Dr.G.Kumaresan

Professor & Head

Department of Genetics

School of Biological Sciences

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Educational Qualifications : M.Sc., Biology, Madurai Kamaraj University, Madurai

Ph.D., Molecular Biology, Madurai Kamaraj University

Professional Experience : Teaching : 13 Yrs ; Research :16 Yrs

FIELD OF SPECIALIZATION

- **Cancer Genomics & Molecular Cancer Therapeutics**

RESEARCH SPECIALIZATION

- Cancer Genetics
- Understanding the complexities in Cancer Biology by Integrative Functional Genomics
- Targeted Molecular Cancer Therapeutics
- Repurpose Screening for Targeted Cancer Therapeutics

Research Supervision:

Program	Completed	Ongoing
Ph.D	**6**	**4**
JRF / Project Fellows Trained	**15**	**5**

PROFESSIONAL EXPERIENCE

No	Institution	Position	From (date)	To (date)
1	Dept. of Genetics, School of Biological Sciences, Madurai Kamaraj University	Professor & Head	2013	Now
2	Dept. of Genetics, School of Biological Sciences, Madurai Kamaraj University, Madurai, India	Associate Professor	2010	2013
3	Centre for Excellence in Genomic Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai, India	Reader	2008	2010
4	Molecular Genomics Lab, Cellular & Molecular Research Division, National Cancer Centre, Singapore	Postdoctoral Research Fellow	2006	2008
5	Agenica Research Private Ltd, Molecular Genomics Lab, Cellular & Molecular Research Division, National Cancer Centre, Singapore	Research Associate	2005	2006
6	Dept. of Molecular Genetics, M.D.Anderson Cancer Center, Houston, Texas, U.S.A.	Postdoctoral Research Fellow	2002	2004

RESEARCH COLLABORATION (BOTH NATIONAL & INTERNATIONAL)

Name of the Collaborator	Institute	Collaboration Details	Collaboration Output (Papers/Patents/Research)
Dr. Patrick Tan, Professor & Group Leader	Duke Graduate Medical School & Genome Institute of Singapore, Singapore	Gifted the reagents and genomics data of gastric cancer cell lines	Research articles published in gastric cancer genomics
Dr.T.Rajkumar, Professor	Dept. of Molecular Oncology, Cancer Institute (WIA),	Evaluation of GC biomarkers by IHC with the tumor samples from	Unit of EXCELLENCE (UOE) IN

Dr. Shirley Sundersingh	Adyar Dept. of Oncopathology, Cancer Institute (WIA), Adyar	Adayar Cancer Centre, Chennai	CANCER BIOLOGY program funded by DBT
Dr. Ramesh Arthanari, Dean	Department of Surgical Gastroenterology, Meenakshi Mission Hospital & Research Centre, Madurai.		Unit of EXCELLENCE (UOE) IN CANCER BIOLOGY program funded by DBT
Dr. Rayala Suresh Kumar, Professor	Dept. of Biotechnology, Indian Institute of Technology Madras (IITM), Chennai	Sharing the reagents and expertise for molecular cellular cancer biological experiments and cancer genomic investigations	Research publications, Collaborative Projects & Student Training / Exchange
Dr.K.Kirushna Kumar, Medical Oncologist	Dept. of Radiation Oncology, Meenakshi Mission Hospital & Research Centre, Madurai	Identification of drugs compatible for Radiation therapy by cellular experiments	Published a paper and completed a Research project
Dr. G. Madhusudhanan, Consultant Pathologist	Dept. of Pathology, Meenakshi Mission Hospital & Research Centre, Madurai	Investigation of gastric tumor samples by IHC	Unit of EXCELLENCE (UOE) IN CANCER BIOLOGY program funded by DBT
Dr. Piyush Trivedi, Professor	Rajiv Gandhi Proudyogiki Viswavidyalaya (University of Technology of Madhya Pradesh), Gandhi Nagar, Bhopal	Sharing the pharmacological libraries and investigating the drug candidates for biological features	Few publications
Dr.Ganesh Sanjeev,	Dept. of Physics, Mangalore	Collaboration with Microtron Centre, Mangalore University, Mangalore to	Completed two BRNS funded

Professor	University, Mangalore	understand the genomic impact of electron beam radiation in cancer cells	research projects and published a paper
30 Principal Investigators	From various Institutions across India	Test the potential anti-cancer therapeutic features of the compounds of different investigators from different institutions under the "*Drug Discovery Programme*" support of DAE at MKU with the reagents and facility developed at MKU with the support of DAE project	Screened about 375 compounds of 30 collaborators. Published several papers.
Dr.Sun Young Rha	Department of Internal Medicine, Yonsei Cancer Centre, Yonsei University College of Medicine, Seoul, South Korea	Shared the gastric cancer cell lines	Published a paper
Dr.Chidambaranathan	Homeopathy Medical Practitioner, Madurai	To screen Homeopathy drugs for oncogenic pathway inhibitory features	Screened 60 homeopathy drugs, identified a lead drug, and published a paper
Dr.Subash Chandran	Siddha Medical College Tirunelveli	To screen Siddha drugs for oncogenic pathway inhibitory features	Screened 25 homeopathy drugs and made a project proposal with Dept. of AYUSH
Dr.Annaraj & Dr.Vasantha	School of Chemistry, Madurai Kamaraj University	Synthesis of Nano-particles for drug target identification	Completed a DBT project and working in a manuscript

COMPLETED RESEARCH PROJECTS

No	Title of the Project	Funding Agency	Total Grant (Rs. in lakhs)	Year
1	Optimization and identification of cellular targets of potent anti-cancer drugs by nanoparticle mediated capture assays	DBT	51	2013-2016
2	Establishment of multi-target screening platform for a rapid hit-to-lead selection process in targeted and combinatorial drug development	DBT	83	2013-2016
3	Investigation of "Microtron generated low-energy electron beam induced chemo-sensitization response" for combinatorial cancer therapy	BRNS	15	2011-2014
4	Genomic, epigenomic and functional characterization of *EXO1* in breast cancer	CSIR	21	2010-2014
5	Identification and evaluation of dysregulated functional modules in breast cancers by integrative gene expression network modeling	UGC	15	2010-2013
6	RNAi based functional scanning of amplified genomic regions in gastric cancers for potential therapeutic target identification	DBT	50	2010-2013
7	Development of drug discovery assay tools and identification of potential cancer therapeutic compounds	DAE	125	2009-2013
8	Molecular Genomic Characterization of Microtron Based Cancer Therapy in an In Vivo Tumor Model	BRNS	15	2009-2012
9	Functional genomic delineation of convolutions in Wnt signaling pathway for gastric cancer diagnostics	DBT	29	2009-2012
10	Molecular and cellular characterization of the therapeutic potential of PLA2G2A, a novel biomarker gene in metastatic gastric cancer	DST	20	2009-2012

