

Name : S. Balasubramanian

Designation : Dean - R & D

Department : Biochemistry

Qualification : M.Sc., Ph.D. (Swiss), PDF (Swiss), PDF (USA).

Experience : Teaching - 07 Years Industry - NIL Research - 08 Years

Area of Specialization(s) : Cancer Biology, Genomics, Animal Models, Cancer Stem Cells.

Email (Official ID) : deanresearch@drngpasc.ac.in



Academic Qualifications

Degree	Branch	University Name	Year of Graduation
Ph.D.	Cell Biology	University of Basel, Basel, Switzerland.	2008
M.Sc.	Biochemistry	University of Madras, Chennai, India.	1999
B.Sc.	Biochemistry	University of Madras, Chennai, India.	1997

Additional Qualifications

Post-Doctoral Fellow (PDF)	Area of Specialization	University	Year
PDF	Cancer Biology & Cancer Stem Cells	Emory University, Atlanta, USA.	2011-2014
PDF	Genomics & Animal Models	University of Basel, Basel, Switzerland.	2009-2011

Grants Received

Event Title	Agency	Amount In Rs.	Date
Impact Lectures Session 2019-20	Innovation Cell MHRD Govt. of India New Delhi.	40,000	20-FEB-20
INSPIRE Internship Science Camp	DST Govt. of India New Delhi.	9,75,000	15-MAY-18
INSPIRE Internship Science Camp	DST Govt. of India New Delhi.	9,75,000	01-DEC-17

Lecture Workshop on Mathematical Biology	Science Academies India.	1,36,750	20-OCT-17
Lecture Workshop on DNA Technologies in Revisiting Biology	Science Academies India.	1,73,000	24-MAY-17
National Conference on Changing Disease Profile: Challenges Facing Basic and Translational Research in India	DBT Govt. of India New Delhi.	1,00,000	11-AUG-16

Projects

Project Title	Agency	Amount In Rs.	Duration
Developing Portable Composite Household Foldscope Kit for Improved Sanitation and Human Health	DBT Govt. of India New Delhi.	8,00,000	MAR-18 – SEP-19

Research Publications (Indexed)

International

Ravichandran D, Karthikeyan R, Jeevithan S, Subramanian R, **Sivasankaran B**. Genetic Risk factors for Lumbar Disc Disease. *Clin Anat.* 2021, Vol.34 No.1, 51-56. DOI: 10.1002/ca.23641 (Indexed in SCOPUS).

RN Krishnan, G Ramachandran and **B Sivasankaran**. Prevalence of overweight and obesity among 5-16 years in semi-urban areas of Coimbatore, India. *Journal of Evolution of Medical and Dental Sciences*, 2017, Vol.6 No.19, 1524-29 (Indexed in Web of Science).

Huber RM, Rajski M, **Sivasankaran B**, Moncayo G, Hemmings BA and Merlo A. Deltex-1 activates mitotic signaling and proliferation and increases the clonogenic and invasive potential of U373 and LN18 Glioblastoma cells and correlates with patient survival. *PLoS ONE*, Vol.8 No. 2, e57793, February 2013, eISSN: 1932-6203, DOI: 10.1371/journal.pone.0057793 (Indexed in SCOPUS).

Tchorz JS, Tome M, Cloetta D, **Sivasankaran B**, Grzmil M, Huber RM, Rutz-Schatzmann F, Kirchhoff F, Schaeren-Wiemers N, Gassmann M, Hemmings BA, Merlo A and Bettler B. Constitutive Notch2 signaling in neural stem cells promotes tumorigenic features and astroglial lineage entry. *Cell Death Dis*, Vol.3, e325, June 2012, ISSN: 2041-4889, DOI: 10.1038/cddis.2012.65 (Indexed in SCOPUS).

