-cancer agents and evaluating their anti-tumorigenic effects of human pancreatic cancer cell line
11.	2313011	V Shangamithra	2013-2015	Expression of PAK1 in glioma cell lines
12.	2314014	Vasudha G	2014-2016	Expression of PELP-1/MNAR, a nuclear receptor co-regulator, in Leukemia
13.	BPHG15001	Anuradha CV	2015-2017	<i>Insilico</i> analysis for PAK1 (p21 activated kinase 1) and STAT3 (Signal transducers and activators of transcription 3) interactions to identify novel phosphorylation sites
14.	BPHG16008	S Divya	2016-2018	Expression of PELP1 in colorectal cancers
15.	BPHG16014	K Ragakeerthi	2016-2018	Anti cancer effect of Thymoquinone on H460 cells
16.		S Roshini	2017-2019	Expression of PAK1 in Breast cancers
17.		K Chandanbala	2017-2019	Effect of RGM on MCF-7 breast cancer cells

Sponsored Research Grants and consultancy projects procured and managed at SRMC & RI:

S. No	Grant Title	Funding Agency	Duration	Collaborating Institute	Amount Sanctioned
	On going				
1.	Design & Screening of novel small molecules as potential inhibitors of the oncogenic signalling kinase PAK1 for Glioblastomamultiforme	SERB	2018-2021	IIT M	25.85Lakhs
	Completed				
1.	Investigating serum PAK1 as a diagnostic and prognostic marker in breast cancer patients	Board of Research in Nuclear Sciences	2015-2018	IIT Madras	30.85 lakhs
2.	PAK-1 as a therapeutic target in Glioma	Department of Biotechnology	2014-2017	IIT Madras	37.58 Lakhs
3.	Synthesis and antiproliferative activity of novel glycoprrolidines	Department of Science & Technology	2012-2015	Department of Organic Chemistry, University of Madras	27.94Lakhs
4.	^{99m} Tc radiolabeled dendrimer drug conjugates targeted to ovarian cancer cells	Board of Research in Nuclear Sciences	2010-2013	IGCAR Kalpakkam	20.58 Lakhs
5.	Phycocyanin - a novel COX-2 inhibitor for chemotherapy of epithelial neoplasms	Department of Science & Technology	2010-2013		13.83 Lakhs
6.	Assessment for Pre-clinical utility of peptide nanostructures	Department of Biotechnology	2010-2013	ICGEB New Delhi	9.38 Lakhs
	Co-Investigator (Completed)				
1.	Synthesis and evaluation of Novel Curcumin conjugates and hybrids as potential anti-cancer agents	Department of Science & Technology	2012-2015	Department of Medicinal Chemistry, SRU	30 Lakhs
2.	Production of immunoassay compatible monoclonal antibodies against human thyroid stimulating hormone (hTSH) and their application	Board of Research in Nuclear Sciences	2012-2015	Department of Biotechnology, IIT Madras	34.9 Lakhs

	in Immunoassay development				
3.	Investigating the role of P21 activated kinase 1 (Pak1) signaling in pancreatic adenocarcinoma (PDAC)	Department of Biotechnology	2011-2014	Department of Biotechnology, IIT Madras	79 Lakhs

Events Organized at SRMC & RI

	Event	Venue	Date	Role
1.	Guest Lecture on Diabetis	SRIHER	12/04/2019	Organizing Secretary
2.	Guest Lecture on Molecular Oncology	SRIHER	05/03/2019	Organizing Secretary
3.	Guest Lecture on Neuroscience	Sri Ramachandra University, Chennai, Tamil Nadu	09/11/2018	Organizing Secretary
4.	CME on Molecular Oncology	Sri Ramachandra University, Chennai, Tamil Nadu	23 rd August, 2017	Organizing Secretary
5.	Invited Talk on G Protein coupled receptor	Sri Ramachandra University, Chennai, Tamil Nadu	6 th April, 2016	Organizing Secretary
6.	Invited Talk on Mucin Biology	Sri Ramachandra University, Chennai, Tamil Nadu	3 rd February, 2016	Organizing Secretary
7.	Medicinal Chemistry & Drug Design, (MCADDI) jointly with organized with ACS	Sri Ramachandra University, Chennai, Tamil Nadu	08-12, February, 2015	Member, Organizing Commitee
8.	Workshop on Basic Flow cytometry, Society of Neuroscience, SNCI-CON	SRMC & RI	9 th September, 2014	Organizing Secretary
9.	14 th Indo US Workshop on Flow Cytometry, jointly organized with NCBS	Sri Ramachandra University, Chennai, Tamil Nadu	28 th to 30 th October 2013	Organizing Secretary
10.	Seminar cum Workshop on “Applications of Confocal Microscopy”	Sri Ramachandra University, Chennai, Tamil Nadu	27 th – 29 th February, 2012	Member, Organizing Commitee

11.	2 nd Meeting of “Clinical Practice Guidelines in Oncology-2012”	Hotel Rain Tree, Chennai, Tamil Nadu	22 nd December, 2012	Member, Organizing Committee
12.	“Clinical Practice Guidelines in Oncology-2010”	Vivanta by Taj – Fisherman’s Cove Chennai, Tamil Nadu	28 th November, 2010	Member, Organizing Committee
13.	International Conference on Radiation Biology	Sri Ramachandra University, Chennai, Tamil Nadu	17 th November, to 19 th November, 2010	Member, Organizing Committee
14.	CME and Demonstration Workshop on “Flow Cytometry in Oncology”	Sri Ramachandra University, Chennai, Tamil Nadu	14 th September, 2009	Organizing Secretary

Other Activities

Member Internal Quality Assurance Committee, SRIHER

Member of Doctoral committee for Ph.D. students

Member of :

BRNS RTAC TPDM committee Invited Expert Member; 2013-16

Indian Institute of Technology, Madras (IIT M) Technical Committee

DAE External Expert for monitoring CARRT & MAC Facility at Mangalore University

National and local Co-curricular Activities

National Committees:

Ad Hoc Grant Reviewer, SERB, Govt. of India.

Ad Hoc Grant Reviewer, DBT BIRAC, Govt. of India

Organizing Team, INSPIRE Program

Local Committees:

Member Secretary - Institutional Ethics Committee, SRIHER

Member of Institutional Biosafety Committee (IBSC) of Christian Medical College, Vellore.

Service Roles

Institutional responsibilities handled at SRMC & RI:

Member, Sri Ramachandra Center for International Collaborations, since, 2016

Member of NAAC Core Committee, 2008, 2014.

Member of Editorial Board, University News letter, since 2008.

Member Editorial Board, University Journal, since 2015

Reviewer for**Journals:**

International J Nanomedicine

Gene

Biochimie

PlosOne

Funding Agencies:

Department of Biotechnology (DBT),

Department of Science and Technology (DST), Government of India.

PhD Thesis:

Central University, Hyderabad.

Anna University, Madras

University of Madras

Manipal University

IICT, Hyderabad, Osmania University, Hyderabad

Professional Memberships

Member - American chemical Society.

Member - Association of Clinical Biochemists of India.

Member- American Association for Cancer Research