ON-GOING RESEARCH PROJECT

No	Title of the Project	Funding Agency	Total Grant(in Rs. Lakhs)	Year
1	UNIT OF EXCELLENCE (UOE) IN CANCER	DBT	365	2015-2020

	GENETICS: "Development of Genomics Guided Novel Diagnostic and Targeted Therapeutic Strategies for Gastric cancer"			
2	Identification of Genes and pathways involved in Hypocholestremic drug responsiveness in human cells by RNAi based functional pharmacogenomics	ICMR	60	2017-2020
3	Development of "γ Radiation Induced Stomach Onco-Transcriptomic (RISOT-G) network" and identification of biomarker candidates predictive of combinatorial therapeutic response	BRNS	20	2017-2020

HONORS/AWARDS/RECOGNITIONS

- Gold Medal, for ranking **University First in B.Sc., Zoology**, Manonmaniam Sundaranar University, Tirunelveli, India, 1995
- Mrs.Marie Buck Memorial prize for highest marks in B.Sc., Zoology, Sri Paramakalyani College, Alwarkuruchi, 1996.
- Gold Medal, for ranking **University First in M.Sc., Biology**, Madurai Kamaraj University,
  Madurai, India, 1997
- Prof.S.Krishnaswamy memorial Endowment Prize, for highest marks in M.Sc., Biology, Madurai Kamaraj University, 1997
- Dr.M.Varadarajan Memorial Endowment Prize, for proficiency in M.Sc., Biology, Madurai Kamaraj University, 1997
- Dr.T.P.Meenakshi Sundaram Endowment Prize, for proficiency in M.Sc., Biology, Madurai Kamaraj University, 1997
- 45th Inter University Board of India & Ceylon Prize, for highest marks in M.Sc., Biology, Madurai Kamaraj University, 1997
- Bettyann Asche-Murray Grant Award, M.D.Anderson Cancer Centre, Texas, U.S.A, 2004

PUBLICATIONS

1. Ramani Gopal, Karthikeyan Selvarasu, Ponmathi Panneer Pandian and **Kumaresan Ganesan**, Integrative transcriptome analysis of liver cancer profiles identifies the upstream regulators and clinical significance of *ACSM3*, ***Cellular Oncology, 2017,*** 40(3):219-233 (IF: 3.6).

2. Tamilzhalagan Sembulingam, Dhanasekaran Rathinam and **Kumaresan Ganesan**, Amplified 7q21-22 gene MCM7 and its intronic miR-25 suppress COL1A2 associated genes to sustain intestinal gastric cancer features, ***Molecular Carcinogenesis, 2017,*** 56(6):1590-1602 (IF: 4.8).

3. Kalaivani Kalamohan, Dhanasekaran Rathinam, Ponmathi Panneer Pandian and **Kumaresan Ganesan**, Coexpressed modular gene expression reveals inverse correlation between immune

responsive transcription and aggressiveness in gastric tumors, ***Cancer Immunology & Immunotherapy,*** 2017, 66(7):941-954 (IF: 4.8).

4. Ramesh V, Selvarasu K, Pandian J, Myilsamy S, Shanmugasundaram C and **Ganesan K**, NFκB activation demarcates a subset of hepatocellular carcinoma patients for targeted therapy, ***Cellular Oncology, 2016,*** 39(6):523-536. (IF: 3.6).
5. Thangaraj SV, Shyamsundar V, Krishnamurthy A, Ramani P, **Ganesan K**, Muthuswami M, Ramshankar V. Molecular Portrait of Oral Tongue Squamous Cell Carcinoma Shown by Integrative Meta-Analysis of Expression Profiles with Validations, ***PLoS One***. 2016 Jun 9;11(6):e0156582 (IF: 3.2)
6. Tamilzhalagan Sembulingam, Muthulakshmi Muthuswami and **Kumaresan Ganesan#**, Juxtaposed genes in 7q21-22 amplicon contribute for two major gastric cancer sub-types by mutual exclusive expression, ***Molecular Carcinogenesis,*** 2017, 56(4):1239-1250. (IF: 4.8).
7. Vignesh Ramesh & **Kumaresan Ganesan**, Integrative Functional Genomic Delineation of the Cascades of Transcriptional Changes Involved in Hepatocellular Carcinoma Progression, ***International Journal of Cancer***, 2016, 139 (7), 1586–1597 (IF: 6.5).
8. Vignesh Ramesh & **Kumaresan Ganesan**, Integrative functional genomic analysis unveils the differing dysregulated metabolic processes across hepatocellular carcinoma stages, ***Gene***. 2016, 588(1):19-29. (IF: 2.3).
9. Ramesh V, **Ganesan K**. Integrative analysis of transcriptome and miRNome unveils the key regulatory connections involved in different stages of hepatocellular carcinoma. ***Genes to Cells.*** 2016; 21(9):949-65 (IF: 2.8).
10. Ramani Gopal, Usha Rani, Ram Murugesan, Kirushna Kumar, Ganesh Sanjeev, **Kumaresan Ganesan**, Functional Genomic Investigation of the Molecular Biological Impact of Electron Beam Radiation in Lymphoma Cells, ***Clinical Lymphoma, Myeloma & Leukemia***, 2016;16(5):253-263 (IF: 2.0)
11. Kathiresan V, Subburaman S, Krishna AV, Natarajan M, Rathinasamy G, **Ganesan K**, Ramachandran M., 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):249-262***,*** (IF: 1.0)
12. Tamilzhalagan Sembulingam, Muthulakshmi Muthuswami, Jayaprakash Periyasamy, Sun Young Rha, Patrick Tan, **Kumaresan Ganesan**, Upregulated, 7q21-22 amplicon candidate gene SHFM1 confers oncogenic advantage by suppressing p53 function in gastric cancer, 2015, ***Cellular Signalling***, 27(6):1075-86 (IF: 4.1)
13. Kavitha Kandiah, Rajendran Venkatahalam, Chunyan Wang, Suresh Valiyaveettil, **Kumaresan Ganesan**, In vitro and preliminary in vivo toxicity screening of high-surface-area TiO2-chondroitin-4-sulfate nanocomposites for bone regeneration application, ***Colloids and Surfaces B: Biointerfaces***, 2015, PII: S0927-7765 (15) 00103-4, (IF: 4.3).
14. Mathiyazhagan Arun Divakar, Velnathan Sudhamani, Sivakumar Shanmugam, Thillaichidambaram Muneeswaran, Sembulingam Tamilzhalagan, Muthiah Ramakritinan