Vimalkumar Balasubramanian, Ozana Onaca, Maria Ezhevskaya, Sabine Van Doorslaer, **Balasubramanian Sivasankaran** and Cornelia G. Palivan. A surprising system: polymeric nanoreactors containing a mimic with dual-enzyme activity. *Soft Matter*, Vol.7, 5595-603, May 2011, ISSN: 1744-6848, DOI: 10.1039/C1SM05215B (Indexed in SCOPUS).

Sivasankaran B, Degen M, Ghaffari A, Hegi ME, Ionescu MC, Zweifel C, Tolnay M, Mergenthaler S, Miserez AR, Kiss R, Lino MM, Merlo A, Chiquet-Ehrismann R and Boulay JL. Tenascin-C is a novel RBPJ κ -induced target gene for Notch signalling in gliomas. *Cancer Res*, Vol.69 No.2, 458-65, January 2009, ISSN: 1538-7445, DOI: 10.1158/0008-5472.CAN-08-2610 (Indexed in SCOPUS).

Boulay JL, Ionescu MC, **Sivasankaran B**, Labuhn M, Dolder-Schlienger B, Taylor E, Morin P Jr, Hemmings BA, Lino MM, Jones G, Maier D and Merlo A. The 10q25.3-26.1 G protein-coupled receptor gene GPR26 is epigenetically silenced in human gliomas. *Int J Oncol*, Vol.35 No.5, 1123-31, November 2009, ISSN: 1791-2423, DOI: 10.3892/ijo_00000428 (Indexed in SCOPUS).

Korur S, Huber RM, **Sivasankaran B**, Petrich M, Morin P Jr, Hemmings BA, Merlo A and Lino MM. GSK3 β regulates differentiation and growth arrest in glioblastoma. *PLoS ONE*, Vol.4 No.10, e7443, October 2009, eISSN: 1932-6203, DOI: 10.1371/journal.pone.0007443 (Indexed in SCOPUS).

Boulay JL, Miserez AR, Zweifel C, **Sivasankaran B**, Kana V, Ghaffari A, Luyken C, Sabel M, Zerrouqi A, Wasner M, van Meir E, Tolnay M, Reifenberger G and Merlo A. Loss of NOTCH2 positively predicts survival in sub-groups of human glial brain tumors. *PLoS ONE*, Vol.2 No.6, e576, June 2007, eISSN: 1932-6203, DOI: 10.1371/journal.pone.0000576 (Indexed in SCOPUS).

B. Banerjee, **S. Balasubramanian**, G. Ananthakrishna, T.V. Ramakrishnan and G.V. Shivashankar. Tracking operator state fluctuations in Gene Expression in Single Cells. *Biophysical journal*, Vol.86 No.5, 3052-59, May 2004, ISSN: 1542-0086, DOI: 10.1016/S0006-3495(04)74354-4 (Indexed in SCOPUS).

Presentations in Conference

1. **Association of Vitamin-D receptor Fok-I polymorphism with lumbar degenerative disc disease (DDD) in Indian population**, International Conference on Environment, Genes, Health & Diseases (EGHD), Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore -641 046, India, 22-AUG-17 to 24-AUG-17.
2. **Identifying differential roles for Collapsin Response Mediator Protein4 (CRMP4) variants in Medulloblastoma (MB) growth and metastasis**, 4th Quadrennial Meeting of the World Federation of Neuro-Oncology, San Francisco, California, USA, 21-NOV-13 to 24-NOV-13.
3. **Tenascin-C is a novel RBJ κ -induced target gene for Notch2 signaling in glioblastomas and Loss of NOTCH2 positively predicts survival in subgroups of human glial brain tumors**, Targeting the Kinome, Basel, Switzerland, 04-DEC-06 to 06-DEC-06.

4. **Biophysical Analysis of Gene Regulation and Determining the energy landscape of protein translation**, National Symposium on Biology Inspired Physics, S.N. Bose National Center for Basic Sciences, Kolkata, India, 18-MAR-02 to 21-MAR-02.
5. **Biophysical Analysis of Gene Regulation and Determining the energy landscape of protein translation**, International symposium on Cancer and Cell Death, National Center for Biological Sciences (NCBS), Bangalore, India, 09-JAN-02 to 13-JAN-02.