and **Kumaresan Ganesan**, Facile synthesis and characterization of bio-organometallic compounds and their biological activity contour against human pathogens, ***RSC Adv.***, 2015,5, 8362-8370 (IF: 3.7)

15. Kalaivani Kalamohan, Jayaprakash Periasamy, Divya Bhaskar Rao, Georgina D Barnabas, Sri Pon Gayatri, **Kumaresan Ganesan**, Transcriptional coexpression network reveals the involvement of varying stem cell features and dysregulations in different gastric cancer subtypes, ***Molecular Oncology,*** 2014, 1306-25 (IF: 5.7)

16. Subburaman S, **Ganesan K**, Ramachandran M.,Protective role of naringenin against doxorubicin-induced cardiotoxicity in a rat model: histopathology and mRNA expression profile studies, ***J Environ Pathol Toxicol Oncology.*** 2014; 33(4):363-76 (IF: 1.2)

17. J. Annaraj, R. Dhivya, M. Vigneshwar, K. Dharaniyambigai, **G. Kumaresan**, M. Rajasekaran, Studies on The Enhanced Biological Applications of PVA Loaded Nanocurcumin, ***Journal of NanoScience and NanoTechnology***, 2014, 2 (4), 490-495.

18. Jayaprakash Periasamy, Muthulakshmi Muthuswami, Divya Bhaskar Rao, Patrick Tan and **Ganesan Kumaresan**. Stratification and delineation of gastric cancer signaling by in vitro transcription factor activity profiling and integrative genomics, ***Cellular Signalling***, 2014. 26 (2014) 880–894 (IF: 4.1)

19. Velusamy Gomathi Sankareswari, Devaraj Vinod, Ayyasamy Mahalakshmi, Meena Alamelu, **Ganesan Kumaresan**, Ramasamy Ramaraj and Seenivasan Rajagopal, Interaction of oxovanadium(IV)–salphen complexes with bovine serum albumin and their cytotoxicity against cancer, ***Dalton Transactions***, 2014, 43(8):3260-72 (IF: 3.8).

20. Anish Babu, Jayaprakash Periasamy, Amsaveni Gunasekaran, **Ganesan Kumaresan**, Selvaraj Naicker, Paramasamy Gunasekaran, Ramachandran Murugesan, Polyethylene Glycol-Modified Gelatin/Polylactic Acid Nanoparticles for Enhanced Photodynamic Efficacy of a Hypocrellin Derivative In Vitro, ***Journal of Biomedical Nanotechnology***, 9, 177-192, 2013. (IF: 5.8)

21. Muthulakshmi Muthuswami, Vignesh Ramesh, Saikat Banerjee, Jayaprakash Periyasamy, Soundara Viveka, Divya Rao, Georgina Barnabas, Sweta Ragava, **Kumaresan Ganesan**, Breast tumors with elevated expression of 1q candidate genes confer poor clinical outcome and sensitivity to Ras/PI3K inhibition, ***PLOS One,*** *2013; 8(10):e77553* (IF: 3.2)

22. Jayaprakash Periasamy, Muthulakshmi Muthuswamy, Vignesh Ramesh, Thangaselvam Muthusamy, Amrita Jain, Chandrabose Karthiheyan, Piyush Trivedi, Rayala Suresh Kumar, Sun Young Rha, Paramasamy Gunasekaran, Partick Tan and **Kumaresan Ganesan**, Multiple oncogenic pathway inhibiting features of nimesulide and celecoxib indicate their repositioning candidacy for gastric cancer therapeutics, ***Journal of Cancer Sciences & Therapy***, 5(4) 126-136, 2013.

23. **Kumaresan Ganesan**, Saikat Banerjee, Paramasamy Gunasekaran, Patrick Tan, and Suresh K. Rayala, Integrative Functional Genomics in Cancer Research and Its Clinical Implications, ***Journal of Cancer Molecules,*** 2010, 5(3): 65-71.

24. Ooi CH, Ivanova T, Wu J, Lee M, Tan IB, Tao J, Ward L, Koo JH, Gopalakrishnan V, Zhu Y, Cheng LL, Lee J, Rha SY, Chung HC, **Ganesan K**, So J, Soo KC, Lim D, Chan WH, Wong WK, Bowtell D,

Yeoh KG, Grabsch H, Boussioutas A, Tan P., ***PLoS Genetics***. 2009, 5(10):e1000676. (IF: 8.5)

25. **Kumaresan Ganesan,** Tatiana Ivanova, Yonghui Wu, Vikneswari Rajasegaran, Jeanie Wu, Ming Hui Lee, Kun Yu, Sun Young Rha, Hyun Cheol Chung, Bauke Ylstra, Gerrit Meijer, Kon Oi Lian, Heike Grabsch, and Patrick Tan. Inhibition of Gastric Cancer Invasion and Metastasis by *PLA2G2A*, a Novel β-catenin/TCF Target Gene. ***Cancer Research****,* 68 (11): 4277-4286, 2008. (IF: 9.3)

26. Kun Yu, **Kumaresan Ganesan**, Lay Keng Tan, Mirtha Laban, Jeanie Wu, Xiao Dong Zhao, Hongmin Li, Carol Ho Wing Leung, Yansong Zhu, Chia Lin Wei, Shing Chuan Hooi, Lance Miller, Patrick Tan. A Precisely Regulated Gene Expression Cassette Potently Modulates Metastasis and Survival in Multiple Solid Cancers. ***PLOS Genetics***, 4 (7): e1000129, 1-12, 2008. (IF: 8.5)