Participation in Conference

International

1. **International Conference on T-shaping Higher Education**, PSG IM, PSG IT and PSG CARE, Coimbatore, India, 20&21-NOV-20.
2. **International Conference on Indian Rural Public Health and Non-Communicable Disease**, Kovai Medical Center and Hospital (KMCH), Coimbatore, India, 06-APR-19.
3. **International Conference on Prospects of Nutraceuticals and Natural Medicine**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 25-FEB-19.
4. **International Conference on Environment, Genes, Health & Diseases (EGHD2017)**, Bharathiar University, Coimbatore, India, 22-AUG-17 to 24-AUG-17.
5. **International Conference on Biochemistry of Homeostasis in Health**, PSG College of Arts and Science, Coimbatore, India, 10-AUG-17.
6. **4th Quadrennial Meeting of the World Federation of Neuro-Oncology**, San Francisco, California, USA, 21-NOV-13 to 24-NOV-13.
7. **Neurex Annual Meeting on New Approaches to the Study of Brain Function and Dysfunction**, University of Freiburg, Freiburg, Germany, 22 & 23-JUN-07.
8. **Basel Computational Biology Conference**, University of Basel, Basel, Switzerland, 13 & 14-MAR-07.
9. **Targeting the Kinome Conference**, University of Basel, Basel, Switzerland, 04-DEC-06 to 06-DEC-06.

10. **Neurex Annual Meeting on Signaling in the Nervous System**, University of Freiburg, Freiburg, Germany, 29-MAR-06.
11. **Neurex Annual Meeting on Neuronal Communication and Developmental Plasticity**, University of Louis Pasteur, Strasbourg, France, 04-APR-05.
12. **International Symposium on Cancer and Cell Death**, NCBS, Bengaluru, India, 9-JAN-02 to 13-JAN-02.
13. **India-Abroad: A Conference in Condensed Matter Physics**, JNCAR, Bengaluru, India, 02-JAN-02 to 04-JAN-02.
14. **International Conference on Environment and Bioethics**, Loyola College, Chennai, India, 14-JAN-99 to 16-JAN-99.

National

1. **National Conference on Futuristic Approaches in Transformation of Bioscience Research**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 06 & 07-MAR-20.
2. **National Contest PSG Nano-challenge 2018**, PSG-STEP Coimbatore, India, 12 & 13-DEC-18.
3. **National Conference on Changing Disease Profile: Challenges Facing Basic and Translational Research in India**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 05 & 06-OCT-16.
4. **National Conference on Transitional and Translational Scenarios in Biological Sciences**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 09 & 10-SEP-16.
5. **National Conference on Indigenous Medicinal Plants and Their Therapeutic Value**, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 18 & 19-AUG-16.
6. **7th Annual Meeting of Indian Society of Neurooncology (ISNOCON2015)**, Kochi, India, 26-MAR-15 to 29-MAR-15.
7. **HIV Indian Scene-99 Decadal Commemoration Conference**, CLRI, Chennai, India, 18 & 19-JAN-99.
8. **86th Indian Science Congress**, Anna University, Chennai, India, 03-JAN-99 to 07-JAN-99.

Participation in Seminars

1. **Webinar on India-EMBO Lecture Courses**, India Alliance, 15-DEC-20.

2. **IRMI Webinar: Research costing as a tool for enabling a sustainable research environment**, India Alliance, 27-NOV-20.
3. **Developing skills & career as EHS professional in India**, National Biopharma Mission, 26-NOV-20.
4. **Let's talk superbugs: Making sense of antimicrobial resistance**, India Alliance, 24-NOV-20.
5. **Webinar on the responses of DBT's autonomous institutes to COVID-19 (Part-IV)**, India Alliance, 19-NOV-20.
6. **Design Thinking - How do Designers Really Think**, Mizoram University, Aizawal, 22-OCT-20.
7. **Webinar on the responses of DBT's autonomous institutes to COVID-19 (Part-III)**, India Alliance, 15-OCT-20.
8. **Webinar on Panel Discussion on Autonomy**, MasterSoft, ERP Solutions, Pvt. Ltd., 03-OCT-20.
9. **Webinar on the responses of DBT's autonomous institutes to COVID-19 (Part-II)**, India Alliance, 11-SEP-20.
10. **Mahatma Gandhi's conception of the power of non-violence in the light of Patanjali's Yoga-sutra**, Mizoram University, Aizawal, 13-AUG-20.
11. **Webinar on Opportunities in Cognitive Neuro-Medicine: A Cell to Society Continuum**, Mizoram University, Aizawal, 11-AUG-20.
12. **Webinar on A platform for first generation Entrepreneurs**, Crescent Innovation and Incubation Council, Chennai, 04-AUG-20.
13. **Webinar on IPR and Patent Filing**, Institutions Innovation Cell, Kumaraguru College of Technology, Coimbatore, 04-AUG-20.

- 14. Webinar on Design Thinking and Innovation Contest**, Institutions Innovation Cell, Kumaraguru College of Technology, Coimbatore, 03-AUG-20.
- 15. Webinar on Entrepreneurship and IPR**, Mahendra Institute of Technology, Namakkal, 22-JUL-20.
- 16. Webinar on Challenges and opportunities in startup and innovation**, Mahendra Institute of Technology, Namakkal, 14-JUL-20.
- 17. Leadership talk with Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)**, MoE's Innovation Cell, 13-JUN-20.
- 18. Leadership talk with Dr. Nilesh N Oak, Expert (Indian Civilization & History)**, MoE's Innovation Cell, 30-MAY-20.
- 19. Leadership talk with Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd**, MoE's Innovation Cell, 23-MAY-20.
- 20. Cross Species Virus Transmission and Preemptive Strategies for Control**, Kongunadu Arts and Science College, Coimbatore, 20-MAY-20.
- 21. Webinar on Foods, genes and Diseases**, Kongunadu Arts and Science College, Coimbatore, 18-MAY-20.
- 22. Leadership talk with Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited and Dr. Abhay Jere, Chief Innovation Officer**, MoE's Innovation Cell, 16-MAY-20.
- 23. Webinar on IPR-Patent filing and processing in India**, National Productivity Council, 15-MAY-20.
- 24. Higher Education Scenario, Post-Covid Boon or Banes**, ASFASM and PWC, Coimbatore, 13-MAY-20.

25. **India First Leadership talk webinar with Prof. D. P. Singh**, Chairman, UGC, MoE's Innovation Cell, 09-MAY-20.
26. **National Seminar on Biotechnology Ignition Grant**, Dr.N.G.P. Institute of Technology, Coimbatore, India, 24-JAN-17.
27. **PSMA-Diagnostic and Therapeutic applications**,Coimbatore Oncology Society (COS), Coimbatore, India, 26-MAY-16.
28. **Radiotherapy- EvolvingTechniques and Strategies**,Coimbatore Oncology Society (COS), Coimbatore, India, 28-APR-16.
29. **Her2+ Malignant Breast Carcinoma**,Coimbatore Oncology Society (COS), Coimbatore, India, 24-FEB-16.
30. **CME on Thyroid Disorders**,Karpagam Faculty of Medical Sciences and Research, Coimbatore, India, 06-NOV-15.
31. **CME on Cytogenetics (Gene - A double Helical Road to Medicine)**, Karpagam Faculty of Medical Sciences and Research, Coimbatore, India, 22-SEP-15.
32. **Stem Cell Therapy**,Coimbatore Oncology Society (COS), Coimbatore, India, 30-JUL-15.
33. **Chronic Myeloid Leukemia and Stem Cell Basics**,Coimbatore Oncology Society (COS), Coimbatore, India, 25-JUN-15.
34. **Seminar on Current Trends in Drug Discovery and Development**,Karpagam College of Pharmacy, Coimbatore, India, 12-JUN-15.
35. **Seminar on Recent Trends in Cell and Molecular, Translational Neuro-Oncology Research in India**, Karpagam Faculty of Medical Sciences and Research, Coimbatore, India, 14-FEB-15.
36. **Seminar on Cancer Genomics**, Karpagam Faculty of Medical Sciences and Research, Coimbatore, India, 13-SEP-14.