27. Hou Q, Wu YH, Grabsch H, Zhu Y, Leong SH, **Ganesan K**, Cross D, Tan LK, Tao J, Gopalakrishnan V, Tang BL, Kon OL, Tan P., Integrative genomics identifies RAB23 as an invasion mediator gene in diffuse-type gastric cancer, ***Cancer Research***. 2008, 15;68(12):4623-30. (IF: 9.3)

28. Chen W, Salto-Tellez M, Palanisamy N, **Ganesan K**, Hou Q, Tan LK, Sii LH, Ito K, Tan B, Wu J, Tay A, Tan KC, Ang E, Tan BK, Tan PH, Ito Y, Tan P., Targets of genome copy number reduction in primary breast cancers identified by integrative genomics., ***Genes Chromosomes Cancer***. 2007, 46(3):288-301. (IF: 4.0)

29. Ou K, Kesuma D, **Ganesan K**, Yu K, Soon SY, Lee SY, Goh XP, Hooi M, Chen W, Jikuya H, Ichikawa T, Kuyama H, Matsuo E, Nishimura O, Tan P., Quantitative profiling of drug-associated proteomic alterations by combined 2-nitrobenzenesulfenyl chloride (NBS) isotope labeling and 2DE/MS identification., ***J Proteome Research***. 2006, 5(9):2194-206. (IF: 4.2)

30. **Kumaresan G**, Mathavan S., Molecular diversity and phylogenetic analysis of mariner-like transposons in the genome of the silkworm Bombyx mori., ***Insect Mol Biol***. 2004, 13(3):259-71. (IF: 2.8)

31. KG Mohan, **G Kumaresan**, S Mathavan, D Muraleedharan, Characterization and cDNA cloning of apolipophorin III gene in the red cotton bug, Dysdercus cingulatus, ***Entomon***, 2002, 29(4): 373-381.

32. **G. Kumaresan** and S. Mathavan, RGF–PCR: A technique to isolate different copies of a multi-copy gene, ***Current Science***, 2002 82 (4), 442-447. (IF: 1.0)

33. **Kumaresan G**, Venugopal T, Vikas A, Pandian TJ, Mathavan S.,Cloning of partial putative gonadotropin hormone receptor sequence from fish ***J Biosci.*** 2000, 25(1):41-5. (IF: 1.4)

PAPER PRESENTED IN CONFERENCE/SEMINAR/WORKSHOP

No.	Name of the Conference	Date (Month & Year)	Institute & Place	Title of the Paper	Author(s)
1	Refresher Course on "Advances in Biological Sciences" from 09th – 29thMarch 2018	Mar-2018	Madurai Kamaraj University	Genomics and Computational Genomics approaches for Biomedical investigations	Kumaresan Ganesan
2	International Congress of Cell biology	Jan-2018	Hyderabad	High Concentration of salt mediated activation of multiple transcription factors in human stomach cells	Karthik Balakrishnan, Kumaresan Ganesan
3	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Delineation of signalling cascades connected to a nucleoside analog reverse transcriptase inhibitor(NRTI) in gastric cancer cells	Ponmathi Panner Pandian, Kumaresan Ganesan
4	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	ERK/MAPK/ELK1 transcriptional activity assay system reveals the targeted therapeutic potential of a small molecule inhibitor targeting 30S ribosome for a subset of gastric cancer patients	Jaishree Pandian, Kumaresan Ganesan
5	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Genomic Investigation of transcription program governed by Ying Yang (YY1) in gastric cancer	Divya Bhaskar Rao, Kumaresan Ganesan
6	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of the targeted therapeutic feature of PDK inhibitor for gastric cancers with altered glucose metabolism	Ashwini John, Karthick Balakrishnan, Kumaresan Ganesan
7	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Activated NFAT confers metastatic potential to gastric cancer cells with poor survival	Dhanasekaran Rathinam, Kumaresan Ganesan
8	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Functional genomic investigation of HNF4a mediated transcriptional regulation in gastric cancer	Karthikeyan Selvarasu, Shri Vishalini Rajaram, Kumaresan Ganesan
9	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of the signalling pathways modulated by the hypercholesterimic drug, statin	Anantharaj Marimuthu, Kumaresan Ganesan
10	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of molecular, cellular, biochemical and genomic dysregulations associated with lipid metabolism in gastric cancer	Karthik Balakrishnan, Dhanasekaran Rathinam, Kumaresan Ganesan

11	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	An approach to identify the drugs to be used safely with statin based on the pathways modulat ted by statin	Anusha Alaganandam, Anantharaj Marimuthu, Kumaresan Ganesan
12	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of genes continuously modulated upon statins by integrative functional genomics	Priyanka B, Anantharaj Marimuthu, Kumaresan Ganesan
13	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of pathways to be targeted for diffuse type gastric tumours with dysregulated Extracellar Matrix	Shri Vishalini Rajaram, Ponmathi Panner Pandian, Kumaresan Ganesan
14	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Identification of the involvement of NMDA receptor mediated signalling in gastric cancer	Kasturi Siddhanta, Kumaresan Ganesan
15	49th Aqua-Terr annual conference on Biological sciences	Feb-2018	Madurai Kamaraj University	Stratification of gastric cancer patients based on whole exome sequencing data from cancer consortium database towards personalized targeted therapeutics	Sujith Manavalan, Kumaresan Ganesan
16	Refresher Course in Biology	Nov-2017	Human Resource Development Centre, Madurai Kamaraj University	Research Projects, Possibilites &Reality: My experience & Views	Kumaresan Ganesan
17	National level seminar on Recent advances in antiviral drug design and discovery against emerging and re-emerging viral diseases	Oct-2017	Krishnan International research centre, Kalasalingam University	Emergence of Personal Genomics approaches for targeted cancer therapeutics (Invited talk).	G. Kumaresan
18	National level seminar on Recent advances in antiviral drug design and discovery against emerging and re-emerging viral diseases	Oct-2017	Krishnan International research centre, Kalasalingam University	Molecular cellular analysis of selected food additives for their impact on WNT signalling pathway in human stomach cancer cells	Karthik Balakrishnan and Kumaresan Ganesan
19	National level seminar on Recent advances in antiviral drug design and discovery against emerging and re-emerging viral diseases	Oct-2017	Krishnan International research centre, Kalasalingam University	Delineation of signalling cascades connected to the drug Abacavir in gastric cancer cells	Ponmathi Panneerpandian and Kumaresan Ganesan
20	NextGen Genomic, Biology, Bioinformatics and Technologies (NGBT) conference	Oct-2017	Bhubaneswar, Odisha	Integrative functional genomics guided approaches for the development of next-generation sub-stratification tumors and personalized therapeutics	Kumaresan G

21	NextGen Genomic, Biology, Bioinformatics and Technologies (NGBT) conference	Oct-2017	Bhubaneswar, Odisha.	Identification of the bimodal trasncriptional regulation of SP1 trasncription factor in sub-sets of gastric cancer	Jaishree S, Kumaresan G
22	NextGen Genomic, Biology, Bioinformatics and Technologies (NGBT) conference	Oct-2017	Bhubaneswar, Odisha.	Delineation of HIF1α mediated transcription program and the oncogenic signalling pathways in gastric tumors.	Dhanasekaran R, Kumaresan G.
23	NextGen Genomic, Biology, Bioinformatics and Technologies (NGBT) conference	Oct-2017	Bhubaneswar, Odisha.	Functional genomic investigation of peroxisome proliferator-activator receptor gamma (PPARG) mediated transcriptional response in gastric cancer.	Karthikeyan S, Kumaresan G.
24	Recent Advances in Antiviral Drug Design Against Emerging and Re-Emerging Viral Diseases	Oct-2017	Kalasalingam University	Molecular cellular analysis of selected food additives for their impact on Wnt signaling pathway in human stomach cancer cells (**Won the best poster award**)	B.Karthik & G.Kumaresan
25	International conference on Molecular Signature – Gen Nxt, Departments of Microbiology, Biochemistry and PG Departments of Applied Microbiology & Bioinformatics & Clinical trial management	Sep-2017	Dr. MGR Janaki College of Arts and Science for Women	Gene expression based molecular signatures for advanced cancer diagnosis and targeted therapeutics (Invited Lecture).	Dr. G. Kumaresan
26	National level workshop on Animal cell culture Techniques	Sep-2017	Lady Doak College, Madurai	Integrative functional genomics approaches for stratified cancer therapeutics: Advantages of cellular experiments	Kumaresan G
28	CME National Seminar on Cancer Immunology and Immunotherapy	Aug-2017	S.B.K. College, Aruppukottai	Understanding the "Cancer cell –Immune Cell" interactions by integrative genomic modeling	Kumaresan Ganesan
30	National level CME cum seminar Basics of immunologyand its clinical applications	Mar-2017	School of biotechnology , Madurai Kamaraj University	Understanding the immune responses of the cancer patients by integrative genomic modelling	Dr. G. Kumaresan
31	ICMR Sponsored National Seminar on Cancer-Challenges and Avenues	Mar-2017	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	Post Genomics Opportunities and challenges in the Diagnostics and targeted Therapeutics of Cancers	Kumaresan Ganesan
32	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University, Madurai.	Identification of the suitability of selected Kinase inhibitors for targeting a sub-type of gastric tumors.	Divya B, Kumaresan G.

33	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University, Madurai.	Prevalence pattern of gastric related disease in Tamilnadu: A Litrature survey on the incidences.	Karthik B, Kumaresan G
34	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University, Madurai.	Identification cisplatin resistance associated oncogenic signaling pathways in gastric cancer.	Dhanasekaran R, Kumaresan G.
35	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University, Madurai.	Identification of the bimodal transcriptional regulation of SP1 in gastric cancers with differing association of oncogenic signalling pathways	Jaishree S, Kumaresan G.
36	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University	Molecular genomic investigation of Retinoid X Receptor mediated transcription response in gastric cancer	Karthikeyan S, Kumaresan G.
37	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University	Differential sensitivity pattern of Hepatocellular carcinoma cell lines to selective drugs reveal their targeted therapeutic features	Ponmathi P, Kumaresan G.
38	National conference on innovation in Modern Biology & 48th AQUA-TERR annual conference.	Feb-2017	Madurai Kamaraj University	Identification of dysregulated metabolic process and their differential activation in gastric tumors.	Samruddhi Zende, Kumaresan G.
44	Science Academies Lecture Workshop on Introduction to modern biology	Jan-2017	The American college, Madurai	Recent trends in biomedical genomics	Kumaresan G.
45	Science Academies Lecture Workshop	Jan-2017	The American College, Madurai	Recent developments in Molecular and Personalized Therapeutics	Kumaresan Ganesan
46	DST INSPIRE camp	Jan-2017	SRM University	Biomedical Applications of Human and Personal Genomics (Invited Lecture).	Kumaresan Ganesan
47	30th UGC-NRCBS Workshop on "Advances in Molecular Diagnostics Techniques: Biochemistry & Immunology	Dec-2016	Madurai Kamaraj University	Genomics guided diagnostics and therapeutics possibilities for cancers	Kumaresan Ganesan
48	National Seminar on Recent Advances in HIV/AIDS drug discovery and development	Dec-2016	Kalasalingam University, Krishnan Koil	Identification of the Wnt signalling pathway inhibitory feature of the plant derived compound IS-STK in gastric cancer cells	Karthikeyan S, Periyasamy S and Kumaresan Ganesan
49	National Seminar on Recent Advances in HIV/AIDS drug discovery and development	Dec-2016	Kalasalingam University, Krishnan Koil	Post-Genomics opportunities for targeted diagnostics and therapeutics in cancers, investigation of the Wnt signalling inhibitory component of Ornithogalum, a homeopathy drug	Kumaresan Ganesan