37. **18th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Basel, Basel, Switzerland, 20-MAY-11.
38. **17th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Louis Pasteur, Strasbourg, France, 07-MAY-10.
39. **16th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Freiburg, Freiburg, Germany, 15-MAY-09.
40. **15th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Basel, Basel, Switzerland, 23-MAY-08.
41. **14th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Louis Pasteur, Strasbourg, France, 11-MAY-07.
42. **13th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Freiburg, Freiburg, Germany, 19-MAY-06.
43. **12th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Basel, Basel, Switzerland, 25-MAY-05.
44. **11th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Louis Pasteur, Strasbourg, France, 14-MAY-04.
45. **10th Annual EuCC Symposium on Clinical and Experimental Oncology**, University of Freiburg, Freiburg, Germany, 16-MAY-03.
46. **National Symposium on Biology Inspired Physics**, S.N.Bose National Centre for Basic Sciences, Kolkata, India, 18-MAR-02 to 21-MAR-02.
47. **In-house seminar**, Raman Research Institute (RRI), Bengaluru, India, 03 & 04-MAR-02.
48. **Symposium on Cell and Developmental Biology**, NCBS, Bengaluru, India, 09-JAN-01 to 12-JAN-01.
49. **Symposium on Microbial Pest Control**, Loyola College, Chennai, India, 14-FEB-00 to 16-FEB-00.

Participation in Workshop

1. **Online workshop on Revised NAAC Norms and Procedures under the UGC scheme PARAMARSH**, St. Joseph's College, Bengaluru, 07-JAN-21 to 15-JAN-21.
2. **Cancer Prediction using Machine Learning, Crescent Innovation & Incubation Council (CIIC)**, Chennai, 16-AUG-20.
3. **MHRD'S Innovation Council and DSIR Workshop on Funding Opportunities for Innovation and Entrepreneurship Development**, R.M.K. Engineering College, Chennai, India, 09-NOV-19.
4. **UGC National Workshop on Research Integrity and Awareness**, University of Hyderabad, Hyderabad, India, 05-AUG-19
5. **National Workshop on Data Analytics and Its Applications in Biotechnology**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 14 & 15-FEB-19.
6. **INSPIRE Internship Science Camp**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 11-AUG-18 to 15-AUG-18.
7. **Group Monitoring Workshop for INSPIRE Science Camp**, University of Science & Technology, Meghalaya, India, 25 & 26-JUN-18.
8. **INSPIRE Internship Science Camp**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 26-DEC-17 to 30-DEC-17.
9. **Science Academies Lecture Workshop on Mathematical Biology**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 07 & 08-DEC-17.
10. **Mid-term Review Meeting for DST-FIST Program-2013**, SSN College of Engineering, Chennai, India, 30-OCT-17.
11. **Group Monitoring Workshop for INSPIRE Science Camp**, Sri Venkateswara University, Tirupati, India, 26 & 27-AUG-17.
12. **Science Academies Lecture Workshop on DNA Technologies in Revisiting Biology**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 27-JUL-17 to 29-JUL-17.

13. **Science Academies Lecture Workshop on New Horizons in Genome Engineering**, Nehru Arts and Science College, Coimbatore, India, 05 & 06-JUL-017.
14. **Workshop on Outcome Based Education (OBE)**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 02-FEB-17.
15. **Workshop on Analysis of Spectral data**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 30-JAN-17.
16. **Science Academies Lecture Workshop on Bio-prospecting the Bio-wealth**, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 09 & 10-JAN-17.
17. **INSPIRE Internship Science Camp**,Dr.N.G.P. Arts and Science College, Coimbatore, India, 26-DEC-16 to 30-DEC-16.
18. **National Workshop on Quality Enhancement in HEIs by the Effectiveness of Academic and Administrative Audit Issues and Challenges**, S.N.R. SONS College, Coimbatore, India, 21& 22-OCT-16.
19. **Science Academies Lecture Workshop on Modern Trends in Biology**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 16 & 17-SEP-16.
20. **Science Academies Lecture Workshop on Biodiversity and Bioremediation**, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 01& 02-SEP-16.
21. **Science Academies Lecture Workshop on Prospects of Bioscience**, Hindustan College of Arts and Science, Coimbatore, India, 24-AUG-16.
22. **Workshop on “Data Analysis using SPSS**, Karpagam Academy of Higher Education, Coimbatore, India, 30-AUG-14.
23. **Neurex Workshop on Plasticity**,University of Basel, Basel, Switzerland, 05-FEB-07.

Participation in Orientation Programme/ Short Term Courses

1. **Online Innovation Ambassador Training (Advanced Level)**, MoEs Innovation Cell, 30-JUN-21 to 30-JUL-21.

2. **AICTE sponsored STTP on Practical approaches for Next Generation Sequencing Technologies and Data Analysis towards Heal Care**, K. S. Rangasamy College of Technology, Tiruchengode, 18-JAN-21 to 23-JAN-21.
3. **Kalam Program for IP Literacy and Awareness**, MoE's Innovation Cell, 15-OCT-20 to 23-OCT-20.
4. **Future of Higher Education under the New National Education Policy-2020 with Prof. M. K. Sridhar, Member, University Grants Commission Draft Committee Member - National Education Policy**, organized by ASFASM and PWC, 05-SEP-20.
5. **Online training sessions on Orientation and Adoption of NISP & Policy implementation strategy and progress monitoring at HEI level**, MoE's Innovation Cell, 07-AUG-20 & 21-AUG-20.
6. **Certificate course on Digital Teaching Techniques, ICT Academy**, 03-AUG-20 to 08-AUG-20.
7. **Online sessions of Innovation, IPR, Entrepreneurship and start-up**, MoE's Innovation Cell, 28-APR-20 to 22-MAY-20.
8. **Training on Production and Quality Control of Rabies and DTP group of Vaccines**, Pasteur Institute of India, Coonoor, India, 1-JUN-98 to 30-JUN-98.

Participation in Faculty Development Programme

9. **Online Faculty Development Programme on Research Methodology and Pedagogy for Tertiary Education**, Dr.NGP ASC, Coimbatore-641 048, 15-JUN-21 to 21-JUN-21.
10. **Online Faculty Development Programme on Outcome Based Education in Management Education: Objectives, Best Practices and Measurement of Outcomes**, Saintgits Institute of Management, Kottayam, 07-DEC-20 to 19-DEC-20.

11. **Online Faculty Development Programme on Industry 4.0 Technologies for Non-Computing Disciplines**, Dept. of Computer Science, Bharathiar University, Coimbatore-641 046, 27-JUL-20 to 31-JUL-20.
12. **Online Faculty Development Programme on Teaching and Learning Tools for Digital Era**, Sri Ramakrishna College of Arts and Science for Women, Coimbatore, 11-MAY-20 to 16-MAY-20.
13. **Online Faculty Development Programme on Quality Initiatives in Higher Education**, Consortium of Colleges, 13-APR-20 to 20-APR-20.
14. **Faculty Development Programme on Entrepreneurship**, PSGR Krishnammal College for Women, Coimbatore, India, 16-SEP-19 to 28-SEP-19.
15. **Faculty Development Programme on NAAC Revised Accreditation Framework and OBE Assessment Methodology**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 27-MAY-19 to 02-JUN-19.
16. **Faculty Development Programme on Quality Measures in Higher Education**, Dr.N.G.P. Arts and Science College, Coimbatore, India, 03-DEC-18 to 09-DEC-18.
17. **Refresher Course (Science Academies) on Nanotechnology and Its Applications**, K.S. Rangasamy College of Technology, Tiruchengode, India, 16-APR-18 to 28-APR-18.
18. **Refresher Course (Science Academies) on Innovations in Genetics and Plant Breeding with Special Reference to Biotic and Abiotic Stress**, Vivekananda College of Arts and Science for Women, Tiruchengode, India, 06-NOV-17 to 18-NOV-17.