50	National Seminar on Recent Advances in HIV/AIDS drug discovery and development	Dec-2016	Kalasalingam University, Krishnan Koil	Investigation of the Wnt signaling inhibitory component of Orinthogalum, a homeopathy drug	Ponmathi P, Periyasamy S, Chidambaranathan S and Kumaresan Ganesan
51	International Conference on Cancer Biology: Drug Discovery and Novel Therapeutics	Sep-2016	Saiva Bhanu Kshatriya College, Aruppukottai	Genomics of Cancer & Next Generation Diagnostic and Therapeutic Possibilities (Invited Lecture).	Dr.G.Kumaresan
52	DST-INSPIRE Science Camo	Aug-2016	Mar Ephraem College of Engineering and Technology, Marthandam	Genomics & Biomedical Applications	Kumaresan Ganesan
53	International Conference on Chemistry of Biomolecules – Current Trends and Future Perspectives	Jul-2016	Holy Cross College, Trichy	ERK/ELK1 transcriptional activity assay system reveals the targeted therapeutic potential of Doxycycline in gastric cancer cells	Jaishree S and Kumaresan Ganesan
54	International Conference on Chemistry of Biomolecules – Current Trends and Future Perspectives	Jul-2016	Holy Cross College, Trichy	Investigation of YY1/NFYA mediated transcription in gastric cancer cells	Divya B and Kumaresan Ganesan
55	International Conference on Recent Trends in Biosciences	Apr-2016	Alagappa University, Karaikudi	Gene co-expression network of breast tumors unique stratification systems for triple negative breast cancer (**Won the best research work award**)	Muthulakshmi M and Kumaresan Ganesan
56	International Conference on Recent Trends in Biosciences	Apr-2016	Alagappa University, Karaikudi	Genomic medicine for cancer: Novel stratification and therapeutic possibilities (Invited Lecture).	Kumaresan Ganesan
57	National Conference on Recent trends in Modern Biology & 47th Aqua-Terr Annual conference	Feb-2016	Madurai Kamaraj University	Construction of a comprehensive mRNA expression network of human cancer cell lines	Kavitha P.K, Ruthra O, Ponmathi P, Muthulakshmi M, Vignesh R and Kumaresan G
58	National Conference on Recent trends in Modern Biology & 47th Aqua-Terr Annual conference	Feb-2016	Madurai Kamaraj University	Development and functional evaluation of the molecular regulatory model of SP1 in gastric cancer	Ruthra O, Jaishree S, Muthulakshmi M, Kavitha P.K and Kumaresan G
59	National Conference on Recent trends in Modern Biology & 47th Aqua-Terr Annual conference	Feb-2016	Madurai Kamaraj University	Identification of Wnt pathway inhibitory features of Atorvastatin and Artesunate in gastric cancer cells	Divya B and Kumaresan G
60	National seminar-cum workshop on Molecular tools for gene expression analysis	Jan-2016	Bharathidasan University, Trichy	Microarray based functional genomic approaches for biological and biomedical applications	Kumaresan Ganesan
61	DBT supports RNAi workshop	2015	Anna University,	Cancer gene discoveries with RNAi based approach	Kumaresan G

			Trichy		
62	Global cancer summit, International collaborative conference	Nov-2015	J.N. TATA Auditorium, Indian institute of sciences, Bengaluru	Transcriptome network of breast tumors reveals the molecular and clinical features of Breast cancer subtypes	Muthulakshmi M, Kumaresan G.
63	Two days workshop on Challenges of Scientific technology Intervention in Indian Medicine	Aug-2015	Anna University, Trunelveli	Molecular Cancer Therapeutic Investigation of Traditional Medicine: Possibilities & Challenges.	Kumaresan G
64	Indian Genetics Congress	Mar-2015	Chennai	Gastric cancer co-expression network identifies differing cancer progression patterns and novel hallmarks in multiple cancers (**Best Research award for the presentation**)	K.Kalaivani & G.Kumaresan
65	Refresher Course in Education	Mar-2015	Madurai Kamaraj University	Research planning & Development, Faces of teacher Education – Psychology, Research & Technology,	Kumaresan G
66	Aqua- Terr Conference	Feb-2015	Madurai Kamaraj University	Integrative Functional Genomic Analysis of miRNA Network of Hepatocellular Carcinoma	R.Vignesh & G.Kumaresan
67	Recent trends in Modern Biology & 46th Aqua-Terr annual conference	Feb-2015	Madurai Kamaraj University	Identification of Celecoxib influenced contrasting Regulation of the Different Members of Gene Families in Gastric Cancer Cells	Yogapriya.S, M.Muthulakshmi, B.Divya, P.Jayaprakash, & G.Kumaresan
68	carcinogenesis (Molecular pathways to therapeutics: paradigms and challenges in oncology)	Feb-2015	Carcinogenesis foundation, USA and ACTREC, Mumbai	Identification of 7q21.12-22.3 candidate genes and their association with Src/Ras/Akt signaling cascade in gastric cancer (**Best Oral presentation award**)	Tamilzhalagan S, Muthulakshmi M, Jayaprakash P & G.Kumaresan
69	International conference on 34th Annual convention of Indian Association for Cancer Research, "Cancer Research: From bench to the Bedside",	Feb-2015	Jaipur	7q21.12-q22.3 amplicon encompasses distinct gene-sets with mutually exclusive expression pattern in gastric cancer sub-types	Tamilzhalagan S, Muthulakshmi M and Kumaresan G
70	National conference on recent trends in Modern Biology & 46th Aqua-Terr annual conference	Feb-2015	Madurai Kamaraj University	Identification of celecoxib influenced contrasting regulation of the different members of gene families in gastric cancer cells.	Yogapriya Sundaresan, Muthulakshhmi Muthuswami, Divya Baskar Rao, Jayalakshmi Periyasamy and Kumaresan Ganesan
71	Aquaterr annual conference	Feb-2015	Madurai Kamaraj University	Integrative functional genomics analysis of mRNA-miRNA network of	Vignesh R, Kumaresan G.