Conference/ Seminar/ Workshop Organized

1. **Co-ordinator**, INSPIRE Internship Science Camp, Dr.N.G.P. Arts and Science College, Coimbatore, India, 11-AUG-18 to 15-AUG-18.
2. **Co-ordinator**, INSPIRE Internship Science Camp, Dr.N.G.P. Arts and Science College, Coimbatore, India, 26-DEC-17 to 30-DEC-17.

3. **Co-ordinator**, Science Academies Lecture Workshop on Mathematical Biology, Dr.N.G.P. Arts and Science College, Coimbatore, India, 07 & 08-DEC-17.
4. **Co-ordinator**, Science Academies Lecture Workshop on DNA Technologies in Revisiting Biology, Dr.N.G.P. Arts and Science College, Coimbatore, India, 27-JUL-17 to 29-JUL-17.
5. **Organizing Committee Member**, INSPIRE Internship Science Camp, Dr.N.G.P. Arts and Science College, Coimbatore, India, 26-DEC-16 to 30-DEC-16.
6. **Organizing Secretary**, National Conference on Changing Disease Profile: Challenges Facing Basic and Translational Research in India, Dr.N.G.P. Arts and Science College, Coimbatore, India, 05 & 06-OCT-16.
7. **Organizing Committee Member**, Science Academies Lecture Workshop on Modern Trends in Biology, Dr.N.G.P. Arts and Science College, Coimbatore, India, 16 & 17-SEP-16.
8. **Organizing Committee Member**, National Seminar on Novel Approaches in Cancer Therapeutics, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 11 & 12-FEB-16.
9. **Organizing Committee Member**, Workshop on Phytochemicals, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 25 & 26-JAN-16.
10. **Organizing Secretary**, Seminar on Recent trends in Cell and Molecular and Translational Neuro-Oncology Research in India, Karpagam Educational Institutions, Coimbatore, India, 14-FEB-15.

Invited Speaker/ Session Chair- Conference/ Seminar/ Workshop

1. **Invited Speaker**, Entrepreneurship Awareness Camp, Entrepreneurship: Creativity, Innovation, Design and Development, Sankara College of Science and Commerce, Coimbatore, India, 12-DEC-19.
2. **Invited Speaker**, Faculty Development Programme on Entrepreneurship, Entrepreneurship: Creativity, Innovation, Design and Development, PSGR Krishnammal College for Women, Coimbatore, India, 25-SEP-19.