				hepatocellular carcinoma.	
72	National conference on genome informatics	Jan-2015		Transcriptional co-expression based genomic modelling reveals the contrasting hallmarks intestinal and diffuses subtypes of gastric cancer (**First Prize for the Best Presentation**)	K.KalaiVani & Dr.G.Kumaresan
73	NextGen Genomics & Bioinformatics Technologies (NGBT) Conference	Nov-2014	NIMHANS , Bangalore, india	Expression microarray meta-analysis of Oral Tounge Squamous Cell Carcinoma (**Won the Best poster Award**)	Soundara Viveka T.,Muthulakshmi Muthuswami,and Kumaresan Ganesan, Krishnamurthy Aravind, Vijayalakshmi Ramshankar
74	International conference on cancer biology	Jan-2014	IIT chennai	Development of comparehensive functional genomic cartogram of breast cancer for biological and therapeutics explorations	Muthulakshmi Muthuswami,and Kumaresan Ganesan
75	INSPIRE Internship	2013	VHNSN College, Viruthunagar	Genomic medicine (Invited Talk)	G. Kumaresan
76	3rd World Congress On Cancer Science And Therapy	Oct-2013	San Francisco, USA	Development of multi-pathway inhibitor screening system to combat the existing combinations of signalling deregulations in Gastric Cancer	G.Kumaresan
77	4th International Conference on Stem Cells and Cancer	Oct-13	Haffkine Institute, Parel, Mumbai	Identification of the involvement of different categories of stem cells in gastric cancer subtypes	K.Kalaivani and Dr.G.Kumaresan
78	Genomics and Proteomics Research Conference, SelectBio Conference	Sep-2013	Bangalore	Dissection of complex transcriptional network of gastric cancers by integrative functional genomics (Invited Talk).	G. Kumaresan
79	CSIR Sponsored National Seminar on Frontiers in Biotechnology	Aug-2013	Nehru Memorial College, Puthanapatti, Trichy	Cancer Genomics for Next Generation Therapeutics (Invited Talk)	G. Kumaresan
80	Programme For The DBT-Sponsored Brain-Storming Session (BSS) On Nutri-epigenomics	Jun-2013	UNU Conference Room, CFTRI, Mysore	Identification of Epigenomic Dysregulations Causing Stomach Dysfunction by Integrative Functional Genomics and Development of Nutria-Genomic Modifier Screening System (Invited Lecture).	Dr. G. Kumaresan
81	Modern Biotechnology: Concepts and Practice	May-2013	School of Biotechnolog	Recent trends in Cancer Genomics (Invited Talk)	G. Kumaresan

			y, Madurai Kamaraj University		
82	Aqua-Terr Annual Conference on Biological Sciences	Feb-2013	Madurai Kamaraj University	Identification of gastric cancer candidacy and p53 targeting potential of 7q amplicon gene	S.Tamilazhagan, M. Muthulakshmi, P. Jeyaprakash, Sun young Rha, Patrick tan and G. Kumaresan
83	Aqua-Terr Annual Conference on Biological Sciences	Feb-2013	Madurai Kamaraj University	Screening of the commonly used Indian spices and condiments for selected targeted molecular therapeutic properties in human gastric cancer cells	Srigayathri P, Meena Alamelu R, Georgina B, Gopinath B, Goutham, Gunasekaran D, Jaishree S, Preethi Meldish Paul, Sugumari B, G. Kumaresan
84	Aqua-Terr Annual Conference on Biological Sciences	Feb-2013	Madurai Kamaraj University	Molecular and cellular characterization of the therapeutic potential of traditional herbal recipe, "Thuvalai formulation"	R Meena Alamelu, Srigayathri P, Georgina B, and G. Kumaresan
85	Aqua-Terr Annual Conference on Biological Sciences	Feb-2013	Madurai Kamaraj University	Identification of candidate target genes of 9p amplicon in Gastric Cancers	Livingston, M. Muthulaksmi, B. Divya, P. Jeyaprakash, G. Kumaresan
86	International Conference on Bioengineering with a Special Focus on Bioproducts for Disease Management	Jan-2013	Rajalakshmi Engineering College, Chennai	Development of high-throughput screening assays for targeted bio-active compound discovery in targeted gastric cancer therapeutics (Invited Talk).	G.Kumaresan
87	National Level Seminar on "Trends in BioProspecting"	Dec-2012	S. Vellaichamy Nadar College	Trends in Cancer Drug Discovery (Invited Lecture).	Dr. G. Kumaresan
88	Group Monitoring Workshop of DST Fast Track Scientists	Oct-2012	University of Agricultural Sciences, Bangalore, India	Molecular and cellular characterization of the therapeutic potential PLAG2A, a novel biomarker gene in metastatic gastric cancer	G.Kumaresan
89	UGC-NRCBS summer school on writing Research Proposals	May-2012	Madurai Kamaraj University	Research Proposals in Life-Science: Pre & Post-submission consideration: My experience & views	G.Kumaresan
90	National conference on Frontier areas in applied zoology	Mar-2012	Ayya Nadar Janaki Ammal College, Sivakasi	Recent Trends in Cancer Genomics (Invited Talk).	G.Kumaresan
91	National Science Day and 43rd AquTerr Annual Conference on Genomic Sciences	Feb-2012	Madurai Kamaraj University	Identification of Wnt/β-catenin signaling modulating property of calcium channel blockers in gastric cancer cell lines	Satish Ponraj Devaasirvatham, Jayaprakash Periyasamy, Sudhir Panday, Amirtha Jain and Kumaresan

					Ganesan
92	National Science Day and 43rd Aqu-Terr Annual Conference on Genomic Sciences	Feb-2012	Madurai Kamaraj University	Investigation of genomic amplification in gastric cancer favouring the transcriptional dysregulations in intestinal type	Tamilazhagan Sembulingam, Muthulakshmi Muthuswami and Kumaresan Ganesan
93	National Science Day and 43rd Aqu-Terr Annual Conference on Genomic Sciences	Feb-2012	Madurai Kamaraj University	Altered Expression of trefoil factors (TFF1) in gastric cancer is indicative of dysregulated stomach function	Suganya Sivagurunathan, Sathiyapandi Narayanan, Jayaprakash Periyasamy, Muthulakshmi Muthuswami and Kumaresan Ganesan
94	National Science Day and 43rd Aqu-Terr Annual Conference on Genomic Sciences	Feb-2012	Madurai Kamaraj University	Delineation of multiple transcription programmes in gastric cancers	Sathyapandi Narayanan and Kumaresan Ganesan
95	International Conference on Medical Genetics & Genomics	Dec-2011	Bharathidasan University	Identification of novel transcription programs in gastric cancers by integrative functional genomics (Invited Lecture)	G. Kumaresan
96	International Conference on Medical Genetics & Genomics	Dec-2011	Bharathidasan University	Identification of possible off-target effects of selected drugs by functional genomic screening	Jayaprakash Periasamy, Kumaresan Ganesan
97	International Conference on Medical Genetics & Genomics	Dec-2011	Bharathidasan University	Recapitulation of epithelial to mesenchymal transition (EMT) related transcription program in diffused gastric cancers by co-expression network modeling (**Won the best Presentation Award**)	K. Kalaivani, P. Jayaprakash, G. Kumaresan
98	International Conference on Medical Genetics & Genomics	Dec-2011	Bharathidasan University	A comparative analysis of modular transcription patterns among breast tumors and cell lines by gene co-expression network modeling	Muthulakshmi Muthusamy, Vignesh Ramesh, Kumaresan Ganesan
99	International Conference on Medical Genetics & Genomics	Dec-2011	Bharathidasan University	Naringenin ameliorates adriamycin-induced renal toxicity by modulating TGF-B1, CTGF, B-Laminin and COL-I activity	S. Swathika, G. Kumaresan, R. Murugesan
100	International Conference on Biotechnology for a Better Life	Nov-2011	Kalasalingam University	Assessment of Wnt signaling pathway dysregulations in gastric cancers by integrative cellular genomics (Invited Lecture)	G Kumaresan, N. Sathiya Pandi
101	International symposium on Clinical Genetics and Genomic Medicine	Mar-2011	Chettinad University, Chennai, India	Genome-wide analysis of oncogenic signaling pathway dysregulation in	Vignesh Ramesh, Muthulakshmi Muthuswami and

				Multiple Human Cancers	Kumaresan Ganesan
102	International symposium on Clinical Genetics and Genomic Medicine	Mar-2011	Chettinad University, Chennai, India	β-Catenin mediated suppression of a Stomach lineage gene AKR1B10 in stomach cancers	Sathya Pandi Narayanan and Kumaresan Ganesan
103	International symposium on Clinical Genetics and Genomic Medicine	Mar-2011	Chettinad University, Chennai, India.	Identification of the dysregulation of ACSM3 hepatocellular carcinoma.	Ramani Gopal, Vignesh and Kumaresan Ganesan
104	International symposium on clinical Genetics and Genomic Medicine	Mar-2011	Chettinad University, Chennai, India	Clinical Genomics of Stomach cancer(Invited Talk)	G. Kumaresan
105	42th Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Identification of novel modulators of Wnt signaling pathway by a small molecule library screening	Amrita Jain, P. Jayaprakash and G. Kumaresan
106	42nd Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Investigation of the regulation of Trefoli factors in Gastric Cancers	Sita Priya Moorthi, N. Sathiya Pandi, P. Jayaprakash and G. Kumaresan
107	42nd Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Estrogen receptor alpha dependent and independent Estrogen mediated regulation of EXO1 expression in breast cancer	T.Soundra Viveka, R. Vignesh, M. Muthulaksmi, Sailkat Banrjee and G.Kumaresan
108	42nd Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Investigation of the Clinical Significance of Genes Nagatively regulated by β-catenin in Gastric tumor	N. Sathiya Pandi, P. Jayaprakash and G. Kumaresan
109	42nd Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Identification of potential gastric carcinogenesis associated genomic regions by integrating genome-wide copy number and mRNA profiles	M. Muthulakshmi and G.Kumaresan
110	42nd Annual Aqua Terr Conference	Feb-2011	Madurai Kamaraj University	Frequent over-expression of a subset of 7q21-q22 genes in stomach cancer	S. Tamilzhalagan and G. Kumaresan
111	International Conference on Genomic Sciences-Recent Trends	Nov-2010	Madurai Kamaraj University	Identification and analysis of novel wnt signaling pathway related gene signatures in gastric cancers by integrative genomics	Sathiya Pandi, Patrick Tan, Kumaresan Ganesan
112	International Conference on Genomic Sciences-Recent Trends	Nov-2010	Madurai Kamaraj University	Development of oncogenic pathway specific and lineage specific reporter cells for high throughput drug screening	Jayaprakash Periasamy, Kumaresan Ganesan
113	International Conference on Genomic Sciences-Recent Trends	Nov-2010	Madurai Kamaraj University	Integrative and comparative genomic analysis of multiple phospholipase gene family in different lineages of human cancers	Muthulakshmi M, Kurra Vijayashree, Kumaresan G

114	International Conference on Genomic Sciences - Recent Trends	Nov-2010	Madurai Kamaraj University	Identification of frequently dysregulated oncogenic signaling pathways by metaanalysis of multiple co-horts of liver trancriptomes	Ramani Gopal, Kumaresan Ganesan
115	International Conference on Genomic Sciences- Recent Trends	Nov-2010	Madurai Kamaraj University	Observation of heterogeneities among wnt signaling pathway driven transcription programs across different cell lineages	Sathiya Pandi Narayanan, Kumaresan Ganesan
116	International Conference on Genomic Sciences- Recent Trends	Nov-2010	Madurai Kamaraj University	Identification of novel genes in the amplified genomic regions of cancer cell lines by integrative genomic scanning	Tamilzhalagan S, Kumaresan G
117	International Conference on Genomic Sciences- Recent Trends	Nov-2010	Madurai Kamaraj University	In-silico evaluation of the reliability of the function pattern prediction algorithm in cancer cells and tissues	Vignesh Ramesh, Kumaresan Ganesan

MEMBERSHIP IN ACADEMIC BODIES

- Indian Association for Cancer Research
- American Association for Cancer Research
- American Association for the Advancement of Science (AAAS)
- Society of Biological Chemists, India
- Indian Congress for Cell Biology and Genetics
- Mentor, INSPIRE Mentors for INSPIRE lectures to School Children
- Entomological Research Society, India

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- Osamu Nishimura, Tetsuo Ichikawa, Keli Ou, Patrick Tan, Kumaresan Ganesan; A method of detecting and/or quantitating the presence of, predisposition to, and/or severity of, a proliferative cell disorder in a subject; Diagnostic biomolecules - PCT/JP2007/064288; Publication number WO2008007807 A1; Publication date Jan 17, 2008

ADMINISTRATIVE EXPERIENCE

Role Played	Period (Month & Year)
Head, Dept. of Genetics, MKU	2012 - Now
Special Officer – Planning & Development, MKU	2012 - 2014
Special Officer – Research Projects, MKU	June 2017 – Mar 2018
RUSA - Coordinator	Sep 2017- Mar 2018

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