3. **Session Chair**, International Conference on Prospects of Nutraceuticals and Natural Medicine, Dr.N.G.P. Arts and Science College, Coimbatore, India, 25-FEB-19.
4. **Session Chair**, National Workshop on Data Analytics and Its Applications in Biotechnology, Dr.N.G.P. Arts and Science College, Coimbatore, India, 14 & 15-FEB-19.
5. **Chief Guest**, Research Day, CMS College of Science and Commerce, Coimbatore, India, 00-FEB-19.
6. **Invited Speaker**, Stem Cell: Biology, Applications & Challenges, 3rd Year B.Tech (Biotechnology) Students, Faculty of Engineering, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 19-DEC-18.
7. **Chief Guest**, National Science Day, Opportunities in Life Science and Beyond for Biology Graduates, Sree Narayana Guru College, Coimbatore, India, 28-FEB-17.
8. **Invited Speaker**, Recent Trends in Biological Sciences, CMS College of Science and Commerce, Coimbatore, India, 21-SEP-16.
9. **Invited Speaker**, New Vistas in Therapeutic Management: A Journey from HPE to IHC to Molecular Biology, Association of Surgeons of India (ASI), Coimbatore, India, 15-APR-16.
10. **Invited Speaker**, Recent Developments in Molecular Genetic Characterization of Adult Diffuse Gliomas and their Implications in Gliomas Treatment, Coimbatore Oncology Society (COS), Coimbatore, India, 31-MAR-16.
11. **Invited Speaker**, Applications of Molecular Biology, 2nd Year B.Tech (Biotechnology) Students, Faculty of Engineering, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 18-JAN-16.
12. **Invited Speaker**, Cellular Signalling, 2nd Year B.Tech (Biotechnology) Students, Faculty of Engineering, Karpagam Academy of Higher Education (KAHE), Coimbatore, India, 20-AUG-15.
13. **Invited Speaker**, Scope of Research in the Medical Field, 3rd year M.B.B.S students, Karpagam Faculty of Medical Sciences and Research (KFMSR), Coimbatore, India, 26-MAR-15.
14. **Invited Speaker**, Molecular Aspects of Human Adult and Pediatric Malignant Brain Tumours, PSG Institute of Medical Sciences and Research (PSGIMSR), Coimbatore, India, 17-JUN-14.

15. **Invited Speaker**, Genetic Characterization and Translational Control of Human Glial Brain Tumours, Tufts Medical Center, Boston, USA, 21-APR-11.
16. **Invited Speaker**, Notch Driven Teascin-C is a Promoter of GBM Cell Invasiveness, Emory University, Atlanta, USA, 11-APR-11.
17. **Invited Speaker**, The role of activated Notch Signaling in Glioma Development and Progression, German Cancer Research Center (GKFZ), Heidelberg, Germany, 20-JAN-11.
18. **Invited Speaker**, Genetic Characterization and Translational Control of Malignant Brain Tumours, VIT University, Vellore, India, 07-JAN-10.
19. **Invited Speaker**, Tenascin-C is a Novel RBPJ-kappa-induced Target Gene for Notch Signalling in Gliomas, ISREC-EPFL, Lausanne, Switzerland, 12-OCT-09.
20. **Invited Speaker**, Loss of NOTCH2 gene is a Prognostic Marker for Oligodendroglioma, a Sub-group of Glial Tumours, ISREC-EPFL, Lausanne, Switzerland, 22-DEC-08.
21. **Invited Speaker**, The Genetic Alterations in Human Malignant Adult Glial Tumours, Friedrich Miescher Institute (FMI), Basel, Switzerland, 12-DEC-08.

Member in BoS

1. **Invited Member**, Board of Studies in Biochemistry, Dr.N.G.P Arts and Science College, Coimbatore, India, 2019-2021.
2. **Chairman**, Board of Studies in Biochemistry, Dr.N.G.P Arts and Science College, Coimbatore, India, 2016-2018.
3. **Member**, Board of Studies in Biochemistry, CMS College of Science and Commerce, Coimbatore, India, 2016-2018.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Society of Biological Chemists (India) (SBC)	Life member (No. 4149)	2018 -
Indian Science Congress Association (ISCA)	Life member (L35647)	2018 -
Indian Association of Applied Microbiologists (IAAM)	Life member (No. LM343)	2016 -
Coimbatore Oncology Society (COS)	Life member (No. 036)	2016 -
Society of Neuro-oncology (SNO)	Student member	2011-2014
European Association of Neuro-oncology (EANO)	Student member	2003-2011
Swiss Neuroscience Society (SNS)	Student member	2003-2011

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
Postdoctoral Fellowship	Department of Atomic Energy, USA.	2011-2014
Postdoctoral Fellowship	Swiss National Science Foundation, Switzerland.	2009-2011
Ph.D. Scholarship	Swiss National Science Foundation, Switzerland.	2005-2008
Ph.D. Scholarship	Swiss Neuroscience Society, Switzerland.	2003-2005